



City of Grand Island

Tuesday, May 27, 2014

Council Session

Item G-10

#2014-119 - Approving Change Order #2 - AMEC Air Quality Control Project at Platte Generating Station

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

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

Meeting Date: May 27, 2014

Subject: Air Quality Control System at Platte Generating Station –
AMEC - Change Order #2

Item #'s: G-10

Presenter(s): Timothy Luchsinger, Utilities Director

Background

On December 21, 2011, EPA released the Mercury and Air Toxics Standards (MATS), requiring the maximum achievable control technology for mercury and other hazardous pollutants from electric generating units, with a compliance date of March 2015, although an additional one year for compliance may be granted by individual states. The City of Grand Island hired Kiewit Engineering to study the best options available to meet the MATS requirements. Kiewit developed a specification for an Engineering Procurement Contract (EPC) and it was publicly bid.

On January 8, 2013, Council approved and the City of Grand Island entered in to an Engineering Procurement Contract with AMEC of Tucker, Georgia, to install a scrubber, baghouse, and mercury removal system at the Platte Generating Station for \$41,189,331.00.

Discussion

During the initial engineering process to write the specification for the Air Quality Control System (AQCS), the requirements for the roofs to meet FM Global standards were not included in the specification. FM Global provides insurance for the power plants, and a higher standard for wind uplift is a requirement on the roof panels to prevent the roof panels from being blown off in high winds. To meet these requirements, more structural steel is required to fasten the roof panels. This change provides for the additional steel required to attach the panels to the structure.

The basis for the change, the proposed change, and the cost change, have been reviewed by both Kiewit and Department management staff, and is justified and reasonable.

The total for this Change Order is \$54,401.00 and increases the contract by 0.13% to \$42,140,242.00.

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 #2 to the Air Quality Control System at Platte Generating Station for FM Global roof requirements for an addition to the contract price of \$54,401.00.

Sample Motion

Move to approve Change Order #2 with AMEC in the amount of \$54,401.00 for the Air Quality Control System at Platte Generating Station.

Change Order #2

May 14, 2014

TO: AMEC Kamtech, Inc.
 1979 Lakeside Parkway, Suite 400
 Tucker, GA 30084
 770-688-2500

PROJECT: AQCS-Equipment Purchase and Construction

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

- 1 Additional payment per the attached spreadsheet.

ADD: \$54,401.00

The original Contract Sum	<u>\$41,189,331.00</u>
Previous Change Order Amounts	<u>\$ 896,510.00</u>
The Contract Sum is increased by this Change Order	<u>\$ 54,401.00</u>
The Contract Sum is decreased by this Change Order	<u>\$</u>
The total modified Contract Sum to date	<u>\$42,140,242.00</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: **AMEC Kamtech, Inc.**

By: _____ Date _____

City of Grand Island
 Utilities Department
 General Work Contract - Change Order

May 14, 2014

Change Order #2

TO: AMEC Kamtech, Inc.
 1979 Lakeside Parkway, Suite 400
 Tucker, GA 30084
 770-688-2500

PROJECT: AQCS-Equipment Purchase and Construction

EWO7104

Contract: \$41,189,331.00

<u>Change</u>	<u>Description</u>	<u>Amount</u>
001	Additional structural steel to fasten the roof panels	\$54,401.00
002	per FM Global requirements on wind uplift	
003		
004		
005		
006		
007		
008		
009		
010		
011		
012		
013		
014		
015		
	TOTAL CHANGE ORDER	\$54,401.00

RESOLUTION 2014-119

WHEREAS, AMEC of Tucker, Georgia, was awarded the contract for Air Quality Control System (AQCS) at Platte Generating Station, at the January 8, 2013 City Council meeting; and

WHEREAS, during the initial engineering process, the requirements for the roofs to meet FM Global standards were not included in the specification; and

WHEREAS, FM Global provides insurance for power plants, and a higher standard for wind uplift is a requirement on the roof panels. These standards require more structural steel to fasten the roof panels to the structure; and

WHEREAS, the original Engineer, Kiewit Engineering, and Grand Island Utilities Staff agree that the change is justified and reasonable; and

WHEREAS, Change Order #2 was prepared for a contract adjustment of an additional amount of \$54,401.00, resulting in a final contract amount of \$42,140,242.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #2 with AMEC of Tucker, Georgia, resulting in an additional cost of \$54,401.00, for a final contract price of \$42,140,242.00, is hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, May 27, 2014.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
May 23, 2014	☐ City Attorney