

Department of Transportation

Division of Secretariat

Office of Air, Rail & Transit

700 East Broadway Avenue

Pierre, South Dakota 57501-2586

OFFICE: 605/773-3574

FAX: 605/773-2804

SOUTH DAKOTA AERONAUTICS COMMISSION

MEETING AGENDA

700 East Broadway Ave, Pierre, SD 57501

Room 200

September 27, 2016 1:00 PM

To participate via phone, please dial 1-866-410-8397 enter code 1289182255 to join the meeting.

1:00 PM Call to Order Skip Vanderhule, Chairman

- Consideration of Conflict of Interest
- Consideration of August 23, 2016, meeting minutes

1:30 PM Joel Jundt, Deputy Secretary

- Secretary's Report
- Consideration of Fuel System Funding - Guideline

2:30 PM Jon Becker, Office of Aeronautics

- Consideration of financial assistance agreements

3:00 PM Jennifer Boehm & Tom Koch, Office of Aeronautics

- Consideration of Howard Fuel Tax Request and State financial assistance
- Consideration of Custer County Fuel Tax Request
- Consideration of Sturgis Fuel Tax Request
- Consideration of 2017 International Aviation Art Contest
- Consideration of 2017 ACE Camp
- Consideration to publish 2017-2018 Aeronautical Chart and Airport Directory

Adjourn

Next Aeronautics Commission Meeting will be October 25, 2016

Meeting agendas are now posted online at Boards and Commissions site

<http://boardsandcommissions.sd.gov/>

Notice is further given to individuals with disabilities that this commission meeting is being held in a physically accessible place. Any individuals with disabilities who will require a reasonable accommodation in order to participate in the commission meeting should submit a request to the department's ADA Coordinator at 605-773-3540 or 1-800-877-1113 (Telecommunication Relay Services for the Deaf). Please request the accommodations no later than 2 business days prior to the meeting in order to ensure accommodations are available.

Request for State Board/Commission Waiver

THIS IS A PUBLIC DOCUMENT

Date: September 7, 2016

Name of Commission Member: **DAVE LUERS**

South Dakota Aeronautics Commission

Brief explanation of your potential conflict of interest:

I co-own an Airplane that is based in Pierre SD. I own a hanger which is located on Pierre Airport property. I pay a lease for the land at the Pierre Airport on which the hanger sits. The Commission has jurisdiction over Federal and State funding of the Pierre Airport.

Briefly explanation of the current or anticipated business transaction with a State agency or with a political subdivision of the State and your role in the transaction:

I intend to continue to lease the land under my hanger from the Pierre Airport.

Brief explanation of the essential terms of the contract or transaction:

Typical airport land lease under footprint of hanger.

Briefly explain why you believe a waiver should be granted:

At the public Airport in Pierre, South Dakota, the land under "owned hangers" remains under the ownership of the Airport. The hanger owner must pay a lease for the land upon which the hanger sits.

I have a potential conflict of interest regarding issues of funding for the Pierre Airport in that I have a hanger lease on Airport property and I use the Pierre Airport as a home base.

I use other airports within the State of South Dakota.

By statute, A majority of the members of the Aeronautics Commission must be active in aviation in some manner.

It is the Aeronautic Commission charge to use its available Federal and State funding to improve airports within the State.

I receive no compensation from the Pierre Airport. I receive no compensation from any other Aeronautic facility in South Dakota.

Signature of Commissioner:

Dave Luers 9-7-16

**South Dakota Aeronautics Commission
Meeting Minutes
Aviation Hanger, SDSU Aviation Complex, Brookings, South Dakota
August 23, 2016 @ 11:00 AM**

MEMBERS: Skip VanDerhule, Chairman
Dave Luers
Arnie Hauge
Dan Noteboom
Chris Funk
Eric Odenbach

STAFF: Joel Jundt, Tessa Wenner, Bonnie Olson, Karla Engle, and Jon Becker

OTHERS: Steve Hamilton, Patty Bawn, Mary Kidwiler, Keith Corbett, Jackie Lanning, Tim Reed, Cody Christensen, Alex Lippincart, Alex Bonnehier, Ethan Erickson, Aaron Reese, Jacob Rosenbauer, Andy Leonard, Lynn Riedesel, and Orv Smidt

AGENDA ITEMS:

- Call to Order SDSU Aviation Complex
- Tour of Brookings Regional Airport
- Recess for lunch, provided at the SDSU Aviation Complex
- Reconvene Commission Meeting
- Consideration of Conflicts of Interest
- Consideration of the August 3, 2016, Meeting Minutes
- Secretary's Report
- Consideration of Tall Structure
- Consideration of AIP Grants
- Consideration of Britton Airport name change

Chairman VanDerhule called the regular meeting of the South Dakota Aeronautics Commission (the "Commission") to order at 11:05 AM. A roll call was taken and a quorum was determined. The meeting was held at the South Dakota State University ("SDSU") Aviation Complex located at the Brookings Regional Airport.

Skip Vanderhule, Chairman

Tour of Brookings Regional Airport

The Commission, press, members of the public, and staff from the South Dakota Department of Transportation (the "Department") toured the updated runway and taxiways at the Brookings Regional Airport.

Lunch, provided at the SDSU Aviation Complex. 12:00 PM

The Commission business resumed at 1:05 PM.

Consideration of Conflicts of Interest

Chairman Vanderhule turned over the meeting to Vice Chairman Odenbach, who then presided.

Vice Chairman Odenbach opened the floor to Commission members to disclose potential conflicts of interest and to present requests for waivers pursuant to South Dakota Codified Law (SDCL) chapter 3-23.

Vanderhule submitted three written disclosures requesting waivers from the Commission as follows:

- 1) Vanderhule co-owns an airplane which is based at the Yankton airport in hangar space leased from the city of Yankton, South Dakota. The city of Yankton, South Dakota is an airport sponsor. By statute, the Commission has jurisdiction over the Yankton airport as well as all public use, public owned, airports in the state.
- 2) Vanderhule owns a business that sells welding gasses and related supplies. One of the customers for Vanderhule's business is the Department of Transportation (the "Department") highway shop in Yankton. The annual sales to the DOT are less than \$300.00. To the best of Vanderhule's knowledge, there are no contracts or other matters directly involving the Commission and Vanderhule's business. If the annual sales amount increases substantially to the Department, Vanderhule will submit a letter of disclosure to the Commission and request an additional waiver.
- 3) Vanderhule owns a business that sells welding gasses and related supplies. Some of these are sold to the city of Yankton, South Dakota, which is the sponsor of the Yankton airport. The Aeronautics Commission has jurisdiction over the Yankton airport. There is a small oxygen and acetylene cylinder in the Yankton airport's maintenance building that city employees use in repairing equipment used for airport maintenance.

Motion by Funk, second by Hauge, to approve the three waiver requests submitted by Vanderhule as the Commission has determined that the matters underlying the conflicts are fair, reasonable, and not contrary to the public interest. A roll call vote was taken and all voted aye, except for VanDerhule, who abstained in the Commission discussion and vote. The motion carried.

Vice Chairman Odenbach turned the meeting back over to Chairman Vanderhule.

Funk submitted two written disclosures requesting waivers from the Commission as follows:

- 1) Funk co-owns several aircraft that are based at the Brookings Airport in hangar space leased at the Brookings Airport.
- 2) Funk works for SDSU Aviation based at the Brookings Airport. SDSU aviation is the largest, most active flight school in South Dakota. SDSU Aviation has received grants for the promotion of aviation. Funk will abstain from any discussion and voting in regard to SDSU Aviation.

Motion by Odenbach, second by Hauge, to approve the two waiver requests submitted by Funk as the Commission has determined that the matters underlying the conflicts are fair, reasonable, and not contrary to the public interest. A roll call vote was taken and all voted aye, except for Funk, who abstained in the Commission discussion and vote. The motion carried.

Chairman Vanderhule introduced the Mayor of the city of Brookings, South Dakota, to the Board. Mayor Tim Reed welcomed and thanked the Commission on behalf of the city of Brookings, South Dakota.

Skip Vanderhule, Chairman

Approve Minutes from July 3, 2016 meeting

Motion by Odenbach, second by Luers, to approve the July 3, 2016, meeting minutes. A roll call vote was taken and all voted aye. The motion carried.

**Joel Jundt, Deputy Secretary of SDDOT
Secretary's Report**

Jundt inquired of the Commission as to a detail standpoint on the amount of information the Commission would like to receive regarding agenda items. The Commission agreed the amount and type of information they are currently receiving is sufficient. No action was taken.

Consideration of Tall Structure

Permit # 2016-8088-8091 Mobridge, SD
FAA Aeronautical Study 2016-AGL-8088- 8091-OE

Rachel Anderberg will be building a barn approximately 50 feet south of her existing home. This barn will be approximately 0.7 miles east and south of the Mobridge airport. The FAA has determined:

- ◆ This proposal does not exceed FAA obstruction standards and would not be a hazard to air navigation.
- ◆ Aeronautical studies must be marked/lighted as per FAA requirements.

The Department recommended Commission approval.

Motion by Odenbach, second by Noteboom, to approve Permit # 2016-8088-8091 Mobridge, SD. A roll call vote was taken and all voted aye. The motion carried.

Jon Becker, Office of Aeronautics
Consideration of AIP Grants

Chairman Vanderhule requested the funding requests for Brookings 3-46-0005-028-2016, Faith 3-46-0076-008-2016, and Pierre 3-46-0044-036-2016 be considered individually from the remainder of the projects.

The Department requested funding from the State Aeronautics Fund for the Airport Improvement Program (AIP) projects as follows:

Funk recused himself from the discussion and vote on the Brookings funding request.

Brookings 3-46-0005-028-2016

Design of Runway 17/35 reconstruction (1700' x 60').

Federal Share	\$ 81,000.00
State Share	\$ 4,500.00
Local Share	\$ 4,500.00
Total	\$ 90,000.00

The Department recommended approval of state assistance in the amount of \$4,500.00.

Motion by Odenbach, second by Hauge, to approve state assistance in the amount of \$4,500.00 for Brookings 3-46-0005-028-2016.. Roll call vote was taken all voted aye, except Funk who abstained. The motion carried.

Funk rejoined the discussion.

Faith 3-46-0076-008-2016

Upgrade fuel system and card reader.

Federal Share	\$ 289,800.00
State Share	\$ 16,100.00
Local Share	\$ 16,100.00
Total	\$ 322,000.00

The Department recommended approval of state assistance in the amount of \$16,100.00.

Motion by Funk, second by Noteboom, to approve state assistance in the amount of \$16,100.00 for Faith 3-46-0076-008-2016.

Funk made a motion to amend his original motion, second by Hauge, to approved moving forward with the project with \$0.00 in state assistance.

Funk withdrew amended the motion with the consent of Hauge.

The Commission voted on the original motion, to approve state assistance in the amount of \$16,100.00 for Faith 3-46-0076-008-2016. A roll call vote was taken and all voted nay. The motion failed.

Luers recused himself from the discussion and vote on the Pierre funding request.

Pierre 3-46-0044-036-2016

Airport master plan update; electronic ALP, aeronautical survey, exhibit A title research and wildlife hazard assessment and management plan.

Federal Share	\$ 745,000.00
State Share	\$ 41,388.89
Local Share	\$ 41,388.89
Total	\$ 827,777.78

The Department recommended approval of state assistance in the amount of \$41,388.89.

Motion by Noteboom, second by Funk, to approve state assistance in the amount of \$41,388.89 for Pierre 3-46-0044-036-2016.. A roll call vote was taken and all voted aye, except Luers who abstained. The motion carried.

Luers rejoined the discussion.

The Commission considered the remainder of the funding requests.

DeSmet 3-46-0063-011-2016

Design and construct parking lot and access road improvements.

Federal Share	\$ 328,500.00
State Share	\$ 18,250.00
Local Share	\$ 18,250.00
Total	\$ 365,000.00

The Department recommended approval of state assistance in the amount of \$18,250.00.

Flandreau 3-46-0077-009-2016

Airport layout plan with GIS survey and narrative report.

Federal Share	\$ 153,000.00
State Share	\$ 8,500.00
Local Share	\$ 8,500.00

Total \$ 170,000.00

The Department recommended approval of state assistance in the amount of \$8,500.00.

Madison 3-46-0029-013-2016

Construct detention pond, drainage improvements, wetland mitigation and revise fencing.

Federal Share	\$ 1,077,910.00
State Share	\$ 59,883.89
Local Share	\$ 59,883.86

Total \$ 1,197,677.78

The Department recommended approval of state assistance in the amount of \$59,883.89.

Miller 3-46-0035-009-2016

Design and reconstruct apron (mill/overlay).

Federal Share	\$ 409,500.00
State Share	\$ 22,750.00
Local Share	\$ 22,750.00

Total \$ 455,000.00

The Department recommended approval of state assistance in the amount of \$22,750.00.

Sioux Falls 3-46-0050-050-2016

Partial reconstruction of runway 3-21; taxiways A, B1, B3, B4 reconstruction; taxiway K rehab within 3-21 OFA (design and construct); taxiway A south of terminal apron entrance and taxiway A2 rehab (design and construct).

Federal Share	\$ 7,048,235.00
State Share	\$ 391,568.61
Local Share	\$ 391,568.61

Total \$ 7,831,372.22

The Department recommended approval of state assistance in the amount of \$391,568.00.

Sisseton 3-46-0051-012-2016

Design of wetland mitigation and filling.

Federal Share	\$ 31,500.00
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State Share	\$ 1,750.00
Local Share	\$ 1,750.00
Total	\$ 35,000.00

The Department recommended approval of state assistance in the amount of \$1,750.00.

Wall 3-46-0069-007-2016

Develop airport master plan and electronic ALP update.

Federal Share	\$ 287,000.00
State Share	\$ 15,944.45
Local Share	\$ 15,944.44
Total	\$ 318,888.89

The Department recommended approval of state assistance in the amount of \$15,944.45.

Motion by Hauge, second by Odenbach, to approve the state assistance for the remaining AIP projects as follows:

DeSmet 3-46-0063-011-2016

state assistance in the amount of \$18,250.00

Flandreau 3-46-0077-009-2016

state assistance in the amount of \$8,500.00

Madison 3-46-0029-013-2016

state assistance in the amount of \$59,883.89

Miller 3-46-0035-009-2016

state assistance in the amount of \$22,750.00

Sioux Falls 3-46-0050-050-2016

state assistance in the amount of \$391,568.00

Sisseton 3-46-0051-012-2016

state assistance in the amount of \$1,750.00

Wall 3-46-0069-007-2016

state assistance in the amount of \$15,944.45

A roll call vote was taken and all voted aye. The motion carried.

Consideration of Britton Airport name change

On August 10, 1969, the Britton Airport held a dedication ceremony and named the airport Farrar Field. Somehow during the years the name reverted back to Britton Airport. The City of Britton would like to have the airport officially named Farrar Field.

Vanderhule requested a resolution be made to reflect the name change.

Motion by Luers, second by Odenbach, to provide a resolution from the Commission in support of the name change from Britton Airport back to Farrar Field.

A roll call vote was taken and all voted aye. The motion carried.

The Commission discussed the need to place an item on the agenda for defining a policy for fuel systems. Part of the discussion will entail how much fuel is used by the requesting airport sponsor so historical usage for that airport should be provided with the application. This item will be placed on the

agenda for next meeting and should be considered prior to consideration of any AIP grant applications.

Adjourn

Motion by, Funk, second by Hauge, to adjourn. The motion carried. Meeting adjourned at 2:45 PM.

Next meeting to be held September 27, 2016.



Department of Transportation 2
 Division of Secretariat
 Office of Air, Rail & Transit
 700 East Broadway Avenue
 Pierre, South Dakota 57501-2586
 OFFICE: 605-773-3574
 FAX: 605-773-2804

TO: South Dakota Aeronautics Commission
 FROM: Jon Becker
 Office of Air, Rail, and Transit
 DATE: September 21, 2016
 SUBJECT: Financial Assistance Agreements

The Office of Aeronautics is requesting funding from the State Aeronautics Fund for the AIP projects below.

Custer County 3-46-0011-012-2016

Design and bid apron (1700' x 60').

Federal Share	\$ 60,000.00
State Share	\$ 3,334.00
Local Share	\$ 3,333.00
Total	\$ 66,667.00

The Department recommends approval of state assistance in the amount of \$3,334.00.

Huron 3-46-0022-034-2016

Master Plan with ALP update and airport airspace analysis survey.

Federal Share	\$ 261,000.00
State Share	\$ 14,500.00
Local Share	\$ 14,500.00
Total	\$ 290,000.00

The Department recommends approval of state assistance in the amount of \$14,500.00.

Parkston 3-46-0042-011-2016

Design and construct hangar expansion area grading and partial taxiway.

Federal Share	\$ 479,079.00
State Share	\$ 26,616.00
Local Share	\$ 26,615.00
Total	\$ 532,310.00

The Department recommends approval of state assistance in the amount of \$26,616.00.

Watertown 3-46-0058-030-2016

Design and construct runway 12/30, taxiway A1, A2, A3, A4, including construction engineering and testing services.

Federal Share	\$ 7,875,000.00
State Share	\$ 437,500.00
Local Share	\$ 437,500.00
Total	\$ 8,750,000.00

The Department recommends approval of state assistance in the amount of \$437,500.00.

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Reconsideration of Belle Fourche & Faith Airport Fuel Systems according to new guidelines.

Belle Fourche 3-46-0072-011-2016

Design and construct new fuel system with card reader, pumps, 20' x 30' concrete pad, system piping and electrical

Federal Share	\$ 381,774.50
State Share	\$ 21,209.70
Local Share	\$ 21,209.69
Total	\$ 424,193.89

The Department recommends approval of state assistance in the amount of \$21,209.70.

