




LOWER PLATTE SOUTH natural resources district

3125 Portia Street | P.O. Box 83581 • Lincoln, Nebraska 68501-3581
P: 402.476.2729 • F: 402.476.6454 | www.lpsnrd.org

Memorandum

Date: August 13, 2024
To: Urban Subcommittee
From: Drew Ratkovec, Projects Coordinator 
Subject: Urban Subcommittee Meeting Minutes – August 2024

The Urban Subcommittee met on August 13, 2024, at the NRD Office, at 5:30 pm. Subcommittee members participating included John Yoakum- committee chair, Gary Aldridge, Luke Peterson, Larry Ruth, Anthony Schutz, Greg Osborn, and Ray Stevens. Others participating included NRD staff Mike Sousek, Al Langdale, Craig Matulka, Jodi Delozier, and Drew Ratkovec. Tim Zach from the City of Lincoln, Mike Sotak and Connor Kelly from Houston Engineering, Troy Weatherby and John Frost from Beaver Lake Association were also in attendance. Director Yoakum called the meeting to order at 5:30 pm. There were five (5) items the Subcommittee took action on. A quorum was present for the meeting.

A. Consideration of CAP Application Request – Beaver Lake Association Study [ACTION]–

Craig Matulka, Stormwater/Watershed Specialist presented background information to the subcommittee. Beaver Lake Association submitted a Community Assistance Program request for the Dam Rehabilitation investigative stage. NeDNR has requested Beaver Lake to complete a study to investigate potential repair and replacement alternatives to address any issues occurring with the structure. Beaver Lake has hired Houston Engineering to investigate the structure. They are currently applying for financial assistance with FEMA through their High Hazard Potential Dams funding assistance program. This is the tallest dam in the district at 96 feet tall. It typically has a 12-foot flood pool providing flood storage. Questions were answered by staff and Houston about the history of the CAP and the potential size of the project. Beaver Lake discussed the history of the lake. They currently have 1100 homes in their district and have been budgeting for this project, as well as looking for assistance through other programs.

- Work Type: Engineering—Investigation of dam structure
- Budget: Included in FY 25 Budget
- Funding: NRD
- Proposal: \$110,614.00 NRD Funds –
- Start: August 2024
- Completion: June 30, 2024/FY25
- Delays: n/a
- Payers, players, & Partners: NRD, Houston, Beaver Lake, FEMA (if approved)
- Deliverables: Alternatives for repair and replacement

It was moved by Osborn, seconded by Schutz, and approved 7-0 by the Subcommittee to recommend that the Board of Directors approve the Community Assistance Program application request for the Beaver Lake Association Dam Rehabilitation project at a cost share amount of 50% of the total eligible study costs, not to exceed \$110,614.00.

B. Consideration of Bids for the Salt Creek Channel Culvert Rehabilitation [ACTION]—

Al Langdale, Operations and Maintenance Coordinator presented background information on the Salt Creek Channel Rehabilitation project. This project was designed by Houston Engineering and has three Salt Creek projects grouped into one package. Two projects are culvert repairs and rehabilitations. The third project is to construct a new driveway to access the levee. There were five bids with M.E. Collins having the lowest bid. Houston recommended accepting M.E. Collins bid. The NRD has worked with M.E. Collins in the past in which they have provided satisfactory work. Questions were answered by Langdale about the history of the culverts and if they have been repaired before.

- Work Type: Construction
- Budget: Included in FY 25 Budget
- Funding: NRD
- Proposal: \$414,436.43
- Start: October 2024
- Completion: January 2025
- Bid Using Unit Prices
- Delays: Weather
- Access: n/a
- Payers, players, & Partners: NRD, Houston, M.E. Collins
- Deliverables: Completed repairs and rehabilitations, as well as a new access driveway
- Legal Counsel Review: Will be reviewed before contracts are signed

It was moved by Stevens, seconded by Osborn, and approved 7-0 by the Subcommittee to recommend the Board of Directors approve the low bid of \$ 414,436.43 from M.E. Collins Contracting for the Salt Creek Rehabilitation and Repair Project.

C. Consideration of the Oak Creek Mitigation Conservation Easement [ACTION]—

Al Langdale, Operations and Maintenance Coordinator presented information on the Oak Creek Mitigation Conservation Easement. This easement is part of the 40th and Scott Ave. Antelope Creek project. The NRD was required by the Army Corp of Engineers to provide a mitigation plan in order to acquire a 404 permit. Acquiring the conservation easement is the last step before finalizing the mitigation plan. Langdale answered questions from Directors on what was done to mitigate and work completed on the property. He explained that certain plant species were planted on the bench of Oak Creek that would mitigate what was damaged from the Antelope Creek project. A fence was also installed around the area with a locked gate. There will be inspections for the next five years to monitor this area.

- Legal Counsel has Reviewed
- Deliverables: Finalize mitigation plan

It was moved by Stevens, seconded by Ruth, and approved 7-0 by the Subcommittee to recommend the Board of Directors approve that the General Manager is authorized to execute the Oak Creek Mitigation Conservation Easement.

D. Consideration of Amendment #3 with the UNL Deadman’s Run Flood Reduction Project [ACTION]- Mike Sousek, General Manager discussed the agreement and how it has been changing as this Deadman’s Run project moved forward. The third amendment was created to spell out items such as moving away from the Army Corps and making this a local project. It also has language on wetland components that will be designed and built in the future. The NRD will help with design and construction of the grading for these wetlands. UNL will then take over the specifics on the wetland details. Another component of this agreement is the potential opportunity to move spoils from the excavation of the project to East Campus or Innovation Campus if the spoils meet UNL standards. Questions were answered by NRD staff, City of Lincoln, and Houston. It was noted the 38th St. Bridge is no longer needed to be replaced. A description of the location of the detention basin on east campus and how it functions was also discussed.

- Completion: 2028 (depending on delays)
- Payers, players, & Partners: NRD (lead), UNL, City of Lincoln, Water Sustainability Fund
- Deliverables: site for detention basin, potential for spoil removal
- Legal Counsel has Reviewed
- Easement: Will be granted to NRD for O&M of detention basin

It was moved by Ruth, seconded by Stevens, and approved 5-2 (Aldridge voting no and Schutz abstaining) by the Subcommittee to recommend the Board of Directors approve Amendment #3 between the Lower Platte South NRD and the University of Nebraska-Lincoln for the Deadman’s Run Flood Reduction Project.

E. Consideration of Professional Services from Houston Engineering on the Deadman’s Run Flood Reduction Project [ACTION]—

Mike Sousek, General Manager, presented information on the professional services agreement from Houston Engineering. The NRD and City of Lincoln are continuing to move forward with the Deadman’s Run Flood Reduction project. Houston Engineering has provided a cost estimate for alternate ‘G’ to perform site investigation, design, permitting, development of plans and specifications, bidding assistance, construction administration, and observation services. The original project was \$60 million dollars. With Houston’s value engineering study lowering the costs to \$18.5 million dollars, the project is now feasible while still providing the initial benefits and goals from the original plan. Questions from the Directors were answered by all representatives at the meeting on costs, delays, and budget. The NRD and City of Lincoln are splitting funds 50/50 for this project.

- Work Type: Engineering
- Budget: Included in FY 25 Budget
- Funding: NRD, City of Lincoln, Water Sustainability Fund
- Proposal: \$2,590,009.00
- Start: August 2024
- Completion: August 2026 (depending on delays)
- Permits: Local (floodplain), State (water quality), Federal (404)
- Delays: Weather
- Access: n/a
- Payers, players, & Partners: NRD (lead), City of Lincoln, Houston, UNL, Water Sustainability Fund
- Deliverables: design, permitting, development of plans and specifications, bidding assistance, construction administration, and observation services
- Legal Counsel Review: Currently under review

It was moved Stevens, seconded by Osborn, and approved 5-2 (Aldridge voting no and Schutz abstaining) by the Subcommittee to recommend the Board of Directors approve the Professional Services Agreement with Houston Engineering for \$2,590,009.00, pending legal counsel.

