



# City of Grand Island

Tuesday, April 26, 2005

Council Session

## Item G14

**#2005-125 - Approving Bid Award - 23kV Vertical Break Group  
Operated Air Switches - Utilities Department**

Staff Contact: Gary R. Mader; Dale Shotkoski

# **Council Agenda Memo**

**From:** Gary R. Mader, Utilities Director  
Dale Shotkoski, Asst. City Attorney/Purchasing

**Meeting:** April 26, 2005

**Subject:** Bid Award of 23 kV Vertical Break, Group Operated Air Switches

**Item #'s:** G-14

**Presenter(s):** Gary R. Mader, Utilities Director

## **Background**

The Electric Department has six distribution substations connected to the 115,000 volt transmission loop. These substations reduce voltage from the 115,000 volt level to 13,800 volt for distribution within the City. Substations "E" and "F" were initially placed in service several years ago. Substation "E" is located on the east side of the City, north of Swift, serving Swift, the Waste Water Treatment Plant, and the surrounding area as it develops. Substation "F" is located on the west side of the City, north of Menards, serving commercial and residential loads in that area.

Grand Island has been constructing its distribution substations to contain a pair of substation transformers and buses for distribution feeders. This provides redundancy and limits fault currents on the distribution system. Initially, substations are constructed with a single transformer with the second transformer installed later, when the load growth dictates. The Department is now in the process of purchasing the material required to add the second transformers and distribution buses at Substations "E and "F."

## **Discussion**

One integral part of substation design are the disconnect switches that are used to connect or disconnect major components of the substation such as transformers, circuit breakers, and buses, as needed. When open, these switches provide a physical gap between energized and deenergized components of a substation, which is a mandated safety requirement when work is being done on substation components.

Specifications were prepared for the disconnect switches needed for the substation expansions. The technical description of these switches is "23 kV Vertical Break, Group

Operated Air Switches.” The advertisement for purchase appeared in the *Grand Island Independent* on March 19, 2005. Bids were publicly opened on April 12. Two firms offered to supply these switches, Dutton-Lainson Company of Hastings, Nebraska and WESCO Distribution, Inc., of Sioux City, Iowa. WESCO offered two switches; the lower priced switch does not conform to specifications. Bids are tabulated as follows:

<b>12 each 1200 A, 23 kV Vertical Break, Group Operated Air Switch</b>			
<b>Bidder</b>	<b>Manufacturer</b>	<b>Price, each</b>	<b>Extended Price With Tax</b>
Dutton-Lainson	Turner	\$4,364.00	\$56,033.76
WESCO	Morpac	\$4,361.00	\$55,995.24
WESCO	S & C	\$7,664.00	\$98,405.76

### **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve the award of 23 kV Vertical Break, Group Operated Air Switches to Dutton-Lainson in the amount of \$56,033.76
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

### **Recommendation**

City Administration recommends that the Council approve the bid award for 23 kV Vertical Break, Group Operated Air Switches to Dutton-Lainson.

### **Sample Motion**

I move that the bid for 23 kV Vertical Break, Group Operated Air Switches be awarded to Dutton-Lainson in the amount of \$56,033.76.

*Purchasing Division of Legal Department*  
**INTEROFFICE MEMORANDUM**



Dale M. Shotkoski, Assistant City Attorney

*Working Together for a  
Better Tomorrow, Today*

**BID OPENING**

**BID OPENING DATE:** April 12, 2005 at 11:00 a.m.

**FOR:** 23 kV Vertical Break, Group Operated Air Switches

**DEPARTMENT:** Utilities

**ESTIMATE:** \$85,000.00

**FUND/ACCOUNT:** 520

**PUBLICATION DATE:** March 19, 2005

**NO. POTENTIAL BIDDERS:** 8

**SUMMARY**

<b>Bidder:</b>	<b><u>Dutton-Lainson Company</u></b> Hastings, NE	<b><u>Wesco Distribution, Inc.</u></b> Sioux City, IA
<b>Bid Security:</b>	<b>Universal Surety Company</b>	<b>Continental Insurance Company</b>
<b>Exceptions:</b>	<b>Noted</b>	<b>Noted</b>
<b>Bid Price:</b>		
<b>1200 Amp:</b>	<b>\$36,033.76</b>	<b>\$55,995.24</b>
<b>2000 Amp:</b>	<b>\$12,101.70</b>	<b>\$24,521.19</b>

cc: Gary Mader, Utilities Director  
Burhl Gilpin, Assistant Utilities Director  
Gary Greer, City Administrator  
Laura Berthelsen, Legal Assistant

Bob Smith, Assistant Utilities Director  
Pat Gericke, Utilities Admin. Assist.  
Dale Shotkoski, Purchasing Agent

RESOLUTION 2005-125

WHEREAS, the City of Grand Island invited sealed bids for 23 kV Vertical Break Group Operated Air Switches, according to plans and specifications on file with the City Clerk; and

WHEREAS, on April 12, 2005, bids were received, opened and reviewed; and

WHEREAS, Dutton-Lainson Company of Hastings, Nebraska, submitted a bid in accordance with the terms of the advertisement of bids and plans and specifications and all other statutory requirements contained therein, such bid being in the amount of \$56,033.76 including tax; and

WHEREAS, such bid is below the estimate for such switches.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Dutton-Lainson Company of Hastings, Nebraska, in the amount of \$56,033.76 including tax for 23 kV Vertical Break Group Operated Air Switches is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, April 26, 2005.

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RaNae Edwards, City Clerk