Faith 3-46-0076-008-2016

Upgrade fuel system and card reader

Federal Share	\$ 289,800.00
State Share	\$ 16,100.00
Local Share	\$ 16,100.00
Total	\$ 322,000.00

The Department recommends approval of state assistance in the amount of \$16,100.00.

**CUSTER COUNTY AIRPORT 012-2016 GRANT
COST SUMMARY**

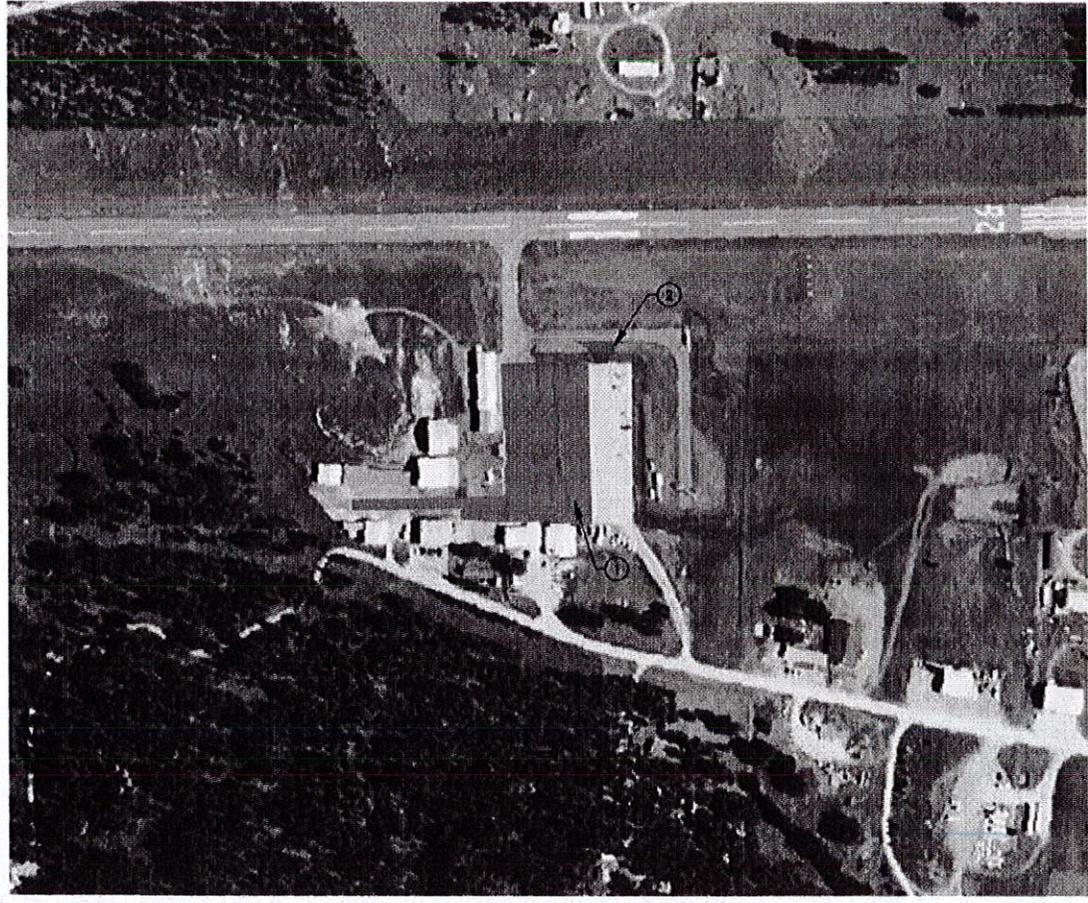
Consulting Services

General Aviation Apron Construction (Design, Bidding and Negotiations)	\$ 58,474.78
Preliminary Geotechnical Services.....	\$ 6,000.00

Administration

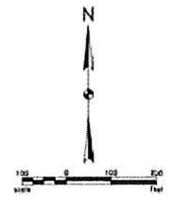
Administration, Legal, Advertising, etc.	\$ 2,191.88
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TOTAL	\$66,666.66
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PROJECT WORK DESCRIPTION

- ① RECONSTRUCT GENERAL AVIATION APRON AND TAXIWAY (APPROXIMATELY 8,500 S.F.)
- ② CONSTRUCT APRON ACCESS



PRELIMINARY



CUSTER COUNTY AIRPORT
CUSTER COUNTY
CUSTER, SD

PROJECT WORK DESCRIPTION

PROJECT	0001
NO.	0001
DATE	10/21/2015
SHEET	1

Oct 23, 2015 - 11:50am - P:\Project\SD\Custer\A\1012-2015\Fire App\PMO.dwg (HW)

Attachment B - Design and Bidding Services



Sub Task Code	Sub Task Title & Work Item Description	Rate							Administrative Assistant	LABOR Subtotal	Air Charter (per hour x rate)	Per Diem (per hour x rate)	Vehicle Usage (vehicle x days)	Material and Supplies	EXPENSE Subtotal	Subcontractor Bid	Subcontractor's Name	Subcontractor Fee	SUB TASK TOTAL			
		\$	80.00	\$	20.00	\$	25.00	\$												50.00	\$	10.00
2.1 Project Administration																						
	Project Kickoff Meeting with Owner	1							\$	80.00									\$	80.00		
	Project Kickoff Meeting with Architect	1							\$	80.00										\$	80.00	
	Project Present Detailed Scope of Services and Schedule	2							\$	160.00										\$	160.00	
	Project Detailed Scope of Services Review with FTA	2							\$	160.00										\$	160.00	
	Obtaining Detailed Scope of Services and FTA from Architect	2							\$	160.00										\$	160.00	
	Agreement by the General Services	1							\$	80.00										\$	80.00	
	Subtotal of Sub Task 2.1								\$	720.00										\$	720.00	
2.2 Project Management																						
	Develop Project Management Plan	2							\$	160.00											\$	160.00
	Project Budget Meeting	1							\$	80.00											\$	80.00
	Project Budget Review	1							\$	80.00											\$	80.00
	Bi-Weekly Budget Review - Production	6							\$	480.00											\$	480.00
	Monthly Meeting	6							\$	480.00											\$	480.00
	Project Internal Meeting	6							\$	480.00											\$	480.00
	Develop Quality Control Plan	1							\$	80.00											\$	80.00
	FAA Grant Construction - Submit and track processing	2							\$	160.00											\$	160.00
	FAA Grant Pre-Application Checklist	2							\$	160.00											\$	160.00
	Monthly Status Reports	6							\$	480.00											\$	480.00
	FAA Quarterly Reports	3							\$	240.00											\$	240.00
	FAA Reporting	6							\$	480.00											\$	480.00
	Prepare IICOT Asset Review Instructions	2							\$	160.00											\$	160.00
	Subtotal of Sub Task 2.2								\$	2,520.00											\$	2,520.00
2.3 Project Pre-Bid																						
	Pre-Bid Meeting	2							\$	160.00											\$	160.00
	Site Visit, Investigation and Data Collection	1							\$	80.00											\$	80.00
	Coordinate Preliminary Cost Investigation	1							\$	80.00											\$	80.00
	Preliminary Survey and Data Map Production	2							\$	160.00											\$	160.00
	Developing Project Justification	1							\$	80.00											\$	80.00
	Identify and Review Environmental Constraints	1							\$	80.00											\$	80.00
	Applications for Federal Assistance	2							\$	160.00											\$	160.00
	Analysis of FAA Standards	1							\$	80.00											\$	80.00
	Complete Permitting Changes - Life Cycle Cost Analysis	1							\$	80.00											\$	80.00
	Environmental Impact Report	1							\$	80.00											\$	80.00
	Prepare Preliminary (pre-bid) of General Update Airport	1							\$	80.00											\$	80.00
	Capital Investment Plan (CIP)	1							\$	80.00											\$	80.00
	Develop IIR Plan	1							\$	80.00											\$	80.00
	One Year Internal Document Review	1							\$	80.00											\$	80.00
	Subtotal of Sub Task 2.3								\$	1,090.00											\$	1,090.00
2.4 Preliminary Plan & Specifications																						
	Coordinate Permitting Changes	6							\$	480.00											\$	480.00
	Develop Project Description	6							\$	480.00											\$	480.00
	Prepare Construction Estimate Design	2							\$	160.00											\$	160.00
	Develop Civil Working Plan	1							\$	80.00											\$	80.00
	Prepare Storm Drainage Design	2							\$	160.00											\$	160.00
	Prepare Gravel Control Plan	2							\$	160.00											\$	160.00
	Polishing Plan Show	1							\$	80.00											\$	80.00
	Clear Mark	1							\$	80.00											\$	80.00
	Storm Drain	1							\$	80.00											\$	80.00
	Prepare Work Description and Item of Estimate	1							\$	80.00											\$	80.00
	Construction Safety and Planning Plan	1							\$	80.00											\$	80.00
	Construction Safety and Planning Plan Details and Notes	1							\$	80.00											\$	80.00
	Traffic Control Details	1							\$	80.00											\$	80.00
	Excavation Control Plan and Details	0.5							\$	40.00											\$	40.00
	Excavation Safety Plan	0.5							\$	40.00											\$	40.00
	General Program and Construction Notes	2							\$	160.00											\$	160.00
	Construction Plan and Notes	2							\$	160.00											\$	160.00
	Typical Pavement Section	0.5							\$	40.00											\$	40.00
	Loading and Unloading Plan	1							\$	80.00											\$	80.00
	South Tower Laydown Details	1							\$	80.00											\$	80.00
	Excavation Layout and Details	1							\$	80.00											\$	80.00
	Final Layout and Details	1							\$	80.00											\$	80.00
	Pavement Marking Plan - Permanent	1							\$	80.00											\$	80.00
	Pavement Marking Details - Permanent	1							\$	80.00											\$	80.00
	Subcontractor Coordination	2							\$	160.00											\$	160.00
	Prepare Preliminary Contract Documents	1							\$	80.00											\$	80.00
	Prepare Technical Specifications	2							\$	160.00											\$	160.00
	Prepare Memorandum to the State Request	1							\$	80.00											\$	80.00