The meeting adjourned at 6:40 pm.

cc: Dave Landis
Corey Wasserburger



LOWER PLATTE SOUTH natural resources district

3125 Portia Street | P.O. Box 83581 • Lincoln, Nebraska 68501-3581 | P: 402.476.2729 • F: 402.476.6454 | www.lpsnrd.org

Memorandum

Date: August 13, 2024

To: LPSNRD- Urban Subcommittee

From: Craig Matulka, Stormwater/Watershed Specialist

Subject: Beaver Lake Association Dam Rehab- Study Phase Request

The Beaver Lake Association has submitted a request for cost-share assistance through the Community Assistance Program from the Lower Platte South Natural Resources District for the Dam Rehab investigative phase. The overall scope of the project consists of performing a site investigation and conducting a geotechnical analysis to better understand the potential implications of the known deficiencies. This request for assistance is for the study phase of the project, with study analysis performed by Houston Engineering.

Currently, the Beaver Lake Association Dam is experiencing several issues that need to be addressed. The internal drainage system is showing signs of clogging, which can lead to slope failures. The concrete chute spillway was designed within the Dam fill and not on natural ground, there are likely voids under the surface that cause concerns during runoff events. The low-level drawdown is old and not functioning properly, NDNR has asked this to be repaired or replaced. There are seepage issues in the Dam that NDNR feels need to be investigated further.

Houston Engineering will provide project management coordination and communications with the Client and LPSNRD staff. The estimated completion date by Houston Engineering of the Study Phase is in the summer of 2025. Future phases of the Dam rehab project are unknown currently.

The total cost of the Study Phase from Houston Engineering for the Beaver Lake Association Dam Rehabilitation Project is \$221,229.00, for the previously mentioned services. The Beaver Lake Association is requesting reimbursement from the LPSNRD for 50% of this Study phase, which is \$110,614.00.

The Subcommittee will consider a motion to recommend that the Board of Directors Approve the Community Assistance Program application request for The Beaver Lake Association Dam Rehabilitation Project at a cost share amount of 50% of the total eligible study costs, not to exceed \$110,614.00.



Beaver Lake Association

24 June 2024

Craig Matulka, Stormwater/Watershed Specialist

Lower Platte South NRD

3125 Portia Street

Lincoln, NE 68521

Re: LSPNRD Community Assistance Program Application for Beaver Lake Dam Rehabilitation

Dear Craig:

As discussed at our 12 June 2024 meeting at the NRD headquarters, the Beaver Lake Association (Cass County, NE) is beginning a rehabilitation project on our dam and we are requesting assistance from the LPSNRD as outlined in your Community Assistance Program (CAP.) We have recently hired a team led by Houston Engineering (HEI) to assist us with our rehabilitation efforts and have attached their project proposal which highlights our intended path forward. As noted in the proposal, we are also in the process of applying for financial assistance with FEMA through their High Hazard Potential Dams (HHPD) funding assistance program. This program would potentially provide 65% cost share on design, permitting and construction phase services. NDNR's Dam Safety Division and NEMA are assisting us with that application, and HEI is providing us with technical assistance and cost estimating, as well. Our phased approach to this is described in detail starting on Page 32 of HEI's attached proposal.

We believe our project is a good match for your CAP based on the following:

Description of the Problem – Our dam is experiencing several deficiencies. They are well documented in HEI's attached proposal, but a few of the major issues are summarized as follows:

- The **internal drainage system** is showing signs of clogging and needs to be repaired, rehabilitated or replaced. This can lead to unsafe slope stability in the downstream slope of the dam.
- The **concrete chute spillway** was designed within the dam fill, rather than in the dam abutment on natural ground. And while the spillway appears to be in good shape on the surface, engineers have told us that the dam settlement that has occurred has likely created voids beneath the surface of the spillway that cause significant concerns during a runoff event.

9410 Clubhouse Circle • Plattsmouth, NE 68048 • Phone: (402)235-2241 • Fax: (402) 235-3244
Website: www.beaverlakene.org

- The **low level drawdown** is old and does not function well. NDNR has asked that the system is fully inspected and repaired/rehabilitated to operate as intended.
- There are **seepage issues** at the lake that NDNR feels need to be investigated further.

Proposed Solution – HEI has laid out some ideas for potential repair/rehabilitation/replacement ideas within their proposal, but intend to begin with an investigative phase effort to perform a site investigation and conduct a geotechnical analysis to better understand the potential implications of the known deficiencies. Their scope of work and associated fee are described in detail on Page 43 of the attached proposal.

Benefits of Proposed Solution – Operating and maintaining a safe dam that meets today's dam design criteria for high hazard potential structures is our goal. While Beaver Lake Dam is privately owned by the Beaver Lake Association (BLA), the reservoir is not open to the public. However, the dam does provide public value by protecting a large area of Missouri River floodplain between the dam and the river which includes the unincorporated village of Rock Bluff, several farmsteads and high production farm ground, and multiple roadways including 27th Avenue, which carries almost all north-south vehicular traffic for Cass County east of Highway U.S. 75. A dam failure would carry with it an unacceptable chance of loss of life, hence the high hazard potential hazard classification for the dam.

Estimated Schedule – the multi-phased project schedule will largely be a function of the availability of funding to help with our rehabilitation efforts. We are working on a detailed schedule with FEMA as part of our application process, but in general what we are working towards today can be summarized as follows:

June, 2024 – BLA hired HEI to assist with funding assistance, design and permitting services.

July 19, 2024 – NDNR and HEI Team conduct site investigation.

July, 2024 – Install additional instrumentation to monitor reservoir level and several critical (existing) piezometers as recommended by HEI team to collect valuable information for the upcoming analysis.

July, 2024 – Complete Phase II of the FEMA HHPD with assistance from NDNR, NEMA and HEI. This will be based on a description of the design path ahead and potential rehabilitation/repair/replacement alternatives identified by NDNR and HEI Team.

Fall, 2024 – FEMA HHPD Funding award for remaining investigative phase.

Summer, 2025 – Completion of investigative phase by HEI Team and coordination with FEMA for next phase of project.

Other Participants in the Project – BLA is a private community and the dam is located entirely within our jurisdiction. There is potentially some downstream coordination that will be required with Cass County, but other than that, only the regulatory community is anticipated to be involved with the project except for outside funding.

Project Costs – because alternatives have not been identified in any great detail and the site investigation has not been conducted, we do not know what the total cost of the project is but

could very well be as high as several million dollars. As described above, we are hoping to receive financial assistance through FEMA's HHPD program. This would involve funding assistance from NEMA and technical assistance from NDNR and the HEI Team. Besides this funding request, no other outside funding partners have been identified.

Based on the above, we hope that the LPSNRD sees the value in this project and the value to the public in general. Based on the CAP's available funding, we anticipate the following expenses in the NRD's Fiscal Year 2025 based on HEI's:

<u>Project Phase</u>	<u>Total Cost</u>	<u>FEMA Assistance</u>	<u>Local Costs</u>
Pre-HHPD Award Effort	\$40,000	\$0	\$40,000
Additional Instrumentation	\$20,000	\$0	\$20,000
Investigative Phase	\$460,653	\$299,424	\$161,229
Future Phases	Unknown at this time		

Given the above, BLA is respectfully requesting a total financial assistance through LPSNRD's CAP totaling 50% of all local costs, or \$110,614 for Fiscal Year 2025 and hope to discuss continuing that partnership through future phases.

Thank you in advance for reviewing this request. Please do not hesitate to contact me at 402.235.2241 or troyweatherby91@hotmail.com or Mike Sotak at HEI who is authorized to assist on our behalf if you have any technical questions.

