



City of Grand Island

Tuesday, October 8, 2019

Council Session

Item G-4

**#2019-304 - Approving PGS Coal Combustion Residual CCR
Groundwater Services - Tasks 10 & 11 - with HDR Engineering**

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

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

Meeting: October 8, 2019

Subject: Platte Generating Station - Coal Combustion Residual (CCR) Groundwater Services

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 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.

To meet the next phase of the CCR Rule and to prepare for the Title 132 Permit Renewal Application for submittal to the Nebraska Department of Environment and Energy

(NDEE) and amend the CCR Run-On and Run-Off Control System Plan, Task 10 is being presented for a cost not to exceed \$39,970.00.

Task 11 is being presented for the CCR 2019 Annual Landfill Inspection and Fugitive Dust Control Reporting for a cost not to exceed \$12,990.00.

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.

In accordance with City Procurement Code, 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 Council authorize HDR, Inc., of Omaha, Nebraska, to provide Engineering services to meet the Coal Combustion Residuals Program Title 132 Permit Renewal and 2019 annual reporting for Platte Generating Station for a fee not to exceed \$52,960.00.

Sample Motion

Move to authorize HDR, Inc., of Omaha, Nebraska, for providing Engineering Services for the Platte Generating Station 2019 CCR Title 132 Permit Renewal and annual reporting requirements for a fee not to exceed \$52,960.00.

RESOLUTION 2019-304

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, to meet the next phase of the CCR Rule and to prepare for the Title 132 Permit Renewal Application for submittal to the Nebraska Department of Environment and Energy (NDEE) and amend the CCR Run-On and Run-Off Control System Plan, Task 10 is being presented for a cost not to exceed \$39,970.00; and Task 11 is being presented for the CCR 2019 Annual Landfill Inspection and Fugitive Dust Control Reporting for a cost not to exceed \$12,990.00.

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 Tasks 10 and 11 associated with the CCR Rule and NDEE Title 132 in an amount not to exceed \$52,960.00.

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Adopted by the City Council of the City of Grand Island, Nebraska, October 8, 2019.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	by _____
October 4, 2019	City Attorney