Attachment B - Design and Bidding Services



Sub-Task Code	Sub-Task Title & Work Item Description	Engineer IV	Engineer II	Engineer I	Surveyor IV	Surveyor III	Surveyor I	Administrative Assistant I	LABOR Subtotal	Air Charter (per person x days)	Per Item (per person x days)	Vehicle Usage (vehicle x days)	Miscellaneous and Supplies	EXPENSE Subtotal	Subcontractor Bid	Subcontractor's Name	Subcontractor Fee	M/B TASK TOTAL
	Sub-Task 1.1: Preliminary Services & Construction Cost																	
	Prepare Preliminary Estimates of Construction Cost	1	1						\$ 40.00									\$ 40.00
	Prepare Preliminary Construction Schedule	1	1						\$ 30.00									\$ 30.00
	Preliminary Internal Plans and Specifications Review	1	1	1					\$ 204.00									\$ 204.00
	Preliminary Design Review Meeting with Owner	1							\$ 217.00									\$ 217.00
	Provide Owner Meetings	1							\$ 252.00									\$ 252.00
	Provide Agency Meetings	1							\$ 252.00									\$ 252.00
	Subtotal of Sub-Task 1.1	14	14	14					\$ 1,085.00									\$ 1,085.00
	Sub-Task 1.2: Final Plans and Specifications																	
	Prepare Final Plans and Specifications	2	2						\$ 104.00									\$ 104.00
	Prepare Final Plans	1	1						\$ 100.00									\$ 100.00
	Prepare Final Construction Technical Specifications	1	1						\$ 212.00									\$ 212.00
	Prepare Final Construction Schedules and Manpower Plan	1	1						\$ 110.00									\$ 110.00
	Update Final Quantity and Construction Cost Estimate	1	1	1					\$ 88.00									\$ 88.00
	Update Construction Schedule	1	1						\$ 152.00									\$ 152.00
	Final Plans and Specifications Review	1	1						\$ 78.00									\$ 78.00
	Final Internal Plans and Specifications Review	1	1						\$ 100.00									\$ 100.00
	Final Plans and Specifications Presentation	1	1	1					\$ 47.00									\$ 47.00
	Final Design Review Meeting with Owner	1							\$ 212.00									\$ 212.00
	Provide Owner Meetings	1							\$ 252.00									\$ 252.00
	Provide Agency Meetings	1							\$ 252.00									\$ 252.00
	Subtotal of Sub-Task 1.2	22	22	14					\$ 2,082.00									\$ 2,082.00
	Sub-Task 1.3: Bidding Services																	
	Develop Division Plans and Specifications								\$ 520.00									\$ 520.00
	Obtain and Administer	2	1						\$ 78.00									\$ 78.00
	Obtain and Respond to Contractor Questions	2	1						\$ 400.00									\$ 400.00
	Open and Monitor Bidding Process	1	1						\$ 110.00									\$ 110.00
	Issue Awards	1	1						\$ 100.00									\$ 100.00
	Award Bid Opening	1	1						\$ 252.00									\$ 252.00
	Prepare Bid Tabulation	1	1						\$ 100.00									\$ 100.00
	Prepare Construction Performance Review	1	1						\$ 78.00									\$ 78.00
	Prepare Recommendations of Award	1							\$ 80.00									\$ 80.00
	Prepare and Submit FAA Grant Application	1							\$ 110.00									\$ 110.00
	Prepare and Submit Construction Contract Documents	1							\$ 80.00									\$ 80.00
	Subtotal of Sub-Task 1.3	12	12	1					\$ 1,822.00									\$ 1,822.00
	Task Total Quantity	114	135	98	3	24	24	14	451									
	Task Total Dollars	\$ 6,612.00	\$ 5,266.00	\$ 2,842.00	\$ 100.00	\$ 912.00	\$ 672.00	\$ 972.00	\$ 17,275.00									\$ 17,275.00

Summary of Task Costs:		2016 Lump Sum
Direct Labor		\$ 17,378.00
Indirect Costs - 187.72%		\$ 32,418.25
Subtotal		\$ 49,796.25
Fixed Fee - 15.00%		\$ 7,469.44
Cost of Facilities - 0.9%		\$ 448.08
Expenses		\$ -
Subcontractor		\$ -
Total Estimated Engineering Costs		\$ 57,713.77

KJJ Project Name: **GA Ancon Reconstruction**
 Airport Description: **ATIS and 011/012 Taxi General Aviation Reconstruction Phase**
 S/U Report Control:

Attachment B - FAA Project Closeout Report



Sub Task Code	Sub Task Title & Work Item Description	Engineer IV	Engineering Tech III	Project Assistant	Engineering Tech I	Project Assistant III	LABOR Subtotal	Air Charter (person x trips)	Fuel (person x days)	Vehicle Leases (vehicle x days)	Materials and Supplies	EXPENSE Subtotal	Subcontractor Bill	Subcontractor's Name	Subcontractor Fee	SUB TASK TOTALS
	Overall Project Management	1					\$ 35.00					\$ -			\$ -	\$ 35.00
	Prepare Closeout Summary	1	1				\$ 40.00					\$ -			\$ -	\$ 40.00
	Prepare Closeout Sign-off Documents	1	4			2	\$ 127.00					\$ -			\$ -	\$ 127.00
	Subtotal of Sub Task (Task Code)	2	2			2	\$ 202.00					\$ -			\$ -	\$ 202.00
Task Total Quantity		2	9			2	13									
Task Total Dollars		\$ 116.00	\$ 387.00			\$ 55.00	\$ 558.00									\$ 558.00

Summary of Task Costs:		2016 Lump Sum
Direct Labor		\$ 958.00
Indirect Costs - 137.72%		\$ 1,047.48
Subtotal		\$ 1,805.48
Fixed Fee - 13.00%		\$ 208.71
Cost of Facilities - 0.95%		\$ 30
Expenses		\$ -
Subcontractors		\$ -
Total Estimated Engineering Costs		\$ 1,819.49

COST SUMMARY

HURON REGIONAL AIRPORT (HURON, SD)

MASTER PLAN WITH ALP UPDATE AND OBSTRUCTION SURVEY

AIRPORT LAYOUT PLAN	CONTRACTED	\$ 151,850.00
MASTER PLAN	CONTRACTED	\$ 129,285.00
OUTSIDE SERVICES		
INDEPENDENT REVIEW OF COSTS		\$ 2,000.00
ADMINISTRATION		\$ 6,865.00
		<hr/>
TOTAL PROJECT COST		\$ 290,000.00

Project Narrative

The Huron Regional Airport is starting a Master Plan for the airport. Several areas of interest have been identified for further evaluation and review. They include justification for current and future runway lengths and apron areas, improved approaches on 17, 30 and 35 ends, and to be able to accommodate corporate aviation and ag-spray applicators. Included with the Master Plan will be an ALP update to provide the owner and users a depiction of the current boundaries and proposed additions for airport purposes. It will also show location and nature of existing and proposed airport facilities, structures, non-aviation areas, and possible improvements. Also included will be an RPZ and BCA Analysis for improved approach on the 17, 30, and 35 ends if deemed necessary. An FAA Airport Airspace Analysis Survey will also be completed.