Sincerely,



Troy Weatherby

Managing Director, BLA









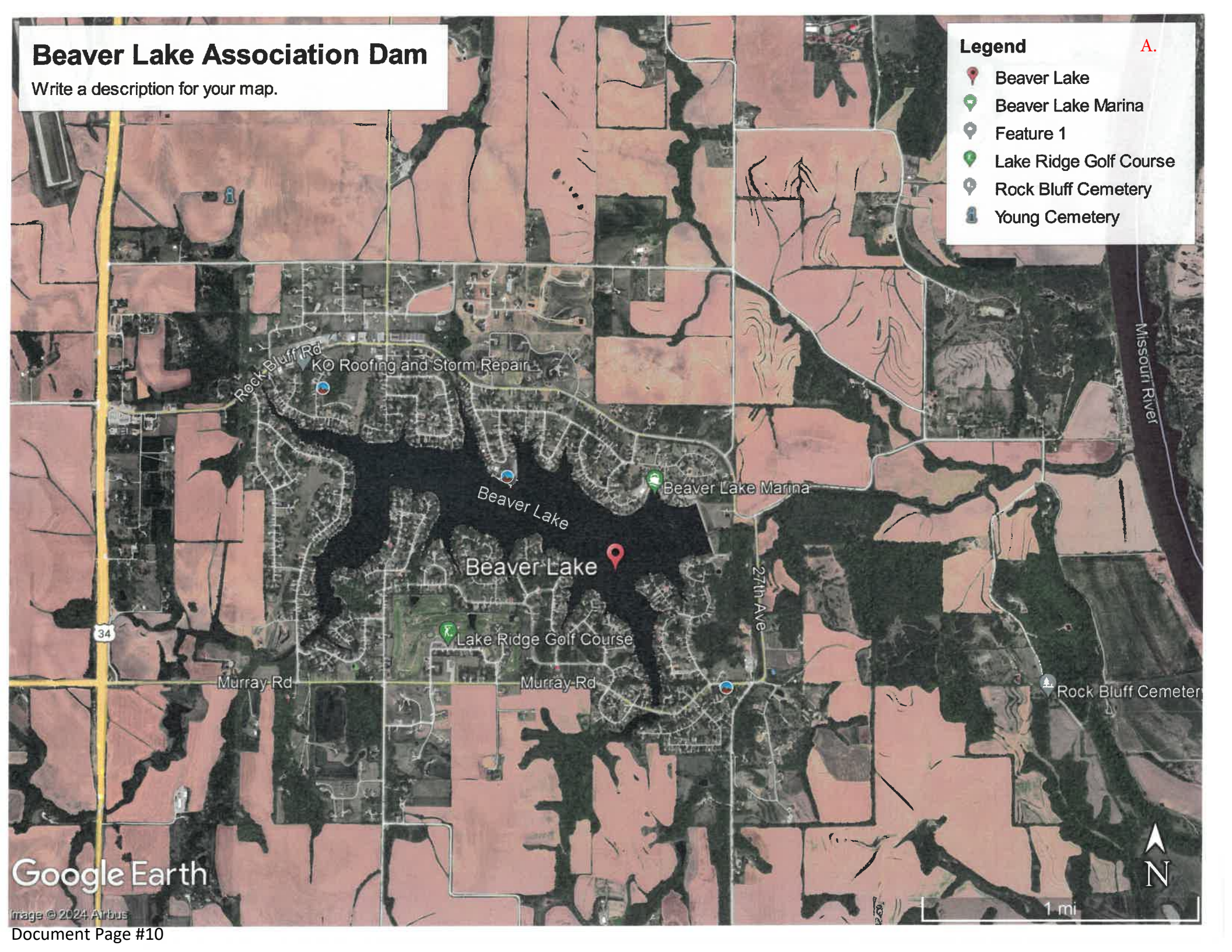
Beaver Lake Association Dam

Write a description for your map.

Legend

A.

-  Beaver Lake
-  Beaver Lake Marina
-  Feature 1
-  Lake Ridge Golf Course
-  Rock Bluff Cemetery
-  Young Cemetery



Rock Bluff Rd

KO Roofing and Storm Repair

Beaver Lake

Beaver Lake Marina

Beaver Lake

Lake Ridge Golf Course

27th Ave

Murray Rd

Murray Rd

Rock Bluff Cemetery

Missouri River

34

Google Earth



Omaha Office P 402.502.7131
12702 Westport Parkway #300
Omaha, NE 68138

5 August 2024

Mr. Al Langdale
Lower Platte South NRD
3125 Portia Street
Lincoln, NE 68521

Re: Salt Creek Rehabilitation and Repair Project – Engineer’s Recommendation

Dear Al:

The bid opening for the above-referenced project was held at the Lower Platte South NRD on 31 July 2024 at 10:00 am. Five bids were received with the low bid of \$414,436.43 from M.E. Collins Contracting Co. of Wahoo, Nebraska. This bid was \$1,569.37 below the Engineer’s Opinion of Probable Costs (EOPPC) that totaled \$416,005.80. All required documents including Bid Bonds and acknowledgement of 2 addenda accompanied the bid. The other four bids received are listed below:

Nelson & Rock Contracting	\$469,972.00
General Excavating	\$497,165.68
JMN Construction, LLC	\$518,743.10
H.R. Bookstrom Construction Inc.	\$736,715.00

Houston has worked with M.E. Collins in the past, including this past spring where they completed the Thompson Creek Culvert Rehabilitation Project for the City of LaVista. This project was very similar to work being done on the Salt Creek Rehabilitation and Repair Project and was a positive working experience for all involved. Based on our past working experience with M.E. Collins Contracting, I believe that M.E. Collins Contracting is capable of doing this work for your NRD.

For the reasons stated above, my recommendation is for the Lower Platte South NRD to award the project to M.E. Collins Contracting Co. and begin the contracting process upon Board approval. Please feel free to contact me if you have any questions.

Sincerely,

Lindy Rogers, P.E.

