



City of Grand Island

Tuesday, February 28, 2023

Council Session

Item G-15

**#2023-50 - Approving PGS Coal Combustion Residual (CCR)
Groundwater Services - Task 21**

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

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

Meeting: February 28, 2023

Subject: PGS - Coal Combustion Residual (CCR) Groundwater Services – Task 21

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 27th, 2016, Council Approved HDR Engineering to complete Tasks 1-4 to include ground water sampling, review of the Ash land fill closure plan, Post-closure plan, and Run on/run off control system plan for a cost not to exceed \$86,290.

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. On March 10,

2020, Council approved HDR Engineering to amend Task 10 to address and respond to NDEE regarding the Title 132 Permit Renewal Application revisions and amend the CCR Run-On and Run-Off Control system for an additional cost not to exceed \$14,860.00.

On October 8, 2019, Council approved HDR Engineering to complete Task 11 for the CCR 2019 Annual Landfill Inspection and Fugitive Dust Control Reporting for a cost not to exceed \$12,990.00.

On November 26, 2019, Council approved HDR Engineering to complete Task 12 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 for a cost not to exceed \$16,600.00.

On March 10, 2020, Council approved HDR Engineering to complete Task 13 for the CCR Groundwater Monitoring and Reporting, including semi-annual Groundwater Sampling for the First and Second half of 2020, and the 2020 Spring and Fall Groundwater Reports for a cost not to exceed \$47,100.00.

On June 23, 2020, Council approved HDR Engineering to complete Task 14 for the Site Investigation services for the detection of contaminants at an increased level for a cost not to exceed \$25,900.00.

On August 11, 2020, Council approved HDR Engineering to complete Task 15 for the CCR Groundwater Services-NDEE Meeting and Corrective Action for the NDEE Meeting and Corrective Action and Monitoring Plan following the ACM report for a cost not to exceed \$35,600.00.

On September 22, 2020, Council approved HDR Engineering to complete Task 16 for the CCR 2020 Annual Landfill Inspection, Fugitive Dust Control Reporting, and initial Generation and Utilization Report for a cost not to exceed \$13,310.00.

On March 9, 2021, Council approved HDR Engineering to complete Task 17 for the CCR 2021 Groundwater Monitoring and Reporting, including semi-annual field sampling for the first and second half of 2021, and the 2021 Spring and Fall Groundwater reports for a cost not to exceed \$39,900.00.

On December 28, 2021, Council approved HDR Engineering to complete Task 18 for the CCR Annual Landfill Inspection, Fugitive Dust Control report and the annual CCR generation and utilization report for a cost not to exceed \$13,580.00.

On April 26, 2022, Council approved HDR Engineering to complete Task 19 for the CCR 2022 Groundwater Monitoring and Reporting, including semi-annual field sampling for the first and second half of 2022, and the 2022 Spring and Fall Groundwater Reports for a cost not to exceed \$40,000.00.

On November 22, 2022, Council approved HDR Engineering to complete Task 20 for the CCR Annual Landfill Inspection, Fugitive Dust Annual Control Report, and CCR Generation and Utilization Annual Report for a cost not to exceed \$13,890.00.

Task 21 is being presented for the CCR 2023 Groundwater Monitoring and Reporting, including semi-annual field sampling for the first and second half of 2023, and the 2023 Spring and Fall Groundwater Reports for a cost not to exceed \$40,000.00.

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 state-wide consistency across the state of Nebraska with the NDEE.

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 Engineering, Inc of Omaha, Nebraska, for providing Engineering services to meet the Coal Combustion Residuals program CCR Groundwater Services – Task 21 for a fee not to exceed \$40,000.00.

Sample Motion

Move to approve the resolution authorizing the Mayor to authorize HDR Engineering, Inc, of Omaha, Nebraska for Engineering Services for the Platte Generating Station CCR Groundwater Services –Task 21 for a fee not to exceed \$40,000.00.

TASK ORDER 21

This Task Order pertains to an Agreement by and between the City of Grand Island, NE (CITY), ("OWNER"), and HDR Engineering, Inc. (HDR), ("ENGINEER"), per the January 5, 2018, Master Services Agreement, ("the Agreement"). Engineer shall perform services on the project described below as provided herein and in the Agreement. This Task Order shall not be binding until it has been properly signed by both parties. Upon execution, this Task Order shall supplement the Agreement as it pertains to the project described below.