Helms & ASSOCIATES

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**Apron and Hangar Area Expansion
Parkston Municipal Airport
Parkston, South Dakota
AIP #3-46-0001-036-2016
Helms #A-6328
Revised Engineer's Estimate
August, 2016**

Base Bid

Item #	Spec #	Item Description	Quantity	Unit	Unit Price	Total Price
1	GP-105	Mobilization	1	L.S.	\$ 28,500.00	\$ 28,500.00
2	GP-50	Construction Staking	1	L.S.	\$ 17,800.00	\$ 17,800.00
3	S-100	Construction Safety Phasing Plan	1	L.S.	\$ 8,855.00	\$ 8,855.00
4	P-101	Asphalt Pavement Removal (1.5" Nominal Depth)	39	SqYd	\$ 12.00	\$ 468.00
5	P-152	Unclassified Excavation	1,039	CuYd	\$ 4.20	\$ 4,363.80
6	P-152	On-Site Borrow Excavation	2,094	CuYd	\$ 5.40	\$ 11,307.60
7	P-154 (MOD)	Subbase Course	4,370.0	Ton	\$ 14.90	\$ 65,113.00
8	P-208 (MOD)	Aggregate Base Course	996.0	Ton	\$ 19.40	\$ 19,322.40
9	P-403	Bituminous Base/Surface Course	496.0	Ton	\$ 110.00	\$ 54,560.00
10	P-602	Bituminous Prime Coat	3.9	Ton	\$ 1,800.00	\$ 7,020.00
11	P-603	Bituminous Tack Coat	1.2	Ton	\$ 632.00	\$ 758.40
12	P-620	Taxiway Painting	1	L.S.	\$ 2,775.00	\$ 2,775.00
13	F-160	Barbed Wire Fence	1,351	Ft	\$ 2.20	\$ 2,972.20
14	F-160	Brace Panel	1	Each	\$ 280.00	\$ 280.00
15	F-160	Corner Panel	4	Each	\$ 780.00	\$ 3,120.00
16	D-701	18" RCP Arch	90	Ft	\$ 40.60	\$ 3,654.00
17	D-701	18" RCP Arch Flared End	2	Each	\$ 480.00	\$ 960.00
18	D-701	24" RCP Arch	270	Ft	\$ 53.00	\$ 14,310.00
19	D-701	24" RCP Arch Flared End	6	Each	\$ 530.00	\$ 3,180.00
20	D-705 (MOD)	4" Perforated Underdrain	1,227	Ft	\$ 7.40	\$ 9,079.80
21	D-705 (MOD)	Underdrain Cleanout	7	Each	\$ 120.00	\$ 840.00
22	D-705 (MOD)	Connect Underdrain to RCP	5	Each	\$ 150.00	\$ 750.00
23	T-901	Seeding and Fertilizing	2.0	Acre	\$ 1,725.00	\$ 3,450.00
24	T-905	Topsoiling	1,495	CuYd	\$ 3.70	\$ 5,531.50
25	TL-100	Field Laboratory, Type I	1	Each	\$ 4,500.00	\$ 4,500.00
26	SP-2	Geogrid	500	SqYd	\$ 3.20	\$ 1,600.00
27	SP-3	Geotextile Separator Fabric	3,255	SqYd	\$ 1.60	\$ 5,208.00
28	Plans	Remove and Dispose of Barbed Wire Fence	1,106	Ft	\$ 0.60	\$ 663.60
29	Plans	Remove and Dispose of Aircraft Tie Downs	1	Set	\$ 250.00	\$ 250.00
30	Plans	Remove and Reset Gate	1	Each	\$ 150.00	\$ 150.00
31	Plans	4" Underdrain Outlet Structure	1	Each	\$ 220.00	\$ 220.00
32	Plans	9" Diameter Erosion Control Wattles	40	Ft	\$ 5.75	\$ 230.00
33	Plans	Type II Erosion Control Blanket	1,275	SqYd	\$ 2.40	\$ 3,060.00
34	Plans	High Flow Silt Fence	65	Ft	\$ 5.75	\$ 373.75
Base Bid Total						\$ 285,226.05

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Alternate Bid No. 1 - Parking Lot

Item #	Spec #	Item Description	Quantity	Unit	Unit Price	Total Price
A1-1	P-152	Unclassified Excavation	448	CuYd	\$ 10.90	\$ 4,883.20
A1-2	P-152	On-Site Borrow Material	851	CuYd	\$ 5.40	\$ 4,595.40
A1-3	T-901	Seeding and Fertilizing	0.3	Acre	\$ 1,725.00	\$ 517.50
A1-4	T-905	Topsoiling	490	CuYd	\$ 4.00	\$ 1,960.00
A1-5	SP-3	Geotextile Separator Fabric	2,338	SqYd	\$ 1.60	\$ 3,740.80
A1-6	Plans	6" PVC	95	Ft	\$ 10.00	\$ 950.00
A1-7	Plans	6" PVC 45° Bend	2	Each	\$ 100.00	\$ 200.00
A1-8	Plans	Remove, Salvage, and Reset Existing Concrete Outlet Structure	1	Each	\$ 250.00	\$ 250.00
A1-9	Plans	6" Gate Valve Extension	1	Each	\$ 250.00	\$ 250.00
A1-10	Plans	Gravel Surfacing	780.0	Ton	\$ 18.40	\$ 14,352.00
A1-11	Plans	4' Walk Gate	1	Each	\$ 300.00	\$ 300.00
Alternate Bid No. 1 Total						\$ 31,998.90

Alternate Bid No. 2 - Apron

Item #	Spec #	Item Description	Quantity	Unit	Unit Price	Total Price
A2-1	P-101	Remove and Dispose of Asphalt Surfacing	128	SqYd	\$ 12.00	\$ 1,536.00
A2-2	P-152	Unclassified Excavation	293	CuYd	\$ 19.50	\$ 5,713.50
A2-3	P-152	On-Site Borrow Material	900	CuYd	\$ 10.95	\$ 9,855.00
A2-4	P-154 (MOD)	Subbase Course	1,650.0	Ton	\$ 14.90	\$ 24,585.00
A2-5	P-208 (MOD)	Aggregate Base Course	430.0	Ton	\$ 19.40	\$ 8,342.00
A2-6	P-401	Bituminous Base/Surface Course	223.0	Ton	\$ 110.00	\$ 24,530.00
A2-7	P-602	Bituminous Prime Coat	1.7	Ton	\$ 1,800.00	\$ 3,060.00
A2-8	P-603	Bituminous Tack Coat	0.5	Ton	\$ 632.00	\$ 316.00
A2-9	D-701	24" RCP Arch	306	Ft	\$ 53.00	\$ 16,218.00
A2-10	D-705 (MOD)	4" Perforated Underdrain	456	Ft	\$ 7.40	\$ 3,374.40
A2-11	D-705 (MOD)	Underdrain Cleanout	3	Each	\$ 120.00	\$ 360.00
A2-12	T-901	Seeding and Fertilizing	0.3	Acre	\$ 1,725.00	\$ 517.50
A2-13	T-905	Topsoiling	212	CuYd	\$ 4.00	\$ 848.00
A2-14	SP-3	Geotextile Separator Fabric	1,291	SqYd	\$ 1.60	\$ 2,065.60
A2-15	Plans	Aircraft Tie Downs	2	Sct	\$ 1,680.00	\$ 3,360.00
A2-16	Plans	Type II Erosion Control Blanket	103	SqYd	\$ 2.40	\$ 247.20
Alternate Bid No. 2 Total						\$ 104,928.20

Design Engineering	\$ 31,284.69
Bidding & Negotiations	\$ 5,979.60
Construction Administration	\$ 22,519.26
Construction Engineering	\$ 29,848.76
Estimated Asphalt Testing	\$ 8,000.00
Geotechnical Exploration	\$ 2,544.00
Estimated Administration Costs	\$ 9,980.54
Project Total (Base Bid, Alternate Bid No. 1, and Alternate Bid No. 2)	\$ 532,310.00