Project: Salt Creek Rehabilitation and Repair Project

Owner: Lower Platte South NRD

Bid Date: 31 July 2024

ITEM	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST		M.E. COLLINS CONTRACTING CO		DIFFERENCE BETWEEN EOPCC AND LOW BID	NELSON & ROCK CONTRACTING		GENERAL EXCAVATING		JMN CONSTRUCTION		H.R. BOOKSTROM	
				UNIT COST	TOTAL	UNIT COST	TOTAL		UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
95+25L CULVERT REHABILITATION																
1.01	MOBILIZATION	1	LS	\$ 33,574.00	\$ 33,574.00	\$ 14,570.00	\$ 14,570.00	\$ 19,004.00	\$ 50,000.00	\$ 50,000.00	\$ 26,684.30	\$ 26,684.30	\$ 25,000.00	\$ 25,000.00	\$ 75,000.00	\$ 75,000.00
1.02	STABILIZED CONSTRUCTION ENTRANCE	1	EA	\$ 6,000.00	\$ 6,000.00	\$ 2,670.00	\$ 2,670.00	\$ 3,330.00	\$ 3,500.00	\$ 3,500.00	\$ 4,700.00	\$ 4,700.00	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00
1.03	TEMPORARY TRAFFIC CONTROL	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 1,722.10	\$ 1,722.10	\$ 277.90	\$ 2,000.00	\$ 2,000.00	\$ 2,100.00	\$ 2,100.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
1.04	SWPPP MEASURES	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 6,300.00	\$ 6,300.00	\$ (2,800.00)	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
1.05	32" OD HDPE SLIPLINING	97	LF	\$ 310.00	\$ 30,070.00	\$ 428.00	\$ 41,516.00	\$ (11,446.00)	\$ 450.00	\$ 43,650.00	\$ 500.00	\$ 48,500.00	\$ 700.00	\$ 67,900.00	\$ 850.00	\$ 82,450.00
1.06	GROUT FOR SLIPLINING	6	CY	\$ 900.00	\$ 5,400.00	\$ 839.00	\$ 5,034.00	\$ 366.00	\$ 1,500.00	\$ 9,000.00	\$ 2,000.00	\$ 12,000.00	\$ 2,150.00	\$ 12,900.00	\$ 600.00	\$ 3,600.00
1.07	REMOVE DOUBLE TIMBER PILE PIPE SUPPORT	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 1,261.00	\$ 1,261.00	\$ 739.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00
1.08	DOUBLE TIMBER PILE PIPE SUPPORT	1	EA	\$ 8,900.00	\$ 8,900.00	\$ 20,159.00	\$ 20,159.00	\$ (11,259.00)	\$ 10,000.00	\$ 10,000.00	\$ 28,000.00	\$ 28,000.00	\$ 18,000.00	\$ 18,000.00	\$ 25,000.00	\$ 25,000.00
1.09	REMOVE AND REPLACE METAL FLARED END SECTION FOR 36" DIA CMP	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 1,425.00	\$ 1,425.00	\$ 575.00	\$ 2,000.00	\$ 2,000.00	\$ 1,750.00	\$ 1,750.00	\$ 1,350.00	\$ 1,350.00	\$ 3,500.00	\$ 3,500.00
1.10	REMOVE, RECONDITION, AND REINSTALL FLAP GATE FOR 36" DIA CMP	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 1,261.00	\$ 1,261.00	\$ 739.00	\$ 2,500.00	\$ 2,500.00	\$ 8,000.00	\$ 8,000.00	\$ 4,000.00	\$ 4,000.00	\$ 3,500.00	\$ 3,500.00
1.11	DEGRADED RIPRAP REMOVAL AT OUTLET	400	CY	\$ 35.00	\$ 14,000.00	\$ 46.20	\$ 18,480.00	\$ (4,480.00)	\$ 25.00	\$ 10,000.00	\$ 46.00	\$ 18,400.00	\$ 65.00	\$ 26,000.00	\$ 40.00	\$ 16,000.00
1.12	9" RIPRAP BEDDING MATERIAL	348	SY	\$ 30.00	\$ 10,440.00	\$ 34.00	\$ 11,832.00	\$ (1,392.00)	\$ 35.00	\$ 12,180.00	\$ 52.00	\$ 18,096.00	\$ 50.00	\$ 17,400.00	\$ 40.00	\$ 13,920.00
1.13	TYPE "B" RIPRAP	124	TN	\$ 129.00	\$ 15,996.00	\$ 130.90	\$ 16,231.60	\$ (235.60)	\$ 90.00	\$ 11,160.00	\$ 156.50	\$ 19,406.00	\$ 120.00	\$ 14,880.00	\$ 125.00	\$ 15,500.00
1.14	TYPE "C" RIPRAP	416	TN	\$ 129.00	\$ 53,664.00	\$ 130.90	\$ 54,454.40	\$ (790.40)	\$ 90.00	\$ 37,440.00	\$ 156.50	\$ 65,104.00	\$ 120.00	\$ 49,920.00	\$ 125.00	\$ 52,000.00
1.15	REMOVE EXISTING SIDEWALK	350	SF	\$ 15.00	\$ 5,250.00	\$ 2.10	\$ 735.00	\$ 4,515.00	\$ 5.00	\$ 1,750.00	\$ 2.70	\$ 945.00	\$ 4.00	\$ 1,400.00	\$ 2.00	\$ 700.00
1.16	6" CLASS L3500 CONCRETE SIDEWALK	350	SF	\$ 12.00	\$ 4,200.00	\$ 10.90	\$ 3,815.00	\$ 385.00	\$ 13.00	\$ 4,550.00	\$ 17.00	\$ 5,950.00	\$ 16.00	\$ 5,600.00	\$ 20.00	\$ 7,000.00
1.17	SEEDING AND MULCHING	0.1	AC	\$ 4,500.00	\$ 450.00	\$ 6,595.30	\$ 659.53	\$ (209.53)	\$ 20,000.00	\$ 2,000.00	\$ 25,000.00	\$ 2,500.00	\$ 5,246.00	\$ 524.60	\$ 25,000.00	\$ 2,500.00
1.18	EROSION CONTROL BLANKET	500	SY	\$ 4.00	\$ 2,000.00	\$ 2.70	\$ 1,350.00	\$ 650.00	\$ 5.00	\$ 2,500.00	\$ 5.50	\$ 2,750.00	\$ 3.10	\$ 1,550.00	\$ 4.00	\$ 2,000.00
				SUBTOTAL		TOTAL			TOTAL		TOTAL		TOTAL		TOTAL	
				\$ 201,444.00		\$ 203,475.63			\$ 209,230.00		\$ 272,885.30		\$ 257,424.60		\$ 317,170.00	
				5% CONTINGENCY		BID TAB			BID TAB		BID TAB		BID TAB		BID TAB	
				\$ 10,072.20		\$ 211,516.20			\$ 211,516.20		\$ 211,516.20		\$ 211,516.20		\$ 211,516.20	
TOTAL				\$ 211,516.20		DIFFERENCE \$ (8,040.57)		\$ 8,040.57	DIFFERENCE \$ (2,286.20)		DIFFERENCE \$ 61,369.10		DIFFERENCE \$ 45,908.40		DIFFERENCE \$ 105,653.80	

ITEM	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST		M.E. COLLINS CONTRACTING CO		DIFFERENCE BETWEEN EOPCC AND LOW BID	NELSON & ROCK CONTRACTING		GENERAL EXCAVATING		JMN CONSTRUCTION		H.R. BOOKSTROM	
				UNIT COST	TOTAL	UNIT COST	TOTAL		UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
216+50R CULVERT REHABILITATION																
2.01	MOBILIZATION	1	LS	\$ 17,938.00	\$ 17,938.00	\$ 14,000.00	\$ 14,000.00	\$ 3,938.00	\$ 35,000.00	\$ 35,000.00	\$ 30,129.21	\$ 30,129.21	\$ 20,000.00	\$ 20,000.00	\$ 75,000.00	\$ 75,000.00
2.02	HANDLING OF WATER	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 2,101.00	\$ 2,101.00	\$ 899.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00
2.03	TEMPORARY TRAFFIC CONTROL	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 1,722.10	\$ 1,722.10	\$ 1,277.90	\$ 2,000.00	\$ 2,000.00	\$ 2,100.00	\$ 2,100.00	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00
2.04	SEDIMENT/ROCK/DEBRIS REMOVAL	300	LF	\$ 50.00	\$ 15,000.00	\$ 21.00	\$ 6,300.00	\$ 8,700.00	\$ 10.00	\$ 3,000.00	\$ 77.00	\$ 23,100.00	\$ 37.00	\$ 11,100.00	\$ 25.00	\$ 7,500.00
2.05	JOINT REPAIR	37	EA	\$ 1,540.00	\$ 56,980.00	\$ 423.00	\$ 15,651.00	\$ 41,329.00	\$ 800.00	\$ 29,600.00	\$ 161.00	\$ 5,957.00	\$ 2,000.00	\$ 74,000.00	\$ 4,400.00	\$ 162,800.00
2.06	SPALLING/CONCRETE REPAIR AND PICKHOLE FILLING	41	SY	\$ 110.00	\$ 4,510.00	\$ 1,167.00	\$ 47,847.00	\$ (43,337.00)	\$ 800.00	\$ 32,800.00	\$ 579.00	\$ 23,739.00	\$ 1,927.00	\$ 79,007.00	\$ 495.00	\$ 20,295.00
2.07	SEEDING AND MULCHING	1.6	AC	\$ 4,500.00	\$ 7,200.00	\$ 6,595.00	\$ 10,552.00	\$ (3,352.00)	\$ 3,000.00	\$ 4,800.00	\$ 5,550.00	\$ 8,880.00	\$ 2,295.00	\$ 3,672.00	\$ 5,000.00	\$ 8,000.00
2.08	REPAIR OF CIRCUMFERENTIAL CRACKING WITH CHEMICAL GROUT	2	EA	\$ 500.00	\$ 1,000.00	\$ 4,451.00	\$ 8,902.00	\$ (7,902.00)	\$ 24,500.00	\$ 49,000.00	\$ 11,000.00	\$ 22,000.00	\$ 4,000.00	\$ 8,000.00	\$ 3,300.00	\$ 6,600.00
2.09	ADDITIONAL CHEMICAL GROUT REQUIRED FOR FILLING VOIDS	10	CY	\$ 4,125.00	\$ 41,250.00	\$ 5,304.00	\$ 53,040.00	\$ (11,790.00)	\$ 2,000.00	\$ 20,000.00	\$ 1,028.00	\$ 10,280.00	\$ 100.00	\$ 1,000.00	\$ 4,125.00	\$ 41,250.00
				SUBTOTAL		TOTAL			TOTAL		TOTAL		TOTAL		TOTAL	
				\$ 149,878.00		\$ 160,115.10			\$ 181,200.00		\$ 131,185.21		\$ 204,779.00		\$ 325,445.00	
				5% CONTINGENCY		BID TAB			BID TAB		BID TAB		BID TAB		BID TAB	
				\$ 7,493.90		\$ 157,371.90			\$ 157,371.90		\$ 157,371.90		\$ 157,371.90		\$ 157,371.90	
TOTAL				\$ 157,371.90		DIFFERENCE \$ 2,743.20		\$ (2,743.20)	DIFFERENCE \$ 23,828.10		DIFFERENCE \$ (26,186.69)		DIFFERENCE \$ 47,407.10		DIFFERENCE \$ 168,073.10	