TASK ORDER NUMBER: 21

PROJECT NAME: CCR 2023 Groundwater Monitoring & Reporting

PART 1.0 PROJECT DESCRIPTION:

The intent of the Scope of Services is to conduct the 2023 annual groundwater sampling, statistical analysis, and reporting required by the Environmental Protection Agency's (EPA) coal combustion residuals (CCR) rule [40 CFR, Part 257] and the Nebraska Department of Environment and Energy (NDEE) Title 132 permit, for the Ash Landfill (CCR unit) at the Platte Generating Station (PGS). Statistically significant increases (SSIs) were detected for boron at MW-3 during verification sampling completed July 31, 2018. An Alternate Source Determination (ASD) evaluation was conducted for the published SSI (dated November 14, 2018) at which point an additional upgradient monitoring well (MW-10) and nine downgradient delineation wells (MW-11 through MW-19) were installed. The ASD evaluation, submitted in the 2018 annual report, confirmed the SSI for the PGS Ash Landfill based on the data available at that time, and the City initiated an assessment monitoring program within the 90-day period specified in 40 CFR §257.95.

As a result of entering the assessment monitoring program, groundwater protection standards (GWPS) were established for Appendix IV constituents. During the spring 2019 semiannual sampling event, a statistically significant level (SSL) above the GWPS for cobalt was detected in monitoring well MW-3. The City conducted an ASD (dated October 31, 2019) which included statistical re-analysis of background threshold values (BTVs) with the inclusion of upgradient monitoring well MW-10 and analysis of stormwater samples from within the landfill. Results of the ASD indicated the cobalt concentrations at MW-3 are partially due to spatial variation of naturally existing concentrations, potential upgradient source, and natural cobalt bound to the soil matrix into the surrounding grassland area. Concurrent with the ASD, the City initiated an assessment of remedial measures by characterizing the nature and extent of cobalt at the site and completing an assessment of corrective measures report (dated January 12, 2020). Additional site investigations and monitoring occurred in 2020 with the supplementary data summarized in a Nature and Extent Report Addendum (dated September 24, 2020). A public hearing was held on July 8, 2021, for the remedial options, followed by completion of the Selection of Remedy Report (dated October 18, 2021).

In 2023, the eight wells in the CCR/Title 132 groundwater monitoring network will continue to be sampled semiannually, in accordance with the assessment monitoring program requirements (40 CFR §257.96(b)) and the Selection of Remedy long-term monitoring.

The scope of services proposed herein continues HDR's groundwater monitoring and reporting program to complete the 2023 semiannual groundwater sampling, annual groundwater statistical analysis, and reporting required by the EPA's CCR rule and the NDEE Title 132 permit for the PGS Ash Landfill. The groundwater reporting will follow the current Title 132 sampling and analysis plan (SAP) and the CCR monitoring well network certification. Our understanding of task objectives, activities, deliverables, key assumptions, and approaches that HDR will use to complete the work is described below.

PART 2.0 SCOPE OF SERVICES TO BE PERFORMED BY ENGINEER ON THE PROJECT:

Services to be performed by HDR will include the following activities:

Task 100 – Groundwater Field Sampling

1. HDR will conduct groundwater sampling for the analysis of CCR rule Appendix III & Appendix IV constituents at the existing CCR Unit. Groundwater sampling will include two (2) separate sampling events (anticipated to occur in April 2023 and October 2023). During each sampling event, CCR network monitoring wells will be sampled for a total of eight (8) monitoring wells, one (1) duplicate sample, and one (1) field blank sample. This will result in a total of 10 samples analyzed each semiannual sampling event. Two (2) additional samples have been included within this Task Order for stormwater samples. The

stormwater samples will be collected by City staff when deemed appropriate. Analytical costs and coordination with the City have been included in this Task Order.

The spring and fall sampling events are anticipated to take two (2) field personnel one (1) field day to complete and will include the following activities:

