



# City of Grand Island

Tuesday, December 14, 2021

Council Session

## Item G-5

### **#2021-342 - Approving Bottom Ash System Upgrades at Platte Generating Station**

Staff Contact: Tim Luchsinger, Stacy Nonhof

# Council Agenda Memo

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

**Meeting:** December 14, 2021

**Subject:** Platte Generating Station Bottom Ash System Upgrades

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

## Background

The City of Grand Island Utilities Department at Platte Generating Station publicly requested proposals to upgrade the existing bottom ash handling system to comply with the changes in regulations. Platte Generating Station uses a steam generator powered by coal combustion to generate power. Left over ash from the coal combustion falls to the bottom of the boiler and is removed by the west bottom ash handling system. The bottom ash handling system consists of a water filled, bottom ash storage hopper from which the bottom ash is discharged through feeder hoppers to jet pumps. The jet pumps convey the bottom ash through a discharge piping system to dewatering bins where the bottom ash is separated, and the water is decanted to a settling tank and surge tank.

EPA environmental regulation Effluent Limit Guideline Rule (ELG rule) will not allow the plant to discharge bottom ash transport water after December 31, 2023. Upgrades to the system will include water treatment, surge tank level control, and secondary containment.

## Discussion

The request for proposal for services to upgrade the existing bottom ash handling system was sent to four potential bidders and publicly advertised in accordance with the City Purchasing Code. Only one proposal to complete the project using the engineering, procurement and construction process was received.

Company

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UCC Environmental,  
Waukegan, Illinois

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The proposal was reviewed by department staff and found compliant with specifications and less than the engineer's estimate.

After reviewing the proposal, the Department staff entered negotiations with the responsive bidder. Negotiations resulted in a final contract price to include the Base Price plus the design and supply of piping to service the sump pit for a total not to exceed \$1,980,700.00.

### **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 that the Council award the Proposal for the Platte Generating Station Bottom Ash System Upgrade to UCC Environmental of Waukegan, Illinois as the only evaluated proposal, with a proposal price not to exceed \$1,980,700.00.

### **Sample Motion**

Move to approve the proposal from UCC Environmental of Waukegan, Illinois, in the amount not to exceed \$1,980,700.00 for the Platte Generating Station Bottom Ash System Upgrade as submitted.



Stacy Nonhof, Purchasing Agent

*Working Together for a  
Better Tomorrow, Today*

**REQUEST FOR PROPOSAL  
FOR  
PLATTE GENERATING STATION BOTTOM ASH SYSTEM UPGRADES**

**RFP DUE DATE:** November 2, 2021 at 4:00 p.m.  
**DEPARTMENT:** Utilities  
**PUBLICATION DATE:** September 24, 2021  
**NO. POTENTIAL BIDDERS:** 4

**PROPOSALS RECEIVED**

**United Conveyor Corporation**  
Waukegan, IL

cc: Tim Luchsinger, Utilities Director  
Jerry Janulewicz, City Administrator  
Stacy Nonhof, Purchasing Agent  
Karen Nagel, Utilities Secretary

Pat Gericke, Utilities Admin. Assist.  
Patrick Brown, Finance Director  
Tylor Robinson, Power Plant Superintendent  
Angi Schulte, Utilities Secretary

**P2318**

RESOLUTION 2021-342

WHEREAS, the Utilities Department requested proposals for services to upgrade the existing bottom ash handling system at Platte Generating Station, in accordance with the City Purchasing Code; and

WHEREAS, only one proposal to complete the project using the engineering, procurement and construction process was received; and

WHEREAS, Utilities Department staff negotiated with the sole responder, UCC Environmental, of Waukegan, Illinois, for a final contract price to include the base price plus the design and supply of piping to service the sump pit for a total not to exceed \$1,980,700.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the proposal from UCC Environment, not to exceed \$1,980,700.00 for the Bottom Ash System Upgrades at Platte Generating Station, be approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, December 14, 2021.

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Roger G. Steele, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form	☐ _____
December 22, 2021	☐ City Attorney