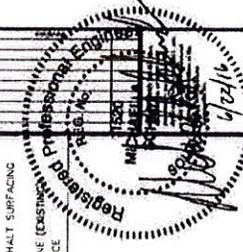
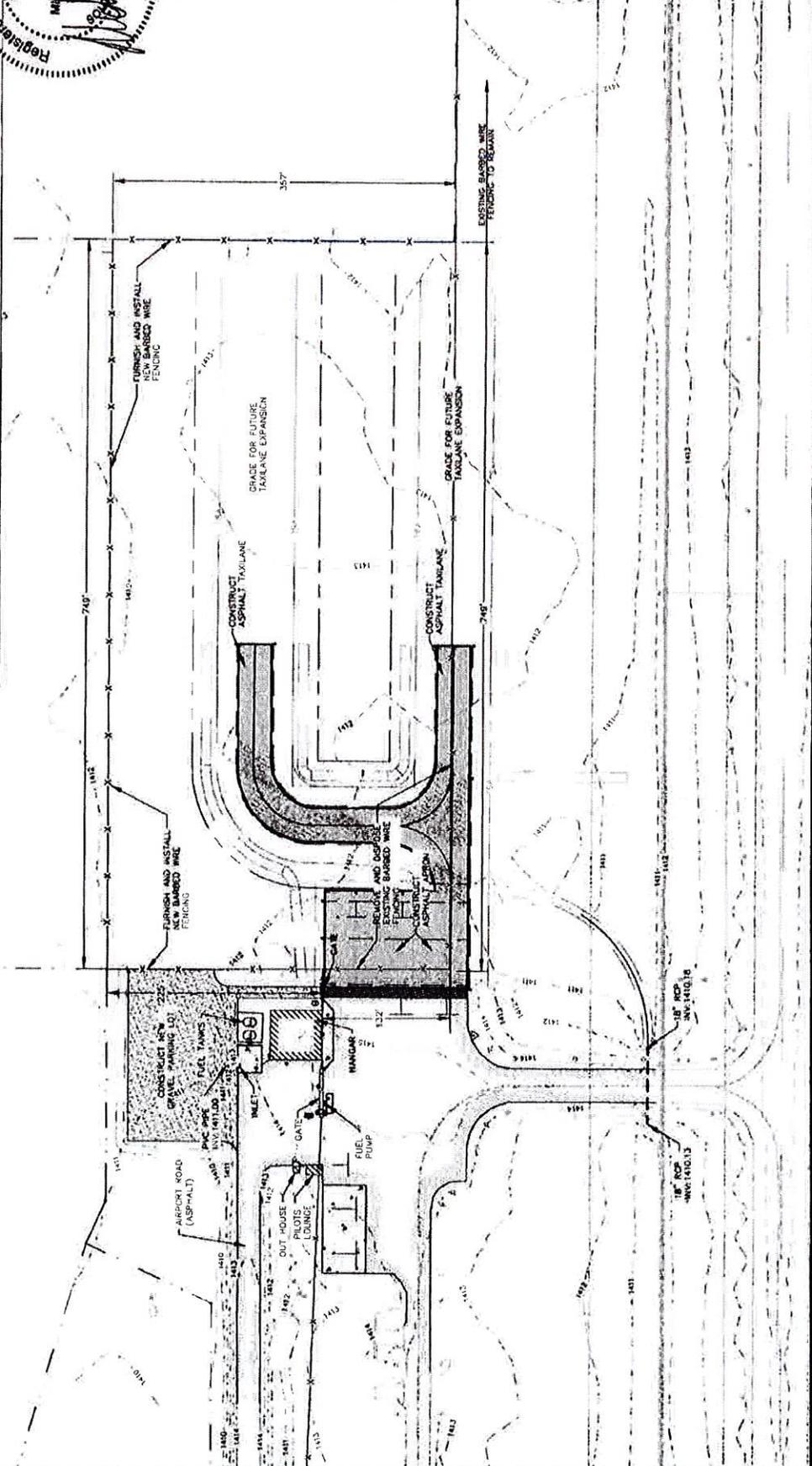


DESCRIPTION OF WORK

This project shall include the expansion of the Apron (±100' x 150'), Hangar Taxi Lane (±25' x 230'), and Parking Lot (±25' x 150'). This work includes grading, subbase course, aggregate base course, gravel surfacing, fmsa paving, pavement marking, topsoiling, seeding and other items of related construction.

PROJECT LEGEND

●	PROPERTY CORNER	▨	EXISTING GRAVEL SURFACING
○	LIGHT POLE	▩	EXISTING CONCRETE SURFACING
○	WIND SOCK	▩	BUILDINGS
○	BEACON	▩	EXISTING ASPHALT SURFACING
○	REFLECTOR	▩	PROPERTY LINE (EXISTING)
○	TIE DOWNS	▩	EXISTING FENCE
○	POWER POLE	▩	
○	STORM SEWER MANHOLES	▩	
○	CULVERTS	▩	
○	FUEL TANK	▩	
○	SURVEY MARKER	▩	
○	BENCH MARK	▩	



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Drawn by: JMO
 Title: 6445
 Date: 6/10/10
 Project No: 6445
 Client: PARKSTON MUNICIPAL AIRPORT
 Location: PARKSTON, SOUTH DAKOTA

Project Narrative

Geotechnical Exploration

A geotechnical exploration of the Hangar Taxilane Expansion is required for the pavement design.

Design and Construction of the Apron and Hangar Area Expansion

The apron expansion will consist of $\pm 100'$ x $150'$ expansion with 2 tie downs, an additional area for parking and a partial hangar taxiway expansion ($\pm 25'$ x $150'$ and $\pm 35'$ x $230'$). This area will allow for the needed tie downs and additional apron space. The taxilane construction will allow for two additional hangar locations to allow for future growth at the airport.

**APRON & HANGAR AREA EXPANSION
PARKSTON MUNICIPAL AIRPORT
PARKSTON, SOUTH DAKOTA
AIP #3-46-0042-011-2016
A-6328
BID TABULATION
7/7/2016**

Base Bid					VanderPol Dragline, Inc. Mitchell, SD	
Item #	Spec #	Item Description	Quantity	Unit	Unit Price	Total Price
1	GP-105	Mobilization	1	L.S.	\$28,500.00	\$28,500.00
2	GP-50	Construction Staking	1	L.S.	\$17,800.00	\$17,800.00
3	S-100	Construction Safety Phasing Plan	1	L.S.	\$8,855.00	\$8,855.00
4	P-101	Asphalt Pavement Removal (1.5" Nominal Depth)	39	SqYd	\$12.00	\$468.00
5	P-152	Unclassified Excavation	1,039	CuYd	\$4.20	\$4,363.80
6	P-152	On-Site Borrow Excavation	2,094	CuYd	\$5.40	\$11,307.60
7	P-154 (MOD)	Subbase Course	4,370.0	Ton	\$14.90	\$65,113.00
8	P-208 (MOD)	Aggregate Base Course	996.0	Ton	\$19.40	\$19,322.40
9	P-403	Bituminous Base/Surface Course	496.0	Ton	\$110.00	\$54,560.00
10	P-602	Bituminous Prime Coat	3.9	Ton	\$1,800.00	\$7,020.00
11	P-603	Bituminous Tack Coat	1.2	Ton	\$632.00	\$758.40
12	P-620	Taxiway Painting	1	L.S.	\$2,775.00	\$2,775.00
13	F-160	Barbed Wire Fence	1,351	Ft	\$2.20	\$2,972.20
14	F-160	Brace Panel	1	Each	\$280.00	\$280.00
15	F-160	Corner Panel	4	Each	\$780.00	\$3,120.00
16	D-701	18" RCP Arch	90	Ft	\$40.60	\$3,654.00
17	D-701	18" RCP Arch Flared End	2	Each	\$480.00	\$960.00
18	D-701	24" RCP Arch	270	Ft	\$53.00	\$14,310.00
19	D-701	24" RCP Arch Flared End	6	Each	\$530.00	\$3,180.00
20	D-705 (MOD)	4" Perforated Underdrain	1,227	Ft	\$7.40	\$9,079.80
21	D-705 (MOD)	Underdrain Cleanout	7	Each	\$120.00	\$840.00
22	D-705 (MOD)	Connect Underdrain to RCP	5	Each	\$150.00	\$750.00
23	T-901	Seeding and Fertilizing	2.0	Acre	\$1,725.00	\$3,450.00
24	T-905	Topsoiling	1,495	CuYd	\$3.70	\$5,531.50
25	TL-100	Field Laboratory, Type I	1	Each	\$4,500.00	\$4,500.00
26	SP-2	Geogrid	500	SqYd	\$3.20	\$1,600.00
27	SP-3	Geotextile Separator Fabric	3,255	SqYd	\$1.60	\$5,208.00
28	Plans	Remove and Dispose of Barbed Wire Fence	1,106	Ft	\$0.60	\$663.60
29	Plans	Remove and Dispose of Aircraft Tie Downs	1	Set	\$250.00	\$250.00
30	Plans	Remove and Reset Gate	1	Each	\$150.00	\$150.00
31	Plans	4" Underdrain Outlet Structure	1	Each	\$220.00	\$220.00
32	Plans	9" Diameter Erosion Control Wattles	40	Ft	\$5.75	\$230.00
33	Plans	Type II Erosion Control Blanket	1,275	SqYd	\$2.40	\$3,060.00
34	Plans	High Flow Silt Fence	65	Ft	\$5.75	\$373.75
Total Base Bid					\$285,226.05	

Alternate Bid No. 1 - Parking Lot

VanderPol Dragline, Inc. Mitchell, SD	
Unit Price	Total Price
\$10.90	\$4,883.20
\$5.40	\$4,595.40
\$1,725.00	\$517.50
\$4.00	\$1,960.00
\$1.60	\$3,740.80
\$10.00	\$950.00
\$100.00	\$200.00
\$250.00	\$250.00
\$250.00	\$250.00
\$18.40	\$14,352.00
\$300.00	\$300.00
Total Alternate Bid No. 1	
\$31,998.90	
Total Base Bid plus Alternate Bid No. 1	
\$317,224.95	

Alternate Bid No. 2 - Apron

VanderPol Dragline, Inc. Mitchell, SD	
Unit Price	Total Price
\$12.00	\$1,536.00
\$19.50	\$5,713.50
\$10.95	\$9,855.00
\$14.90	\$24,585.00
\$19.40	\$8,342.00
\$110.00	\$24,530.00
\$1,800.00	\$3,060.00
\$632.00	\$316.00
\$53.00	\$16,218.00
\$7.40	\$3,374.40
\$120.00	\$360.00
\$1,725.00	\$517.50
\$4.00	\$848.00
\$1.60	\$2,065.60
\$1,680.00	\$3,360.00
\$2.40	\$247.20
Total Alternate Bid No. 2	
\$104,928.20	
Total Base Bid plus Alternate Bid No. 2	
\$390,154.25	
Total Base Bid plus Alternate Bid No. 1 and Alternate Bid No. 2	
\$422,153.15	