- Contact City one to two weeks in advance to schedule the event, discuss site access and other matters that need to be addressed and coordinate with the laboratory for sample container delivery.
- Complete internal quality control review with field sampling team. Review will include list of supplies/equipment, Health and Safety Plan, the current SAP, and field procedures.
- Collect the sample bottles, coolers, and field equipment required. Set up rental for groundwater pump and water quality meter. Purchase necessary disposable tubing and sampling supplies. Review sample bottles and equipment to assure adequate materials are available for the sampling activities.
- At each well planned for monitoring, the protective casings, well caps, ID labels, and locks will be inspected for integrity. Deficiencies will be documented and reported to the City.
- Collection of static water level and bottom of well casing measurements will be obtained from each of the monitoring wells being sampled and from each delineation well.
- Field measurements of temperature, pH, specific conductivity, turbidity, dissolved oxygen, and oxidation-reduction potential will be collected during purging of each well. Purging and sampling data will be recorded using a groundwater sampling data form. The form will be completed for each well.
- Water level measurements will be collected at each monitoring well, including those not sampled.
- Groundwater samples will be shipped to laboratory for analyses.
- The parameters to be included in the analyses are Appendix III (detection Monitoring constituents) and Appendix IV (assessment monitoring constituents) of the federal CCR Rule at each monitoring well.

Task Deliverables:

- None anticipated

Planned Meetings: None anticipated.

Key Understandings:

1. Groundwater sampling will be completed by HDR personnel with a current Nebraska water well monitoring technician (WWMT) license.

Task 200 – 2023 Spring Reporting

Objective:

Evaluate assessment monitoring data collected during the first 2023 semi-annual sampling event in accordance with 40 CFR §257.96(b) and NDEE Title 132, Chapter 7, Section 005.02 to determine if the PGS Ash Landfill has continued exceedances for existing Appendix IV SSLs above the GWPS or if additional SSLs are detected.

HDR Activities:

HDR will analyze the existing CCR monitoring well data collected as part of the first 2023 semiannual sampling event at the PGS Ash Landfill. Analysis of the data will include the following activities:

1. Upon receiving the laboratory analytical results for the spring 2023 semiannual assessment monitoring event, HDR will review the data, update the facility's database, summarize the sampling event, and perform statistical analysis of the groundwater data in accordance with the facility's most recent SAP and CCR Statistical Method Certification for inclusion in:
 - NDEE Title 132 Spring Groundwater Monitoring Report.

- A technical memorandum with the results of the statistical analysis for assessment monitoring program requirements (40 CFR §257.96(b)) and the Selection of Remedy long-term monitoring will be provided to the City and will be included in the Annual CCR Report. The CCR Rule requires an Annual Groundwater Monitoring & Corrective Action Report; therefore, a CCR report will not be completed for the spring 2023 sampling event.
 - CCR Rule notification letter, if necessary, to be placed in the operating record and on the owner or operator's publicly accessible internet site. The notification letter will be developed, as required by the CCR rule, if a new SSL above the GWPS is detected during the spring 2023 sampling event for any Appendix IV constituents at the certified groundwater monitoring system for the PGS Ash Landfill.
2. HDR will complete a draft of the NDEE Title 132 Spring Groundwater Monitoring Report and provide to the City for review and comment. Comments will be incorporated into the report and final copy will be provided to the City for placement in their operating record (not to be posted to the facility's publicly accessible internet site). The Title 132 Spring Groundwater Monitoring Report will be submitted to NDEE (by HDR on behalf of the City, unless otherwise requested).
 3. HDR will provide copies of notification letters required by the CCR Rule. Notification letters will be prepared in accordance with 40 CFR §257.106. Notifications may include but are not limited to: notification identifying constituents in Appendix IV that were detected statistically above the GWPS (and not previously identified in prior notifications); notification of an ASD evaluation; and notification to the NDEE of placement of information in the operating record and on the publicly accessible website. The City will place the notification letters on their own letterhead and submit to the NDEE and post on the public website, as necessary.
 4. HDR will develop a groundwater contour map for the spring 2023 sampling event to be included in the Title 132 Spring Groundwater Monitoring Report. Groundwater contours will include groundwater flow direction and an estimated flow velocity.

Anticipated Meetings and Site Visits:

It is anticipated that one (1) conference call will be held with the City and HDR to discuss results of the spring 2023 groundwater sampling event, and comments on the draft Title 132 Spring Groundwater Monitoring Report.

Task Deliverables:

- Draft Title 132 Spring Groundwater Monitoring Report for the City to review, submitted electronically.
- Final Title 132 Spring Groundwater Monitoring Report (one (1) electronic copy and one (1) paper copy to the City (if requested); and electronic document submittal to NDEE Records Management).
- Notification letter(s), if necessary, to be placed on City's letterhead (for placement in the facility's operating record and publicly accessible internet site).