Project: Salt Creek Rehabilitation and Repair Project
 Owner: Lower Platte South NRD
 Bid Date: 31 July 2024

ITEM	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST		M.E. COLLINS CONTRACTING CO		DIFFERENCE BETWEEN EOPCC AND LOW BID	NELSON & ROCK CONTRACTING		GENERAL EXCAVATING		JMN CONSTRUCTION		H.R. BOOKSTROM	
				UNIT COST	TOTAL	UNIT COST	TOTAL		UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
DRIVEWAY ACCESS TO LEVEES STA 126+27L TO 127+82L																
3.01	MOBILIZATION	1	LS	\$ 7,479.00	\$ 7,479.00	\$ 5,150.00	\$ 5,150.00	\$ 2,329.00	\$ 35,000.00	\$ 35,000.00	\$ 30,458.57	\$ 30,458.57	\$ 5,500.00	\$ 5,500.00	\$ 35,000.00	\$ 35,000.00
3.02	STABILIZED CONSTRUCTION ENTRANCE	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 2,670.00	\$ 2,670.00	\$ 330.00	\$ 3,500.00	\$ 3,500.00	\$ 4,700.00	\$ 4,700.00	\$ 4,500.00	\$ 4,500.00	\$ 5,000.00	\$ 5,000.00
3.03	TEMPORARY TRAFFIC CONTROL	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,722.10	\$ 1,722.10	\$ (722.10)	\$ 1,500.00	\$ 1,500.00	\$ 2,100.00	\$ 2,100.00	\$ 5,500.00	\$ 5,500.00	\$ 1,500.00	\$ 1,500.00
3.04	CLEARING AND GRUBBING	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 8,160.00	\$ 8,160.00	\$ (6,160.00)	\$ 1,000.00	\$ 1,000.00	\$ 4,000.00	\$ 4,000.00	\$ 5,500.00	\$ 5,500.00	\$ 10,000.00	\$ 10,000.00
3.05	REMOVE TREE STUMP	5	EA	\$ 400.00	\$ 2,000.00	\$ 315.00	\$ 1,575.00	\$ 425.00	\$ 500.00	\$ 2,500.00	\$ 1,220.00	\$ 6,100.00	\$ 675.00	\$ 3,375.00	\$ 300.00	\$ 1,500.00
3.06	SILT FENCE	350	LF	\$ 10.00	\$ 3,500.00	\$ 5.00	\$ 1,750.00	\$ 1,750.00	\$ 6.50	\$ 2,275.00	\$ 6.90	\$ 2,415.00	\$ 4.20	\$ 1,470.00	\$ 5.00	\$ 1,750.00
3.07	EXCAVATION	74	CY	\$ 14.00	\$ 1,036.00	\$ 25.00	\$ 1,850.00	\$ (814.00)	\$ 15.00	\$ 1,110.00	\$ 18.00	\$ 1,332.00	\$ 30.00	\$ 2,220.00	\$ 15.00	\$ 1,110.00
3.08	EMBANKMENT	111	CY	\$ 25.00	\$ 2,775.00	\$ 25.00	\$ 2,775.00	\$ -	\$ 25.00	\$ 2,775.00	\$ 29.00	\$ 3,219.00	\$ 40.00	\$ 4,440.00	\$ 30.00	\$ 3,330.00
3.09	EARTHWORK (BORROW)	37	CY	\$ 25.00	\$ 925.00	\$ 25.00	\$ 925.00	\$ -	\$ 60.00	\$ 2,220.00	\$ 35.00	\$ 1,295.00	\$ 70.00	\$ 2,590.00	\$ 25.00	\$ 925.00
3.10	REMOVE 18" DIA CMP	20	LF	\$ 50.00	\$ 1,000.00	\$ 21.00	\$ 420.00	\$ 580.00	\$ 50.00	\$ 1,000.00	\$ 34.00	\$ 680.00	\$ 25.00	\$ 500.00	\$ 20.00	\$ 400.00
3.11	9" CRUSHED LIMESTONE SURFACING	169	SY	\$ 20.00	\$ 3,380.00	\$ 35.00	\$ 5,915.00	\$ (2,535.00)	\$ 30.00	\$ 5,070.00	\$ 60.00	\$ 10,140.00	\$ 35.00	\$ 5,915.00	\$ 45.00	\$ 7,605.00
3.12	TRIAx TX130S GEOGRID	274	SY	\$ 15.00	\$ 4,110.00	\$ 12.60	\$ 3,452.40	\$ 657.60	\$ 7.00	\$ 1,918.00	\$ 9.35	\$ 2,561.90	\$ 10.00	\$ 2,740.00	\$ 10.00	\$ 2,740.00
3.13	GEOTEXTILE FILTER FABRIC	274	SY	\$ 4.00	\$ 1,096.00	\$ 6.10	\$ 1,671.40	\$ (575.40)	\$ 5.00	\$ 1,370.00	\$ 6.55	\$ 1,794.70	\$ 6.80	\$ 1,863.20	\$ 5.00	\$ 1,370.00
3.14	REMOVE EXISTING SIDEWALK	223	SF	\$ 5.00	\$ 1,115.00	\$ 2.10	\$ 468.30	\$ 646.70	\$ 5.00	\$ 1,115.00	\$ 4.00	\$ 892.00	\$ 3.90	\$ 869.70	\$ 2.00	\$ 446.00
3.15	6" CLASS L3500 CONCRETE SIDEWALK	223	SF	\$ 5.00	\$ 1,115.00	\$ 10.70	\$ 2,386.10	\$ (1,271.10)	\$ 13.00	\$ 2,899.00	\$ 17.00	\$ 3,791.00	\$ 16.00	\$ 3,568.00	\$ 20.00	\$ 4,460.00
3.16	6" PCC AGGREGATE BASE	335	SF	\$ 3.00	\$ 1,005.00	\$ 7.60	\$ 2,546.00	\$ (1,541.00)	\$ 8.00	\$ 2,680.00	\$ 7.00	\$ 2,345.00	\$ 5.00	\$ 1,675.00	\$ 25.00	\$ 8,375.00
3.17	SEEDING AND MULCHING	0.5	AC	\$ 4,500.00	\$ 2,250.00	\$ 6,600.00	\$ 3,300.00	\$ (1,050.00)	\$ 8,000.00	\$ 4,000.00	\$ 13,800.00	\$ 6,900.00	\$ 3,148.00	\$ 1,574.00	\$ 5,000.00	\$ 2,500.00
3.18	EROSION CONTROL BLANKET	1522	SY	\$ 4.00	\$ 6,088.00	\$ 2.70	\$ 4,109.40	\$ 1,978.60	\$ 5.00	\$ 7,610.00	\$ 5.50	\$ 8,371.00	\$ 1.80	\$ 2,739.60	\$ 4.00	\$ 6,088.00
				SUBTOTAL	\$ 44,874.00	TOTAL	\$ 50,845.70		TOTAL	\$ 79,542.00	TOTAL	\$ 93,095.17	TOTAL	\$ 56,539.50	TOTAL	\$ 94,099.00
				5% CONTINGENCY	\$ 2,243.70	BID TAB	\$ 47,117.70		BID TAB	\$ 47,117.70	BID TAB	\$ 47,117.70	BID TAB	\$ 47,117.70	BID TAB	\$ 47,117.70
				TOTAL	\$ 47,117.70	DIFFERENCE	\$ 3,728.00	\$ (3,728.00)	DIFFERENCE	\$ 32,424.30	DIFFERENCE	\$ 45,977.47	DIFFERENCE	\$ 9,421.80	DIFFERENCE	\$ 46,981.30
				PROJECT TOTAL	\$ 416,005.80		\$ 414,436.43	\$ 1,569.37		\$ 469,972.00		\$ 497,165.68		\$ 518,743.10		\$ 736,714.00