I HEREBY CERTIFY THAT THE FOREGOING IS AN ACCURATE REPRESENTATION AND TABULATION OF ALL BIDS RECEIVED AND THAT THE MATHEMATICS HAVE BEEN CHECKED AND IS TO THE BEST OF MY KNOWLEDGE CORRECT:

PROJECT ENGINEER: Michael A. Schind DATE: 7-7-2016

Helms & ASSOCIATES

CIVIL ENGINEERS & LAND SURVEYORS

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Phone: (605) 225-1212 Fax: (605) 225-3180
Email: operations@helmsengineers.com

**Runway 12/30 Reconstruction
Watertown Regional Airport
AIP #3-46-0058-030-2016**

Helms # A-6158

Revised Engineer's Estimate

August, 2016

Base Bid

Item #	Spec #	Item Description	Quantity	Unit	Unit Price	Total Cost
1	GP-105	Mobilization	1	L.S.	\$1,000,000.00	\$1,000,000.00
2	GP-50	Construction Staking	1	L.S.	\$90,000.00	\$90,000.00
3	S-100	Construction Safety Phasing Plan	1	L.S.	\$75,000.00	\$75,000.00
4	P-101	Asphalt Pavement Removal (3.5" Nominal Depth)	3,414	SqYd	\$2.10	\$7,169.40
5	P-101	Concrete Pavement Removal (6" Nominal Depth)	2,622	SqYd	\$4.00	\$10,488.00
6	P-101	Concrete Pavement Removal (12" Nominal Depth)	113	SqYd	\$6.00	\$678.00
7	P-101	Cold Milling (1.5" Nominal Depth)	10,241	SqYd	\$1.35	\$13,825.35
8	P-152	Unclassified Excavation	57,568	CuYd	\$2.50	\$143,920.00
9	P-152	Disposal of Excess Material	34,378	CuYd	\$1.00	\$34,378.00
10	P-154 (MOD)	Subbase Course	9,710.0	Ton	\$14.00	\$135,940.00
11	P-209 (MOD)	Crushed Aggregate Base Course	26,925.0	Ton	\$23.00	\$619,275.00
12	P-401	Bituminous Surface Course	1,767.0	Ton	\$70.00	\$123,690.00
13	P-401	Bituminous Binder (PG 64-28)	124.0	Ton	\$600.00	\$74,400.00
14	P-501	12" PCC Pavement	80,609	SqYd	\$50.00	\$4,030,450.00
15	P-501	Reinforcement for Odd Shaped Panels	702	SqYd	\$30.00	\$21,060.00
16	P-603	Bituminous Tack Coat	10.0	Ton	\$800.00	\$8,000.00
17	P-605	Silicone Joint Sealing Filler	65,122	Ft	\$1.50	\$97,683.00
18	P-605	Hot Pour Joint Sealing Filler	10,961	Ft	\$1.00	\$10,961.00
19	P-605	Silicone Joint Sealing Filler w/Expansion Board	819	Ft	\$3.00	\$2,457.00
20	P-620	Runway and Taxiway Painting	1	L.S.	\$65,000.00	\$65,000.00
21	P-620	Runway and Taxiway Painting (RHP, ETCL, SPHPS)	1	L.S.	\$11,000.00	\$11,000.00
22	P-621	Saw Cut Runway Grooving	47,711	SqYd	\$1.80	\$85,879.80
23	D-701	24" RCP	973	Ft	\$45.00	\$43,785.00
24	D-701	30" RCP	653	Ft	\$55.00	\$35,915.00
25	D-701	30" RCP Flared End	1	Each	\$700.00	\$700.00
26	D-705 (MOD)	6" Perforated Underdrain	3,693	Ft	\$8.50	\$31,390.50
27	D-705 (MOD)	Connect to Existing Underdrain	4	Each	\$300.00	\$1,200.00
28	D-705 (MOD)	Connect Underdrain to RCP	4	Each	\$950.00	\$3,800.00
29	D-751	48" Underdrain Manhole	12	Each	\$3,000.00	\$36,000.00
30	D-751	4' x 4' Storm Sewer Inlet w/Type E Frame and Grate and 10' Concrete Apron	5	Each	\$8,000.00	\$40,000.00
31	T-901	Seeding and Fertilizing	20.0	Acre	\$775.00	\$15,500.00
32	T-905	Topsolling	5,010	CuYd	\$4.00	\$20,040.00
33	TL-100	Field Laboratory, Type I	1	Each	\$20,000.00	\$20,000.00
34	SP-1	Mill and Salvage Asphalt Pavement (3.5" Nominal Depth)	5,915	SqYd	\$2.50	\$14,787.50
35	SP-1	Mill and Salvage Asphalt Pavement (10" Nominal Depth)	59,750	SqYd	\$2.50	\$149,375.00
36	SP-1	Mill and Salvage Asphalt Pavement/Base Materials (18" Nominal Depth)	12,112	SqYd	\$3.50	\$42,392.00
37	SP-1	Remove, Crush, Stockpile PCC Pavement (11" Nominal Depth)	59,750	SqYd	\$5.00	\$298,750.00

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38	SP-1	Remove, Crush, Stockpile PCC Pavement (15" Nominal Depth)	5,915	SqYd	\$6.00	\$35,490.00
39	SP-1	Mix, Place, and Compact Salvaged Material (14" Nominal Depth)	17,826	SqYd	\$3.00	\$53,478.00
40	SP-1	Mix, Place, and Compact Salvaged Material (18" Nominal Depth)	4,120	SqYd	\$2.50	\$10,300.00
41	SP-1	Mix, Place, and Compact Salvaged Material (21" Nominal Depth)	59,750	SqYd	\$3.00	\$179,250.00
42	SP-2	Geogrid	6,000	SqYd	\$2.50	\$15,000.00
43	SP-3	Geotextile Separator Fabric	82,626	SqYd	\$1.50	\$123,939.00
44	Plans	Remove and Dispose of Storm Sewer Inlet	1	Each	\$900.00	\$900.00
45	Plans	Remove and Dispose of RCP	431	Ft	\$15.00	\$6,465.00
46	Plans	Sediment Control at Inlet/Culvert	14	Each	\$150.00	\$2,100.00
47	Plans	High Flow Silt Fence	800	Ft	\$4.00	\$3,200.00
48	L-100-2.1	Removals and Salvage (Airfield Lighting Systems)	1	L.S.	\$12,000.00	\$12,000.00
49	L-108-5.1	Trench and Backfill for Duct	5,550	Ft	\$1.20	\$6,660.00
50	L-108-5.2	1/C #8 L-824C 5 kV Cable, installed in duct	10,500	Ft	\$1.00	\$10,500.00
51	L-108-5.3	1/C #6 L-824C 600V Cable, installed in duct	3,600	Ft	\$1.25	\$4,500.00
52	L-108-5.4	#6 Bare Copper Counterpoise including trenching/plowing and backfilling or in trench per plan	4,650	Ft	\$2.50	\$11,625.00
53	L-108-5.5	Cable Splices Low Voltage	20	Each	\$70.00	\$1,400.00
54	L-108-5.6	Cable Splices High Voltage	14	Each	\$100.00	\$1,400.00
55	L-110-5.1	2" PVC Duct, Schedule 40 PVC/HDPE, in trench	5,105	Ft	\$4.00	\$20,420.00
56	L-110-5.2	2" Duct, Schedule 80 PVC/HDPE, in trench, under pavement	445	Ft	\$20.00	\$8,900.00
57	L-115-5.1	Electrical Junction Box, L-867 Can with flat cover, 24" dia.	2	Each	\$1,000.00	\$2,000.00
58	L-125-7.1	Install Salvaged Medium Intensity Taxiway Light, base mounted, blue lens, complete	91	Each	\$550.00	\$50,050.00
59	L-125-7.2	Medium Intensity Taxiway Light, base mounted, blue lens, complete	5	Each	\$800.00	\$4,000.00
60	L-125-7.3	Vegetation Control Ring	51	Each	\$150.00	\$7,650.00
61	L-130-5.1	L-858 Lighted Airport Signs, LED Type, 2 panel, complete	1	Each	\$3,000.00	\$3,000.00
62	L-130-5.2	L-858 Lighted Airport Signs, LED Type, 3 panel, complete	7	Each	\$3,000.00	\$21,000.00
Base Bid Total						\$8,010,116.55

Alternate Bid No. 2 - Preformed Thermoplastic Markings

Item #	Spec #	Item Description	Quantity	Unit	Unit Price	Total Cost
A2-1	P-620	Preformed Thermoplastic Markings (RHP, ETCL, SPHPS)	1	L.S.	\$150,000.00	\$150,000.00
Alternate Bid No. 2 Total						\$ 150,000.00
Base Bid and Alternate Bid No. 2 Total						\$ 8,149,116.55

Design Engineering	\$110,289.11
Estimated Bidding & Negotiations	\$7,500.00
Estimated Construction Administration	\$120,000.00
Estimated Construction Engineering	\$250,000.00
Estimated Concrete Testing	\$70,000.00
Estimated Administration	\$43,094.34
Total Estimated Project Cost (Base Bid and Alternate Bid No. 2)	\$ 8,750,000.00



Department of Transportation
Division of Secretariat
Office of Air, Rail & Transit
700 East Broadway Avenue
Pierre, South Dakota 57501-2586
OFFICE: 605/773-3574
FAX: 605/773-2804

MEMORANDUM

DATE: September 20, 2016

TO: South Dakota Aeronautics Commission

FROM: Tom Koch
Office of Aeronautics

SUBJECT: Aeronautics Commission Meeting, Sept 27, 2016
Howard Airport Fuel Tax usage and Grant request

The City of Howard is requesting to use the balance of their Fuel Tax account \$1320.17 for reimbursement of a new runway lighting radio controller purchased on August 9, 2016. The old controller was not repairable.