Key Understandings and Assumptions:

1. HDR will use the SANITAS™ software package, by Sanitas Technologies, Inc., to provide the statistical analysis. Software renewal fees will be required for 2023 and have been included in this Task Order.
2. The NDEE Title 132 Spring Groundwater Monitoring Report will be completed by HDR's qualified professional engineer for placement in the facility operating record. The report will be provided in both electronic format and paper copy to the City. HDR will submit the report to NDEE on behalf of the City (unless otherwise requested). HDR will electronically submit the report to NDEE that ensures receipt no later than August 1, 2023.
3. In the event notification letter(s) are required by the CCR rule, the draft notification letter will be provided in electronic format to the City. The City will place the notification on the City's letterhead prior to placement in operating record and posting to the operator's publicly accessible internet site.
4. Pending the results of the spring 2023 groundwater sampling event and statistical analysis, verification sampling and reporting may be required. This Task Order does not include verification sampling. If necessary, an amendment to the scope and fee will be submitted to the City.
5. The scope of this work does not include an ASD or reporting requirements specified under the Corrective Action Monitoring Program in the CCR rule and the NDEE Title 132. In the event a formal ASD or

Corrective Action Monitoring reporting is required, an amendment to the scope and fee will be provided to the City.

Task 300 – 2023 Fall Reporting

Objective:

Evaluate assessment monitoring data collected during the second 2023 semi-annual sampling event in accordance with 40 CFR §257.96(b) and NDEE Title 132, Chapter 7, Section 005.02 to determine if the PGS Ash Landfill has continued exceedances for existing Appendix IV SSLs above the GWPS or if additional SSLs are detected.

HDR Activities:

HDR will analyze the existing CCR monitoring well data collected as part of the second 2023 semiannual sampling event at the PGS Ash Landfill. Analysis of the data will include the following activities:

1. Upon receiving the laboratory analytical results for the fall 2023 semiannual assessment monitoring event, HDR will review the data, update the facility's database, summarize the sampling event, and perform statistical analysis of the groundwater data in accordance with the facility's most recent SAP and CCR Statistical Method Certification for inclusion in:
 - the Annual Groundwater Monitoring & Corrective Action Report, as required by the CCR rule; and
 - NDEE Title 132 Fall Groundwater Monitoring Report.
2. HDR will complete a draft of the Annual Groundwater Monitoring & Corrective Action Report and provide to the City for review and comment. Comments will be incorporated into the report and final copy will be provided to the City for placement in the operating record and on the facility's publicly accessible internet site.
3. HDR will complete a draft of the NDEE Title 132 Fall Groundwater Monitoring Report and provide to the City for review and comment. Comments will be incorporated into the report and final electronic copy will be provided to the City. HDR will submit the report to NDEE on behalf of the City (unless otherwise requested).
4. HDR will provide copies of notification letters required by the CCR Rule. Notification letters will be prepared in accordance with 40 CFR §257.106. Notifications may include but are not limited to: notification identifying constituents in Appendix IV that were detected statistically above the GWPS (and not previously identified in prior notifications); notification of an ASD evaluation; and notification to the NDEE of placement of information in the operating record and on the publicly accessible website. The City will place the notification letters on their own letterhead and submit to the NDEE and post on the public website, as necessary.
5. HDR will develop a groundwater contour map for the fall 2023 sampling event to be included in the Title 132 Fall Groundwater Monitoring Report. Groundwater contours will include groundwater flow direction and an estimated flow velocity.

Anticipated Meetings and Site Visits:

It is anticipated that one (1) conference call will be held with the City and HDR to discuss results of the second 2023 semi-annual sampling event, and the City's comments on the draft Title 132 Fall Groundwater Monitoring Report and the CCR Annual Groundwater Monitoring & Corrective Action Report.

Task Deliverables:

- Draft Title 132 Fall Groundwater Monitoring Report for the City's review, submitted electronically.
- Final Title 132 Fall Groundwater Monitoring Report (one (1) electronic copy and one (1) paper copy to the City (if requested); and electronic document submittal to NDEE Records Management).
- Draft CCR Annual Groundwater Monitoring & Corrective Action Report for the City's review, submitted electronically.
- Final CCR Annual Groundwater Monitoring & Corrective Action Report (one (1) electronic copy and one (1) paper copy to the City (if requested)).

- Notification letter(s), if necessary, to be placed on City's letterhead (for placement in the facility's operating record and publicly accessible internet site).

