



City of Grand Island

Tuesday, November 26, 2013

Council Session

Item G-12

**#2013-386 - Approving Change Order #1 Precipitator, Bottom Ash,
Boiler Industrial Cleaning 2013/2014 Outage**

Staff Contact: Tim Luchsinger

Council Agenda Memo

From: Timothy G. Luchsinger, Utilities Director
Stacy Nonhof, Assistant City Attorney

Meeting Date: November 26, 2013

Subject: Change Order #1 - Precipitator, Bottom Ash and Boiler
Industrial Cleaning – Fall 2013 and Spring 2014 Outages

Item #'s: G-12

Presenter(s): Timothy G. Luchsinger, Utilities Director

Background

The electrostatic precipitator at the Platte Generating Station is the air quality control equipment used to remove coal ash particulates from the plant's boiler flue gas stream. Proper performance of this equipment is required as part of the plant's operating permit. Due to volume and characteristics of the coal ash, the precipitator must be grit blasted twice a year to remove ash build-up to allow the plant to remain below permitted emission levels. In addition to maintaining performance, removal of the ash deposits also allows an inspection of the precipitator internal surfaces and components. Specifications were developed by the plant maintenance staff to include grit blasting of the electrostatic precipitator, bulk vacuuming of the associated ductwork and hoppers and high pressure water wash of the bottom ash system.

Specifications were prepared and bids received prior to the fall outage. Meylan Enterprises, Inc. was awarded the contract for the Fall 2013 and Spring 2014 outages. The award was made at the September 10, 2013 Council meeting in the amount of \$155,460.30. This contract cost breakdown is \$77,730.15 for the Fall 2013 and \$77,730.15 for the Spring 2014 outages.

Discussion

After shut down and cool down for the Fall 2013 outage, plant staff gained access to areas in the boiler, ash handling systems, and chimney, and found conditions that needed closer inspection. The only way to achieve much of this inspection is to clean the surfaces with high pressure wash and/or grit blasting, and remove the resulting waste material. Meylan Enterprises, Inc. was on-site with the large equipment needed to do the clean-up in a time frame to meet the outage schedule. The total cost of the additional repair work is

\$7,952.00 plus tax at 7% for a total Change Order of \$8,508.64, with a total Fall 2013 outage cost of \$86,238.79.

Alternatives

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

1. Move to approve.
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 authorizing Change Order #1 to the Precipitator, Bottom Ash and Boiler Industrial Cleaning-Fall 2013 and Spring 2014 Outages contract at Platte Generating Station with Meylan Enterprises, Inc. of Omaha, Nebraska, in the amount of \$86,238.79 for the Fall 2013 outage.

Sample Motion

Move to approve Change Order #1 to the contract with Meylan Enterprises, Inc. for the Precipitator, Bottom Ash and Boiler Industrial Cleaning-Fall 2013 and Spring 2014 Outages for a revised total contract amount for the Fall 2013 outage of \$86,238.79.

Precipitator, Bottom Ash and Boiler Industrial Cleaning-Fall 2013 and Spring 2014 Outages

Comments: This additional work was identified after the PGS fall outage began.

Contract: Fall 2013 Outage

\$77,730.15

<u>Change Order Request</u>	<u>Description</u>	<u>Amount</u>
001	Vacuum Truck (12 hours at \$110)	\$1,320.00
002	Consumables (12 hours at \$30)	\$360.00
003	2 Foreman (32 hours at \$52)	\$1,664.00
004	Operator/Techs 6 (96 hours at \$48)	\$4,608.00
005		
006		
007		
008	Tax	\$ 556.64
009		
010		
011		
012		
013		
014		
015		\$7,952.00
017		
018		
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021		
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024		
028		
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030		
	Total	\$8,508.64



Working Together for a
Better Tomorrow. Today.

Change Order #1

TO: Meylan Enterprises, Inc.
6225 S. 60th Street
Omaha, NE 68117
402-339-4880

PROJECT: Precipitator, Bottom Ash and Boiler Industrial Cleaning-Fall 2013 and Spring 2014 Outages

You are hereby directed to make the following change in your contract:

1 Additional payment per the attached spreadsheet.

ADD: \$8,508.64

The original Contract Sum	<u>\$77,730.15</u>
Previous Change Order Amounts	<u>\$ -</u>
The Contract Sum is increased by this Change Order	<u>\$ 8,508.64</u>
The Contract Sum is decreased by this Change Order	<u>\$</u>
The total modified Contract Sum to date	<u>\$ 86,238.79</u>

Approval and acceptance of this Change Order acknowledges understanding and agreement that the cost and time adjustments included represent the complete values arising out of and/or incidental to the work described therein.

APPROVED: CITY OF GRAND ISLAND

By: _____

Date _____

Attest: _____

Approved as to Form, City Attorney

ACCEPTED: Meylan Enterprises, Inc.

By: _____

Date _____

RESOLUTION 2013-386

WHEREAS, Meylan Enterprises, Inc., of Omaha, Nebraska was awarded the contract for Precipitator, Bottom Ash, Boiler Industrial Cleaning, Fall 2013 and Spring 2014 at Platte Generating Station, at the September 10, 2013 City Council meeting; and

WHEREAS, the contract was awarded in the amount of \$155,460.30 with a cost breakdown of \$77,730.15 for the Fall 2013 and \$77,730.15 for the Spring 2014 outages; and

WHEREAS, staff found areas in the boiler, ash handling systems, and chimney that needed cleaning with high pressure wash/grit blasting first, in order to inspect and evaluate their condition; and

WHEREAS, Meylan Enterprises, Inc. was on-site with large equipment needed to clean these areas to allow inspection and stay within the outage schedule; and

WHEREAS, Change Order #1 was prepared for a contract adjustment of an additional \$8,508.64, resulting in a final contract amount of \$86,238.79 for the Fall 2013 outage.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 with Meylan Enterprises, Inc., of Omaha, Nebraska, for the Precipitator, Bottom Ash, Boiler Industrial Cleaning for a revised total Fall 2013 contract amount of \$86,238.79 be approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, November 26, 2013.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
November 22, 2013	☐ City Attorney