The city, if the commission desires, is also requesting a grant in the amount of \$2014.83 for the remaining balance of the controller.

The department recommends commission approval for a state financial assistance agreement utilizing Howard's allocated Fuel Tax with a maximum amount of \$132

CITY OF HOWARD

100 S. Main

P.O. Box 705

Howard, SD 57349-0705

Phone: (605) 772-4391

Fax: (605) 772-4535

E-Mail: howardsd@alliancecom.net

Mayor

Donald M. Arens

City Attorney

David Jencks

City Council Members

Ward I

Mary E. Leary

Jean Thompson

Ward II

Colby Tolk

Greg Dufault

Ward III

Gerald Adler

Bernard Feldhaus

City Finance Officer

Donna Klinkhammer

Electric Superintendent

Kody Dawson

Utilities Supt.

Greg Gross

Streets & Parks

Chad Podhradsky

Mr. Tom Koch

SDDOT - Aeronautics

700 E. Broadway Ave.

Pierre, SD 57501

Dear Tom,

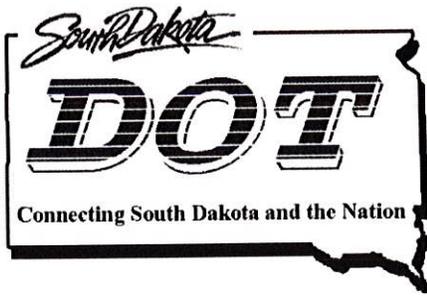
Our old radio controller is not repairable, so we replaced it with a new one. Enclosed please find a quote. We have it installed. Please forward our request to the Aeronautics Commission to utilize our balance in the fuel tax fund to offset some of our cost. Also, if the commission desires, we are requesting a grant for its balance.

Sincerely,

Tim Clarke

Airport Manager





Department of Transportation

Division of Secretariat

Office of Air, Rail & Transit

700 East Broadway Avenue

Pierre, South Dakota 57501-2586

OFFICE: 605/773-3574

FAX: 605/773-2804

TO: South Dakota Aeronautics Commission

FROM: Jennifer Boehm
Office of Air, Rail, and Transit

DATE: September 14, 2016

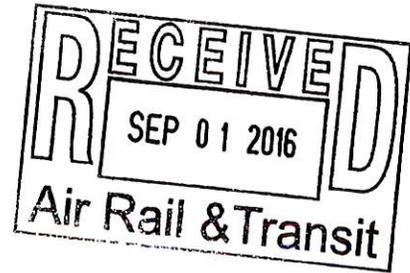
SUBJECT: Custer County Fuel Tax Funding Request

The Custer County Airport is requesting the use of \$2,223.12 of their fuel tax funds for the purchase of a new Unicom Radio and Runway Lighting Parts. Their current balance is \$2,494.72.

The Department recommends approval of fuel tax funds in the amount of \$2,223.12.

August 29, 2016

Jennifer Boehm
Aeronautics Program Assistance
Department of Transportation



RE: Airport Fuel Tax Funds

Thank you for your guidance regarding the use of our Funds for Airport expenses. The items we are requesting are listed below.

1. Purchase of new Unicom radio. The existing is no longer usable and could not be repaired
Vendor: Western Communications Inc. Rapid City SD.
Item: Icom A120 Radio, power supply and installation \$1,652.95
2. Purchase of runway lighting parts.
Vendor: Airport Lighting Company
Item: Runway lighting lamps and sockets. Installed by airport \$ 570.17

Please mail any paperwork to:

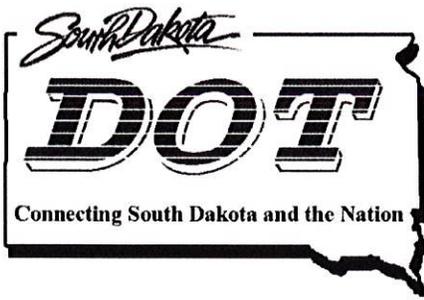
Mark Stites
Custer County Airport
12220 Airport Way
Custer SD 57730

OR E-mail

jerry@westernhillsaviation.com

Thank You
Jerry Stites

A handwritten signature in black ink, appearing to read "Jerry Stites". The signature is fluid and cursive, with a large initial "J" and "S".



Department of Transportation

Division of Secretariat

Office of Air, Rail & Transit

700 East Broadway Avenue

Pierre, South Dakota 57501-2586

OFFICE: 605/773-3574

FAX: 605/773-2804

TO: South Dakota Aeronautics Commission

FROM: Jennifer Boehm
Office of Air, Rail, and Transit

DATE: September 14, 2016

SUBJECT: Sturgis Fuel Tax Funding Request

The Sturgis Municipal Airport is requesting the use of \$16,433.54 of their fuel tax funds for the purchase of a new truck and snow plow. Their current balance is \$16,433.54.

The Department recommends approval of fuel tax funds in the amount of \$16,433.54.



August 23, 2016

South Dakota Department
Of Transportation
Division of Secretariat
Office of Air, Rail & Transit
Aeronautics Commission
700 East Broadway Ave
Pierre, SD 57501-2586

To: SD Aeronautics Commission

The City of Sturgis South Dakota would like to use \$16,493.41 in fuel tax funds to purchase a truck and snow plow to clear runways and taxi ways at the Sturgis Municipal Airport.

Thank you for your consideration

Dave Smith
City of Sturgis

CC: Daniel Ainslie City Manager
Fay Bueno Finance Officer

Planning & Permits Office • Code Enforcement Office

1040 Harley-Davidson Way, Sturgis, SD 57785 • (605) 347-4422 • Fax: (605) 347-4861

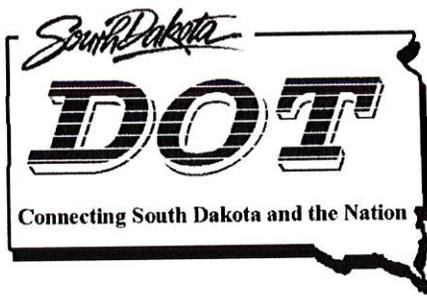
dsmith@sturgisgov.com

www.sturgis-sd.gov

www.facebook.com/cityofsturgis

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(Not all prohibited bases apply to all programs.)



Department of Transportation
Division of Secretariat
Office of Air, Rail & Transit
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Pierre, South Dakota 57501-2586
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TO: South Dakota Aeronautics Commission

FROM: Jennifer Boehm
Office of Air, Rail, and Transit

DATE: September 13, 2016

SUBJECT: 2017 International Aviation Art Contest

The State of South Dakota has participated in the International Aviation Art Contest every year since 1999. Besides providing some funding for the annual ACE Camp at South Dakota State University, the art contest has been our main item for introducing students across the state to aviation and encouraging them to learn more about it.

At this time we are expecting to spend approximately \$500 on prizes and \$200 on postage & copies for a total expenditure of \$700. The South Dakota Pilot's Association does send our office \$150 each year to help defray costs and they help promote the contest through their members and newsletter at no cost to us.

Here is a list of statistics for your information. This information is based on art contests that we have participated in between 2007 and 2016. On average, the Office of Aeronautics has:

- Spent \$411 on prizes
- Received 85 submittals each year
- Participation from 12 schools/individuals
- Expended \$177 for postage and copies

The Office of Aeronautics is requesting Commission approval to spend \$700 to participate and promote the 2017 International Art Contest in South Dakota.



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TO: South Dakota Aeronautics Commission

FROM: Jennifer Boehm
Office of Air, Rail, and Transit

DATE: September 14, 2016

SUBJECT: 2017 ACE Camp request

The Aerospace Career and Education Camp (ACE Camp) will hold their 2017 camp on July 9 – 12, 2017 on the SDSU campus. The SDSU Aviation Program is asking for \$5000 to help with oversight, transportation while at camp, activities and food. The request letter is attached.



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MEMORANDUM

DATE: September 20, 2016
TO: South Dakota Aeronautics Commission
FROM: Tom Koch
Office of Aeronautics
SUBJECT: Aeronautics Commission Meeting, Sept 27, 2016

The Aeronautics Department is requesting approval to put the 2017-2018 Aeronautical Chart and Airport Directory out for bid.