Key Understandings and Assumptions:

1. The NDEE Title 132 Fall Groundwater Monitoring Report will be completed by HDR's qualified professional engineer for placement in the facility operating record. The report will be provided in electronic format. HDR will submit the report to NDEE on behalf of the City (unless otherwise requested). HDR will electronically submit the report to NDEE at a date which ensures receipt no later than February 1, 2024.
2. In the event notification letter(s) are required by the CCR rule, the draft notification letter will be provided in electronic format to the City. The City will place the notification on the City's letterhead prior to placement in operating record and posting to the operator's publicly accessible internet site.
3. The Annual Groundwater Monitoring & Corrective Action Report will be completed by HDR's qualified professional engineer for placement in the facility operating record. The City will place in their operating record the final version of the Annual Groundwater Monitoring & Corrective Action Report no later than January 31, 2024.
4. The City will post the final version of the Annual Groundwater Monitoring & Corrective Action Report to the facility's publicly accessible internet site no later than 30 days after placement in the operating record (by March 2, 2024).
5. Pending the results of the spring 2023 and/or fall 2023 groundwater sampling events and statistical analyses, verification sampling and reporting may be required. This Task Order does not include verification sampling. If necessary, an amendment to the scope and fee will be submitted to the City.
6. The scope of this work does not include an ASD or reporting requirements specified under the Corrective Action Monitoring Program in the CCR rule and the NDEE Title 132. In the event a formal ASD or Corrective Action Monitoring reporting is required, an amendment to the scope and fee will be provided to the City.

PART 3.0 OWNER'S RESPONSIBILITIES:

1. The City will provide access to the site related to the PGS Ash Landfill.
2. The City will place reports and documents in the facility operating record.
3. The City will post the 2023 Annual Groundwater Monitoring & Corrective Action Report on their CCR website within 30 days of placing report in the facility operating record.
4. The City will place draft notification on City letterhead, finalize, sign, and submit notification to NDEE that the 2023 Annual Groundwater Monitoring & Corrective Action Report was placed in operating record and posted to the CCR website.

PART 4.0 PERIODS OF SERVICE:

Services associated with this project will commence upon Notice to Proceed from the City of Grand Island. The schedule outlined below is proposed by HDR based on anticipated approval by April 1, 2023.

CCR 2023 Groundwater Monitoring & Reporting	Start Date	End Date
Contract Award	March 2023	
Task 100 – Groundwater Sampling		
1 st Semi-Annual Groundwater Sampling Event (completed by HDR)	April 2023	April 2023
2 nd Semi-Annual Groundwater Sampling Event (completed by HDR)	October 2023	October 2023
Stormwater Sampling Event(s) (completed by the City)	TBD	TBD
Task 200 – 2023 Spring Reporting		
Statistical Analysis & Draft Title 132 Groundwater Report to the City	May 2023	June 2023
Final Title 132 Groundwater Report to the City	July 2023	July 2023

CCR 2023 Groundwater Monitoring & Reporting	Start Date	End Date
HDR to Submit Final Title 132 Groundwater Report to NDEE	No later than August 1, 2023	
Notification Letter(s), as necessary	TBD	TBD
Task 300 – 2023 Fall Reporting		
Statistical Analysis & Draft Title 132 & CCR Annual Groundwater Reports to the City	Nov. 2023	Jan. 2024
Final Title 132 & CCR Annual Groundwater Reports to the City	Jan. 2024	Jan. 2024
City to Place CCR Annual Report in Operating Record	No later than January 31, 2024	
City to Place CCR Annual Report on CCR website	No later than March 2, 2024	
HDR to Submit Final Title 132 Groundwater Report to NDEE	No later than February 1, 2024	
Notification Letter(s), as necessary	TBD	TBD

PART 5.0 PAYMENTS TO ENGINEER:

Compensation for these Services shall be on a per diem basis with an agreed maximum amount of Forty Thousand dollars (\$40,000). The following table contains a breakdown of the estimated fee by task for this project.

Task Description		Estimated Total Fee
Task 100	Groundwater Field Sampling (2 Events)	\$19,500
Task 200	2023 Spring Reporting	\$9,000
Task 300	2023 Fall Reporting	\$11,500
TOTALS		\$40,000

Per Diem shall mean an hourly rate equal to Direct Labor Cost times a multiplier of 3.2 to be paid as total compensation for each hour an employee works on the project, plus Reimbursable Expense.

Direct Labor Cost shall mean salaries and wages, (basic and overtime) paid to all personnel engaged directly on the Project.