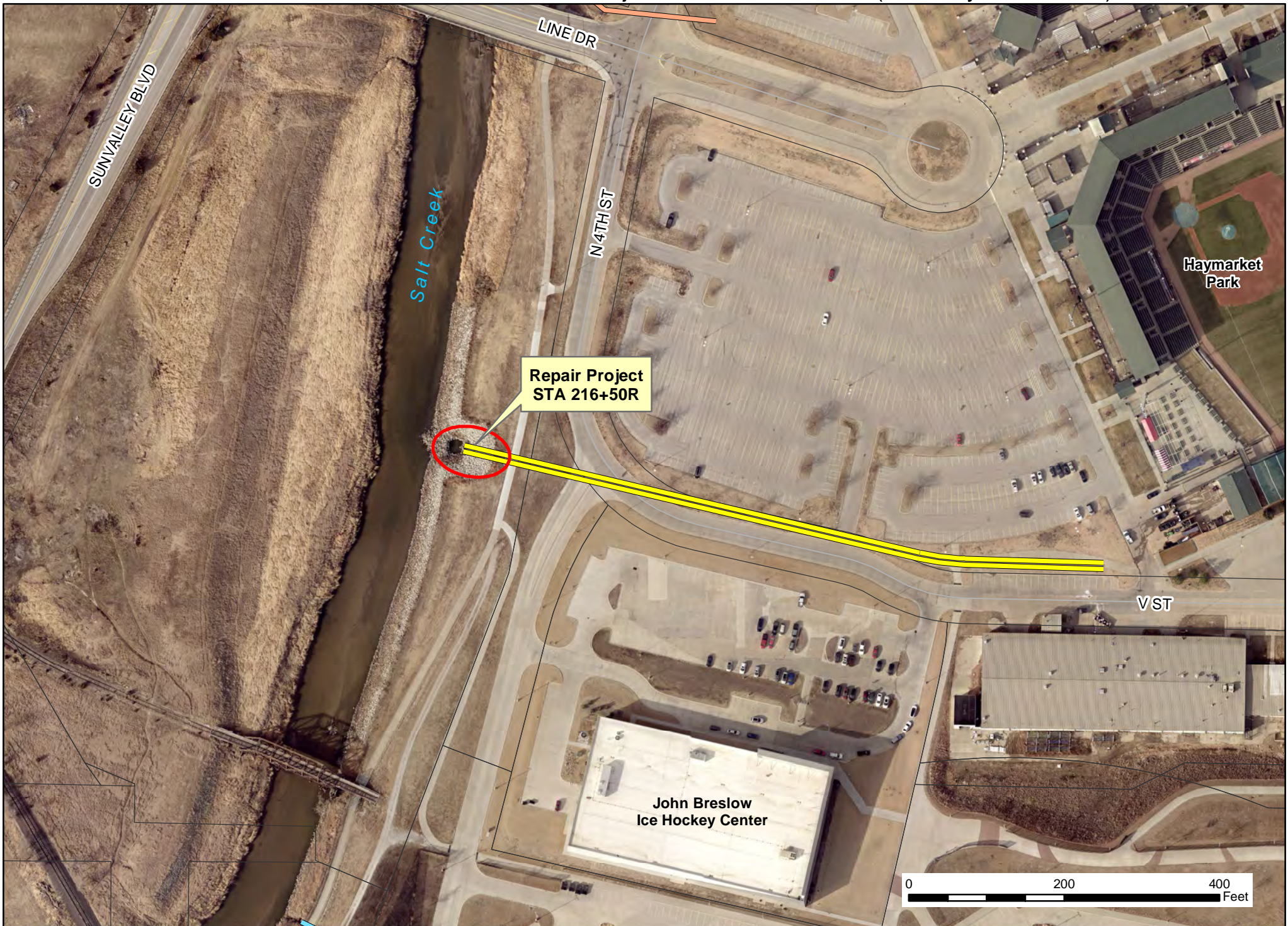




Salt Creek Levee Culvert Rehabilitation Project at Station 98+25L (near South St)

B.





Conservation Easement

THIS INDENTURE, is made this 21st day of August, 2024 by and between the Lower Platte South Natural Resource District ("Grantor"), of Lancaster County, Nebraska.

WHEREAS, Grantor is the owner in fee simple of certain real property located in Lancaster County, Nebraska, more particularly described on Exhibit "A" attached hereto and made a part hereof ("Protected Property"); and

WHEREAS, in consideration of the approval of the Protected Property for use as a wetland mitigation site, to be known as the Lower Platte South Natural Resource District Oak Creek Mitigation Site, by the U.S. Army Corps of Engineers, Omaha District ("USACE"), and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Grantor has agreed to place certain restrictions on the Protected Property exclusively for conservation purposes, in order that it shall remain substantially in its condition forever; and

WHEREAS, the purposes of this Conservation Easement also include, without limitation, one or more of the following: (a) retaining or protecting natural, scenic, or open-space aspects of real property; (b) ensuring the availability of real property for educational, or open-space use; (c) protecting natural resources; (d) maintaining or enhancing air or water quality; and

WHEREAS, Grantor represents that it is a government body empowered to hold an interest in real property under the laws of the State of Nebraska or the United States; and

WHEREAS, the residents and citizens within the jurisdiction boundaries will benefit from the scenic, environmental and preservation of wildlife habitat functions of the Protected Property; and

WHEREAS, the term 'condition' shall mean the condition of the Protected Property as defined by the U.S. Army Corps of Engineers in 33 CFR Part 332 Compensatory Mitigation for Losses of Aquatic Resources, and shall be evidenced in part by the surveyed plat of the Protected Property showing all relevant property lines, all existing man-made improvements and features. The condition of the Protected Property may also be evidence by: (a) a current aerial photograph of the Protected Property at an appropriate scale taken as close as possible to the date the donation is made; (b) on-site photographs taken at appropriate locations on the Protected Property, including major natural features; and

NOW THEREFORE, for the foregoing consideration, and in further consideration of the restrictions, rights, and agreements herein, Grantor hereby reserves a conservation easement over the Protected Property consisting of the following;

A. RESTRICTIONS

These restrictions shall run with the land and be binding on Grantor's heirs, successors, administrators, assigns, lessees, or other occupiers and users, and are subject to the Reserved Rights that follow

1. **General.** There shall be no filling, excavating, mining or drilling; no removal of natural materials; no dumping of materials; and, no alteration of the topography in any manner except as shall be necessary to maintain the wetlands and streams.

2. **Waters and Wetlands.** In addition to the General restrictions above, there shall be no draining, dredging, damming, or impounding; no changing the grade or elevation, impairing the flow or circulation of waters, reducing the reach of waters; and, no other discharge or activity requiring a permit under applicable clean water or water pollution control laws and regulations, as amended.
3. **Trees / Vegetation.** There shall be no clearing, burning, cutting or destroying of trees or vegetation, except as expressly authorized in the Reserved Rights; there shall be no planting or introduction of non-native or exotic species of trees or vegetation except as consistent with the terms of the 12-Point Compensatory Mitigation Plan and Stream Enhancement Oak Creek approved by the U.S. Army Corps of Engineers.
4. **Uses.** No agricultural, industrial, or commercial activity shall be undertaken or allowed which would interfere with or damage the Protected Property.
5. **Structures.** There shall be no construction, erection, or placement of buildings, billboards, or any other structures, nor any additions to existing structures.
6. **New Roads.** There shall be no construction of new roads, trails or walkways with the prior written approval of the USACE, including the manner in which they are constructed.
7. **Utilities.** There shall be no construction or placement of utilities or related facilities without the prior written approval of USACE.
8. **Pest Control.** There shall be no application of pesticides or biological controls, including for problem vegetation, without prior written approval from the USACE.
9. **Other Prohibitions.** Any other use of, or activity on, the Protected Property that is or may become inconsistent with the purposes of the grant, the preservation of the Protected Property substantially in its condition, or the protection of its environmental systems, is prohibited.

B. RESERVED RIGHTS

Notwithstanding the foregoing Restrictions, Grantor reserves for Grantor, its heirs, successor, administrators, and assigns the following Reserved Rights:

1. **Landscape Management.** Landscaping by the Grantor to prevent severe erosion or damage to the Protected Property or portions thereof, or significant detriment to existing or permitted uses, is allowed, provided that such landscaping is generally consistent with preserving the condition of the Protected Property. Grantor shall undertake all such actions, however categorized, as may be necessary or proper to construct or maintain the wetlands in accord with the approved 12-Point Compensatory Mitigation Plan and Stream Enhancement Oak Creek.
2. **Recreation.** Grantor reserves the right to permit any outdoor, non-commercial recreational activities, including hunting (excluding planting or burning) and fish, with cumulatively very small impacts, and which are consistent with the continuing condition of the Protected Property.
3. **Mineral Interests.** Grantor specifically reserves a qualified mineral interest (as defined in § 170(h)(6) of the Internal Revenue Code) in subsurface oil, gas or other minerals and the right to access such minerals. However, there shall be no extraction or removal of, or exploration for, minerals by any surface mining method, nor by any method which results in subsidence or which otherwise interferes with the continuing condition of the Protected Property.

4. **Road maintenance.** Grantor reserves the right to maintain canals and associated structures, roads, trails or walkways which exists as of the date of this Grant or which are constructed in accordance with this Conservation Easement. Maintenance shall be limited to: removal or pruning of dead or hazardous vegetation; application of permeable materials (e.g. sand, gravel, rushed) necessary to correct or impede erosion; grading; replacement of culverts, water control structures, or bridges; and maintenance of roadside ditches.
5. **Other Reserved Rights.** Grantor reserves the right to engage in all acts or uses not prohibited by the Restrictions, inclusive of maintaining the wetland mitigation site and associated irrigation structures, and which are not inconsistent with the conservation purposes of this grant and the preservation of the Protected Property substantially in its condition.
6. **Credits.** Grantor reserves the sole and unrestricted right to sell credits or other entitlements or interests in the Protected Property in order to perfect and carry out the purpose of a wetland mitigation site.

C. GENERAL PROVISIONS

The following General Provisions shall be binding upon, and inure to the benefit of the Grantor and USACE, and the heirs, successors, administrators, assigns, lessees, licensees, and agents of each:

1. **Rights of Access and Entry.** USACE shall have the right to enter and go upon the Protected Property for purposes of inspection, and to take actions necessary to verify compliance with the Restrictions. Grantee shall also have the rights of visual access and view, and to enter and go upon the Protected Property for purposes of making scientific or educational observations and studies, and taking samples, in such a manner as will not disturb the quiet enjoyment of the Protected Property by Grantor. No right of access or entry by the general public to any portion of the Protected Property is conveyed by this Conservation Easement. Grant shall limit public access, if any, to those areas approved by Grantor and the USACE.
2. **Enforcement.** In the event of a breach of the Restrictions by Grantor or another party, the USACE must notify the Grantor in writing of the breach. The Grantor shall have thirty (30) days after receipt of such notice to undertake actions, including complete restoration, that are reasonably calculated to swiftly correct the conditions constituting the breach. If the Grantor fails to take such corrective action within thirty (30) days, or fails to complete the necessary corrective action, the USACE may undertake such actions, including legal proceedings, as are necessary to affect such corrective action. The cost of corrections, including the USACE's expenses, court costs, and attorney's fees, shall be paid by Grantor, provided Grantor is determined to be the responsible for the breach. Enforcement shall be at the discretion of the USACE, and no omission or delay in acting shall constitute a waiver of any enforcement right. These enforcement rights are in addition to those available under other provisions of law or equity.
3. **Events Beyond Grantor's Control.** Nothing herein shall be construed to authorize the USACE to institute any proceedings against Grantor for any changes to the Protected Property caused by acts of God or circumstances beyond the Grantor's control such as earthquake, fire, flood, storm, war, civil disturbance, strike, the unauthorized acts of third persons, or similar causes.
4. **Obligations of Ownership.** Grantor is responsible for any real estate taxes, assessments, fees, or charges levied upon the Protected Property. Grantor shall keep the Protected Property free of any liens or other encumbrances for obligations incurred by Grantor. USACE shall not be

responsible for any costs or liability of any kind related to the ownership, operation, insurance, upkeep, or maintenance of the protected Property, except as expressly provided herein. Nothing herein shall relieve the Grantor of the obligation to comply with federal, state, or local laws, regulations and permits that may apply to the exercise of the Reserved Rights.

5. **Extinguishment.** In the event that changed conditions render impossible the continued use of the Protected Property for the conservation purposes and provided that an appropriate substitution mitigation site and conservation easement has been tendered by Grantor and approved by USACE this Conservation Easement may only be extinguished, in whole or in part, by judicial proceeding.
6. **Replacement Mitigation Site.** In the event that the conservation restrictions over all or a portion of this Protected Property are substantially abrogated following an extinguishment or the exercise of eminent domain, Grantor shall provide an appropriate replacement mitigation site and conservation easement approved by USACE.
7. **Indemnification.** Grantor agrees to indemnify and hold harmless USACE for all claims, causes of action, suits on, and damages, direct or consequential, which may arise from Grantor's ownership of the protected Property, or Grantor's property interest through this Conservation Easement. Grantor shall pay the costs and expenses of legal representation for any claims, causes of action, or suits on USACE arising from or related to this Conservation Easement, unless it is determined that USACE is liable for gross negligence in its obligations under this Conservation Easement. USACE agrees to reasonably cooperate in the defense of any action files against USACE, or against Grantor and Grantee.
8. **Notification.** Any notice, request of approval, or other communication required under this Conservation Easement shall be sent by registered or certified mail, postage repaid, to the following addresses (or such address as may be hereafter specified by notice pursuant to this paragraph):
 To Grantor: PO Box 83581, 3125 Portia Street, Lincoln, NE 68521
 To U.S. Army Corps of Engineers: 1616 Capitol Avenue, Suite 9000, Omaha, NE 68102
9. **Assignment.** This Conservation Easement is transferable, but only to a qualified grantee under law § 170(h) of the Internal Revenue code. As a condition of such transfer, the transferee shall agree to all of the restriction, rights, and agreements herein, and to continue to carry out the conservation purposes of this Conservation Easement.
10. **Subsequent Transfer.** Grantor agrees to incorporate the terms of this Conservation Easement in any deed or other legal instrument that transfers any interest in all or a portion of the Protected Property. Grantor agrees to provide written notice of such transfer at least thirty (30) days prior to the date of transfer. The failure of Grantor to comply with this paragraph shall not impair the validity or enforceability of this Conservation Easement.
11. **Amendment.** This Conservation Easement may be amended, but only in a writing signed by all parties hereto, and provided such amendment does not affect the qualification of this Conservation Easement or the status of USACE under any applicable laws or § 170(h) of the Internal Revenue Code, and is consistent with the conservation purposes of this grant.
12. **Severability.** Should any separable part of this Conservation Easement be found void or unenforceable by the court of competent jurisdiction, the remainder shall continue in full force and effect.

13. Warranty. Grantor warrants that it owns the Protected Property in fee simple, and that Grantor either owns all interests in the Protected Property which may be impaired by the graining of this Conservation Easement or that there are no outstanding mortgages, lax liens, encumbrances, or other interests in the Protected Property which have not been expressly subordinated to this Conservation Easement.

IN WITNESS WHEREOF, Grantor and USACE have executed this Conservation Easement.

Grantor
Lower Platte South Natural Resource District

BY: _____

Its:

STATE OF Nebraska

County of Lancaster

SWORN to and subscribed before me this ____ day of _____

NOTARY PUBLIC

My Commission expires: _____

U.S. Army Corps of Engineers

BY: _____

Its:

STATE OF Nebraska

COUNTY Douglas

SWORN to and subscribed before me this ____ day of _____

NOTARY PUBLIC

My Commission expires: _____



Oak Creek Mitigation Conservation Easement

C.



