



City of Grand Island

Tuesday, March 22, 2022

Council Session

Item G-7

**#2022-67 - Approving Precipitator, Bottom Ash and Boiler
Industrial Cleaning-Spring 2022**

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

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

Meeting Date: March 22, 2022

Subject: Precipitator, Bottom Ash and Boiler Industrial Cleaning
– Spring 2022 Outage

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 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. Along with the precipitator, the boiler, air preheater, and ductwork must be cleaned twice a year to remove ash deposits that form on the boiler tubes, air preheater, and fallout in the ductwork to maintain efficient operation of this equipment.

The next outage is scheduled for April of this year. Specifications were developed by the plant maintenance staff for the removal of ash deposits throughout the precipitator and boiler including grit blasting of the electrostatic precipitator, bulk vacuuming of the associated ductwork and hoppers, and high pressure water wash of the bottom ash system.

Discussion

The specifications for the Precipitator, Bottom Ash and Boiler Industrial Cleaning-Spring 2022 Outage were advertised and issued for bid in accordance with the City Purchasing Code. Bids were solicited from seven potential bidders and there were three responsive bidders. The engineer's estimate for this project was \$250,000. Bids were publicly opened on March 10, 2022.

Bidder	Bid Amount
AIMS Companies, Scottsdale, Arizona	\$ 202,635.54
Meylan Enterprises, Inc., Omaha, Nebraska	\$ 235,603.78
W-S Industrial Services, Inc., Council Bluffs, Iowa	\$ 239,004.75

The bids were reviewed by Utility Engineering staff and were all deemed to be in compliance with the specifications. All three corporations are responsible bidders who have completed similar scopes of work for the City of Grand Island.

The bid from AIMS Companies of Scottsdale, Arizona was otherwise found compliant with the specification.

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 that the Council approve the bid of Aims Companies of Scottsdale, Arizona as the low responsive bidder, with a bid in the amount of \$202,635.54.

Sample Motion

Move to approve the bid in the amount of \$202,635.54 from AIMS Companies for the Precipitator, Bottom Ash and Boiler Industrial Cleaning – Spring 2022 Outage.



Stacy Nonhof, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: March 10, 2022 at 2:00 p.m.
FOR: Precipitator, Bottom Ash and Boiler Industrial
Cleaning – Spring 2022 Outage
DEPARTMENT: Utilities
ESTIMATE: \$250,000.00
FUND/ACCOUNT: 520
PUBLICATION DATE: February 19, 2022
NO. POTENTIAL BIDDERS: 7

SUMMARY

Bidder: AIMS Companies
Scottsdale, AZ
Bid Security: Argonaut Insurance Co.
Exceptions: None

	<u>Materials</u>	<u>Labor</u>	<u>Sales Tax</u>	<u>Base Bid</u>
Abrasive Cleaning:	\$21,890.00	\$24,785.00	\$3,500.62	\$50,175.62
Air Heater:	\$18,800.00	\$ 8,885.00	\$2,016.37	\$29,701.37
Boiler Detonation:	\$11,795.00	\$15,235.00	\$2,027.25	\$29,057.25
Hydro Blasting:	\$13,386.00	\$ 9,072.00	\$1,684.35	\$24,142.35
Vacuuming Services:	<u>\$32,306.00</u>	<u>\$32,400.00</u>	<u>\$4,852.95</u>	<u>\$69,558.95</u>
Total Base Bid:				\$202,635.54

Bidder: W-S Industrial Services, Inc.
Bid Security: Council Bluffs, IA
Exceptions: Merchants Bonding Co.
 Noted

	<u>Materials</u>	<u>Labor</u>	<u>Sales Tax</u>	<u>Base Bid</u>
Abrasive Cleaning:	\$24,978.00	\$30,340.00	\$4,148.85	\$59,466.85
Air Heater:	\$ 8,640.00	\$19,254.00	\$2,092.05	\$29,986.05
Boiler Detonation:	\$18,340.00	\$16,260.00	\$2,595.00	\$37,195.00
Hydro Blasting:	\$21,984.00	\$20,620.00	\$3,195.30	\$45,799.30
Vacuuming Services:	<u>\$38,068.00</u>	<u>\$23,846.70</u>	<u>\$4,643.55</u>	<u>\$66,557.55</u>
Total Base Bid:				\$239,004.75

Bidder: Meylan Enterprises, Inc.
Bid Security: Omaha, NE
Exceptions: Noted
 Universal Surety Co.

	<u>Materials</u>	<u>Labor</u>	<u>Sales Tax</u>	<u>Base Bid</u>
Abrasive Cleaning:	\$ 8,630.00	\$51,841.00	\$4,535.33	\$65,006.33
Air Heater:	\$21,375.00	\$ 7,578.00	\$2,171.48	\$31,124.48
Boiler Detonation:	\$20,533.29	\$20,300.00	\$3,062.50	\$43,895.79
Hydro Blasting:	\$11,825.00	\$13,860.00	\$1,926.38	\$27,611.38
Vacuuming Services:	<u>\$32,600.00</u>	<u>\$30,624.00</u>	<u>\$4,741.80</u>	<u>\$67,965.80</u>
Total Base Bid:				\$235,603.78

cc: Tim Luchsinger, Utilities Director
 Jerry Janulewicz, Interim City Administrator
 Stacy Nonhof, Purchasing Agent

Karen Nagel, Utilities Secretary
 Patrick Brown, Finance Director
 Tylor Robinson, Production Engineer

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RESOLUTION 2022-67

WHEREAS, the City of Grand Island invited sealed bids for Precipitator, Bottom Ash and Boiler Industrial Cleaning – Spring 2022, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on March 10, 2022, bids were received, opened, and reviewed; and

WHEREAS, AIMS Companies, of Scottsdale, Arizona, 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 \$202,635.54; and

WHEREAS, the bid from AIMS Companies, is within the annual operation and maintenance budget and it is the lowest responsible bid for Precipitator, Bottom Ash and Boiler Industrial Cleaning – Spring, 2022.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of AIMS Companies, of Scottsdale, Arizona in the amount of \$202,635.54, for Precipitator, Bottom Ash and Boiler Industrial Cleaning – Spring, 2022, is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, March 22, 2022.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
March 18, 2022	☐ City Attorney