Reimbursable Expense shall mean the actual expenses incurred directly or indirectly in connection with the Project for transportation travel, meals, equipment rental and field supplies, subconsultants, subcontractors, technology charge, telephone, telex, shipping and express, and other incurred expenses.

HDR will add ten percent (10%) to invoices received by HDR from subconsultants and subcontractors to cover supervision, administrative, and insurance expenses. Eurofins TestAmerica will be the contracted subcontractor for laboratory services.

This Task Order is executed this _____ day of _____, 2023.

CITY OF GRAND ISLAND, NE

HDR ENGINEERING, INC.

"OWNER"

"ENGINEER"

BY: _____

BY: _____

Matthew B. Tondl

NAME: _____

NAME: _____

Matthew B. Tondl

TITLE: _____

TITLE: _____

Senior Vice President

ADDRESS: _____

ADDRESS: _____

1917 S 67th St

Omaha, NE 68106

RESOLUTION 2023-50

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 at a cost not to exceed \$86,290.00; and

WHEREAS, on September 24, 2019, Council approved HDR Engineering to complete Tasks #5-9 to allow compliance with the CCR Rule at 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 at a cost not to exceed \$12,990.00; and

WHEREAS, on November 26, 2019, Council approved HDR Engineering to completed Task 12, upgradient Well MW-11, at a cost not to exceed \$16,660.00; and

WHEREAS, to ensure continued preparation and to address and respond to NDEE regarding the Title 132 Permit Renewal Application revisions and amend the CCR Run-on and Run-off Control System, Task 10-300, it is recommended that HDR Engineering continue with these tasks. Task 10-300 is being presented at a cost not to exceed \$14,860.00; and

WHEREAS, on March 10, 2020, Council approved Task 13 for the CCR Groundwater Monitoring and Reporting which included semi-annual Groundwater Sampling for the first and second half of 2020, and the 2020 Spring and Fall Groundwater Reports at a cost not to exceed \$47,100.00; and

WHEREAS, on June 23, 2020, Council approved HDR Engineering to complete Task 14 for the Site Investigation Services for the detection of contaminants at an increased level at a cost not to exceed \$25,900.00; and

WHEREAS, on August 11, 2020, Council approved Task 15 for the CCR Groundwater Services – NDEE Meeting and Corrective Action and Monitoring Plan following the ACM report at a cost not to exceed \$35,600.00; and

WHEREAS, on September 22, 2020, Council approved Task 16 for the CCR

Approved as to Form	□ _____
February 24, 2023	□ City Attorney

Groundwater Services for the CCR Annual Landfill Inspection, Fugitive Dust Control Reporting, and initial Generation and Utilization Report for a cost not to exceed \$13,310.00; and

WHEREAS, on March 9, 2020, Council approved Task 17 for the CCR 2021 Groundwater Monitoring and Reporting, including semi-annual field sampling for the first and second half of 2021, and the 2021 Spring and Fall Groundwater Reports at a cost not to exceed \$39,900.00; and

WHEREAS, on December 28, 2021, Council approved HDR Engineering to complete Task 18 for the CCR Annual Landfill Inspection, Fugitive Dust Control report and the annual CCR generation and utilization report for a cost not to exceed \$13,580.00; and

WHEREAS, on April 26, 2022, Council approved HDR Engineering to complete Task 19 for the CCR 2022 Groundwater Monitoring and Reporting, including semi-annual field sampling for the first and second half of 2022, and the 2022 Spring and Fall Groundwater Reports for a cost not to exceed \$40,000.00; and

WHEREAS, on November 22, 2022, Council approved HDR Engineering to complete Task 20 for the CCR Annual Landfill Inspection, Fugitive Dust Annual Control Report, and CCR Generation and Utilization Annual Report for a cost not to exceed \$13,890.00; and

WHEREAS, Task 21 is being presented for the CCR 2023 Groundwater Monitoring and Reporting, including semi-annual field sampling for the first and second half of 2023, and the 2023 Spring and Fall Groundwater Reports for a cost not to exceed \$40,000.00; and

WHEREAS, 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 Task 21 for the 2023 Groundwater Monitoring and Reporting, and CCR Generation and the 2023 Spring and Fall Groundwater Reports for a cost not to exceed \$40,000.00.

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 21 associated with the CCR Rule and NDEE Title 132 in an amount not to exceed \$40,000.00.

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Adopted by the City Council of the City of Grand Island, Nebraska, February 28, 2023.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk