



City of Grand Island

Tuesday, September 24, 2019

Council Session

Item G-15

#2019-294 - Approving Platte Generation Station Coal Combustion Residual (CCR) Groundwater Services CSM/ASD

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

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

Meeting: September 24, 2019

Subject: PGS - Coal Combustion Residual (CCR) Groundwater
Services CSM/ASD

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.

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 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. Additional task #5-9 were identified to meet the next phases of the CCR Rule. These next tasks are to include:

Task 5-100 through 300: Complete the second half of the ground water sampling, statistical analysis, and reporting required. Not to exceed \$31,900.00.

Task 6-100 through 200: Complete an alternative source demonstration investigation. Not to exceed \$39,300.00.

Task 7-100 through 200: Complete the annual inspection and reporting of fugitive dust control. Not to exceed \$12,760.00.

Task 8- 100 through 300: Complete the annual groundwater sampling, statistical analysis and reporting for 2019. Not to exceed \$54,800.00.

Task 9-100 through 200: Prepare a conceptual site model of the hydrologic and hydro-geochemical setting of the PGS Ash Landfill and evaluate the results of the model. Not to exceed \$51,200.00.

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 these tasks. HDR is providing professional consultant services regarding CCR to Omaha Public Power District, Hastings Utilities, Fremont Utilities and the Public Power Generation Agency.

The total cost to be approved, for a not-to-exceed fee amount of \$189,960.00.

In accordance with City Procurement Code, plant staff recommends that the Council authorize HDR Engineering to 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 - 2019 Conceptual Site Model and Alternate Source Demonstration for Platte Generating Station, for a fee not to exceed \$189,960.00.

Sample Motion

Move to authorize HDR, Inc., of Omaha, Nebraska, to providing Engineering Services for the Platte Generating Station - 2019 Conceptual Site Model and Alternate Source Demonstration requirements, for a fee not to exceed \$189,960.00.

RESOLUTION 2019-294

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, and additional task #5-9 were identified to allow compliance of the CCR Rule which include:

Task 5-100 through 300: Complete the second half of the ground water sampling, statistical analysis, and reporting required. Not to exceed \$31,900.00.

Task 6-100 through 200: Complete an alternative source demonstration investigation. Not to exceed \$39,300.00.

Task 7-100 through 200: Complete the annual inspection and reporting of fugitive dust control. Not to exceed \$12,760.00.

Task 8- 100 through 300: Complete the annual groundwater sampling, statistical analysis and reporting for 2019. Not to exceed \$54,800.00.

Task 9-100 through 200: Prepare a conceptual site model of the hydrologic and hydro-geochemical setting of the PGS Ash Landfill and evaluate the results of the model. Not to exceed \$51,200.00.

WHEREAS, to ensure compliance and consistency for the CCR Rule 257.95(g) and NDEE Title 132, it is recommended that HDR Engineering continue with these tasks at a cost not to exceed \$189,960.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that HDR Engineering is authorized to continue the tasks associated with the CCR Rule and NDEE Title 132 in an amount not to exceed \$189,960.00.

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Approved as to Form	☐ _____
September 20, 2019	☐ City Attorney

Adopted by the City Council of the City of Grand Island, Nebraska, September 24, 2019.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk