

# Department of Transportation Division of Secretariat Office of Air, Rail & Transit

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TO: South Dakota Aeronautics Commission

FROM: Jack Dokken, Program Manager

Office of Air, Rail, and Transit

DATE: May 16, 2018

SUBJECT: Financial Assistance Agreements

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

### Eureka 3-46-0079-009-2018

Design and construction of a new tilt-down beacon pole.

Federal Share \$ 64,800.00 State Share \$ 3,600.00 Local Share \$ 3,600.00

Total \$ 72,000.00

The Department recommends approval of state assistance in the amount of \$3,600.00.

# TILT DOWN BEACON POLE EUREKA MUNICIPAL AIRPORT EUREKA, SOUTH DAKOTA

#### PROJECT JUSTIFICATION

The existing pole is over 20 years old and has not been previously funded by the FAA. The pole has signs of deterioration and rotting. See attached photos. The pole was inspected from 0 to 6 feet with a hammer to sound the pole structurally. There were many areas that had dull soundings, indicating internal rotting.

The existing pole does not have a tilt down mechanism. When maintenance is needed, special equipment is needed to be able to access the existing pole. The new pole with a tilt down mechanism will save the airport time and money when maintenance is needed.



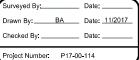














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Tlilt Down Beacon Pole Eureka Municipal Airport City of Eureka Eureka, South Dakota



QUOTE TABULATION Tilt Down Beacon Pole Eureka Municipal Airport Eureka, SD P17-00-114

Bids Opened Friday, April 6, 2018 @ 5:00 pm CT

Base Bid				Efraimson Electric Bryant, SD		Electric ell, SD			Strata Corporate Grand Forks, N		■ ENGINEER ESTIMATE	
Item No.	ITEM	UNIT	Quantity		UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Beacon Tower and Foundation	LS	1	NON RESPONSIVE	\$44,313.00	\$44,313.00	\$54,700.00	\$54,700.00	\$58,200.00	\$58,200.00	\$45,000.00	\$45,000.00
TOTAL BASE BID						\$ 44,313.00		\$ 54,700.00		\$58,200.00		\$45,000.00

## Opinion of Probable Project Costs Tilt Down Beacon Pole Eureka Municipal Airport Eureka, North Dakota J16-00-115 October 2017

ITEM			NO. OF	UNIT PRICE	EXTENDED PRICE					
NO.	ITEM	UNIT	UNITS	L&M	L&M					
Base Bid										
1	Beacon w/Tilt Down Pole	LS	1	\$45,000.00	\$45,000.00					
	SUBTOTAL CONSTRUCTION									
Other Costs										
	Basic Engineering Services - All Phases	\$17,500.00								
	Construction Engineering Services	\$5,500.00								
	Legal & Administrative									
	\$27,000.00									
_	\$72,000.00									