



# City of Grand Island

Tuesday, November 26, 2019

Council Session

## Item G-4

**#2019-350 - Approving Platte Generating Station Coal Combustion  
Residual Groundwater Services Assessment of Corrective  
Measures - Task 12**

Staff Contact: Tim Luchsinger, Stacy Nonhof

# **Council Agenda Memo**

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

**Meeting:** November 26, 2019

**Subject:** Platte Generating Station Coal Combustion Residual (CCR) Groundwater Services - Assessment of Corrective Measures

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

## **Background**

On April 17, 2015, the U.S. Environmental Protection Agency (EPA) published the final rule for the regulation and management of Coal Combustion Residual (CCR) under the Resource Conservation and Recovery Act (RCRA). The rule became effective on October 19, 2015. In general, CCR compliance activities include publication of public information on the web, signage, groundwater sampling, and impoundment structural and safety assessment is required for the Platte Generating Station (PGS).

Platte Generating Station personnel reviewed the regulations and determined consulting services were needed to meet the CCR Rule compliance schedule. HDR Engineering was hired as the sole source to ensure timeliness, high quality and consistency among other electric utilities and independent power producers in Nebraska.

## **Discussion**

On September 27, 2016 Council Approved HDR Engineering to complete Tasks 1-4 to include ground water sampling, review of the Ash Landfill Closure Plan, Post-Closure Plan, and Run on/run off Control System Plan for a cost not to exceed \$86,290.00.

On September 24, 2019, Council approved HDR Engineering to complete Tasks 5-9 to include groundwater sampling, fugitive dust control, alternative source demonstration (ASD) investigation, statistical analysis reporting, and preparation of a conceptual site model of the hydrologic and hydro-geochemical setting of the PGS Ash Landfill including evaluation of the results of the model for a cost not to exceed \$189,960.00.

On October 8, 2019, Council approved HDR Engineering to complete Task 10 to include preparation for the Title 132 Permit Renewal Application and amend the CCR Run-On

and Run-Off Control System Plan for a cost not to exceed \$39,970.00. Task 11 was also presented for the CCR 2019 Annual Landfill Inspection and Fugitive Dust Control Reporting for a cost not to exceed \$12,990.00.

To meet the next phase of the CCR Rule for finalizing the Assessment of Corrective Measures (ACM) and update the CCR Groundwater Certifications including the upgradient well MW-10, Task 12 is being presented for a cost not to exceed \$16,600.00.

To ensure the same high quality and consistency for these next phases of the CCR Rule 257.95(g) and NDEE Title 132, it is recommended that HDR Engineering continue with this task. HDR is providing professional consultant services regarding CCR to Omaha Public Power District, Hastings Utilities, Fremont Utilities and the Public Power Generation Agency.

In accordance with City Procurement Code, plant staff recommends that the Council authorize HDR Engineering continue their services as the Consulting Engineer for the Platte Generating Station CCR requirements.

### **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 authorize HDR, Inc., of Omaha, Nebraska, for providing Engineering services to meet the Coal Combustion Residuals Program Assessment of Corrective Measures (ACM) and Groundwater Certification for Platte Generating Station for a fee not to exceed \$16,600.00.

### **Sample Motion**

Move to authorize HDR, Inc., of Omaha, Nebraska for providing Engineering Services for the Platte Generating Station Assessment of Corrective Measures and Groundwater Certification for a fee not to exceed \$16,600.00.

## RESOLUTION 2019-350

WHEREAS, the U.S. Environmental Protection Agency's Rule for the regulation and management of Coal Combustion Residual (CCR) under the Resource Conservation and Recovery Act (RCRA) became effective on October 19, 2015; and

WHEREAS, personal at the Platte Generating Station reviewed the regulations and determined consulting services were needed to meet the CCR Rule Compliance schedule, and HDR Engineering was hired as the sole source to ensure timeliness, high quality and consistency among other electric utilities and independent power producers in Nebraska; and

WHEREAS, on September 27, 2016 Council approved HDR Engineering to complete task 1-4 to include ground water sampling, review of the Ash Landfill Closure Plan, Post-closure Plan, and Run-on/run-off Control System Plan for a cost not to exceed \$86,290.00

WHEREAS, on September 24, 2019 Council approved HDR Engineering to complete Tasks #5-9 to allow compliance with the CCR Rule in an amount not to exceed \$189,960.00; and

WHEREAS, on October 8, 2019, Council approved HDR Engineering to complete Task 10 to include preparation for the Title 132 Permit Renewal Application and amend the CCR Run-On and Run-Off Control System Plant at a cost not to exceed \$39,970.00; and Task 11 for the CCR 2019 Annual Landfill Inspection and Fugitive Dust Control Reporting for a cost not to exceed \$12,990.00; and

WHEREAS, to meet the next phase of the CCR Rule for finalizing the Assessment of Corrective Measures (ACM) and update the CCR Groundwater Certifications including the upgradient Well MW-11, Task 12 is being presented for a cost not to exceed \$16,660.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that HDR Engineering is authorized to continue with Task 12 associated with the CCR Rule and NDEE Title 132 in an amount not to exceed \$16,660.00.

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Adopted by the City Council of the City of Grand Island, Nebraska, November 26, 2019.

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Roger G. Steele, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form	<input type="checkbox"/>
November 21, 2019	<input type="checkbox"/> City Attorney