**AMENDMENT #3 TO
DEADMAN’S RUN FLOOD REDUCTION PROJECT**

This Amendment is entered into effective _____, 2024, by and between the Lower Platte South Natural Resources District, a political subdivision of the State of Nebraska, located at 3125 Portia St., Lincoln, NE 68501-3581 (the "NRD") and the Board of Regents of the University of Nebraska, a public body corporate and governing body of the University of Nebraska-Lincoln ("UNL"), collectively referred to as the "Parties."

WITNESSTH:

RECITALS:

- A. The Parties desire to further amend an Agreement entered into effective March 4, 2020, and amended on September 16, 2020, and December 31, 2022, (the "Agreement") to reduce the flood threat on Deadman's Run ("DMR") which runs through the East Campus of UNL.
- B. Escalating cost estimates rendered the Section 205 Corps Project infeasible, and the Parties desire to explore alternative solutions to reduce the flood threat on DMR.
- C. An engineering study completed by Houston Engineering has identified alternative design proposals ("Alternative Flood Reduction Project" and "Alternative Local Project") that would result in the same or improved flood reduction benefits of the original Section 205 Corps Project.
- D. The Alternative Flood Reduction Project would include a conveyance channel from 33rd St. to 48th St. and a detention cell near 48th St. and DMR. The channelization component will be reduced from the Section 205 Corps Project from ~ 6.5 acres to ~ 4.2 acres, reducing the footprint from a 60 ft. cross channel span down to a 30 ft. span. The reduction will allow the greenhouses and turf plots to remain intact and will not require the replacement of the bridge on 38th St.
- E. The Alternative Local Project would include a wetland development component near the detention cell, which would be created in consultation with UNL.
- F. The Alternative Flood Reduction Project and Alternative Local Project would avoid the need for certain elements under the Section 205 Corps Project and original Local Project, including a conveyance channel from 33rd St. to Cornhusker Hwy., a concrete flume at railroad bridges, ~~the Baldwin Street Termination at 33rd St.~~, an Access Road Relocation at State Fair Park Drive, ~~replacing/enlarging the 33rd Street Bridge (City bridge),~~

replacing/enlarging the 38th Street Bridge (UNL bridge), replacing/enlarging the 48th Street Bridge (City bridge), and constructing the Fleming Fields Detention Basin.

- G. Both the Alternative Flood Reduction Project and Alternative Local Project will include design, permitting, land acquisitions, construction observation, and construction. Operation and maintenance of flood control components will be the responsibility of NRD, and UNL will be responsible for the operation and maintenance of wetland components.
- H. NRD intends to terminate its Project Partnership Agreement with the Corps.

NOW, THEREFORE, In consideration of the above Recitals and the mutual promises and covenants contained herein, the Parties agree to Amend the Agreement by striking the original language in each numbered paragraph identified below, and replacing the language in each paragraph with the following:

1. **Purpose.** The purpose of this Agreement is to protect the public interest by reducing future flood damages within the UNL East Campus and surrounding neighborhoods, thereby saving lives and damages to public and private property and businesses located within the floodplain. No separate legal or administrative entity is created under this Agreement.

2. **Duration.** This Agreement shall expire on December 31, 2028, unless mutually extended by the Parties.

3. **Concrete Flume Model.** The parties shall cease work on and terminate the separate contract to develop a model of the concrete flume at the railroad bridges.

...

5. **Development of Wetlands Near Detention Basin.** The Parties shall coordinate design considerations on wetland developed near the detention basin. The NRD will be responsible for the initial design contract (which shall include grading, water conveyance considerations and potential interactions with detention basin) and construction (site grading plus water conveyance function). UNL will be responsible for a more detailed design which includes wetland biodiversity, incorporating flora and fauna components, any technology components and all operation and maintenance of wetlands.

6. **Conveyance Channel enlargement.** UNL will enter into a separate easement agreement with the NRD for the land necessary for the construction, operation and maintenance of the portions of the Channel on UNL property.

7. **Detention Basin Construction.** The Project requires the construction of a detention basin near 48th St. and DMR. The Parties will work with the City of Lincoln to enter into a mutually agreeable contract with respect to the design, maintenance and construction of the Detention Basin; provided, however, that UNL shall not be responsible for any costs associated with the design, construction or maintenance of the Detention Basin. The NRD will assume major maintenance of the flood control components of the Detention Basin.

8. **Utilization of soil excavated from the Channel and Detention Basin.** The construction of the Channel and Basin will require removal of soil. If UNL allows the temporary or permanent storage of all or a portion of this soil on UNL property (East Campus, Innovation Campus), the Parties will enter into a separate agreement setting forth the rights and responsibilities with respect to such soil storage. The decision whether to allow such soil storage shall be made in UNL’s sole discretion and UNL has no obligation to store any soil or other excess materials or debris unless specifically agreed to in a separate agreement.

In all other respects, the Agreement effective March 4, 2020, and amended on September 16, 2020, and December 31, 2022, is hereby reaffirmed.

IN WITNESSETH WHEREOF, the Parties hereto have executed this Amendment by their duly authorized representative as of the effective date provided above.

**LOWER PLATTE SOUTH NATURAL
RESOURCES DISTRICT,**

BY:

Mike Sousek, General Manager

**BOARD OF REGENTS OF THE UNIVERSITY
OF NEBRASKA,**

By and on behalf of the University of Nebraska-
Lincoln

BY: _____

April 2024 Alt G
Cost Estimate

Alternative G					
Component	Item	Unit	Unit Cost	Quantity	Cost
General	Mobilization	LS	8%	1	\$ 1,028,119.46
	Erosion Control Matting	SY	\$ 4.00	33,000	\$ 132,000.00
	Seeding and Site Restoration	AC	\$ 4,000.00	19.4	\$ 77,560.00
	Strip, Stockpile, and Replace/Waste Topsoil	SY	\$ 7.00	93,848	\$ 656,933.20
	33rd Utility Relocations	LS	\$1,190,000.00	1	\$ 1,190,000.00
	Huntington SS Manholes Relocation and Syphon Remove and Replace	LS	\$ -	0	\$ -
	Handling of Water	LS	\$ 200,000.00	1	\$ 200,000.00
	Clearing and Grubbing	LS	\$ 250,000.00	1	\$ 250,000.00
	SWPPP	LS	\$ 500,000.00	1	\$ 500,000.00
	Property Rights	AC	\$ 50,000.00	19.4	\$ 969,500.00
	WSP Box Culverts	RCBC 2 Cell 12'6"x16'6" 2 Cell 18'10"x16'6"- L = 50'	LS	\$1,380,000.00	0
Approach and Exit Aprons and Wingwalls and Grading		LS	\$ 550,000.00	0	\$ -
Remove Spur bridge		LS	\$ 250,000.00	0	\$ -
Spur track switching and retracking		LS	\$2,350,000.00	0	\$ -
Remove replace water main & Armoring		LS	\$3,000,000.00	0	\$ -
Excavation - Channel		CY	\$ 16.00	95,000	\$ 1,520,000.00
Channel	Riprap	TN	\$ 100.00	18,700	\$ 1,870,000.00
	Riprap Bedding	SY	\$ 115.00	19,400	\$ 2,231,000.00
Detention Basins	Detention Basin(s)	LS	\$3,254,500.00	1	\$ 3,254,500.00
Miscellaneous	Improve Capacity at Huntington Bridge	LS	\$1,000,000.00	0	\$ -
Totals	Subtotal				\$13,879,612.66
	Contingency @ 30%				\$ 4,163,883.80
	Construction Total				\$18,043,496.45
	Engineering, Permitting, and Construction Observation 15%				\$ 2,706,524.47
	Total				\$20,750,020.92

Notes: Year for cost basis is 2024 USD

August 2024 Alt G
Cost Estimate

Alternative G					
Component	Item	Unit	Unit Cost	Quantity	Cost
General	Mobilization	LS	8%	1	\$ 911,395.46
	Erosion Control Matting	SY	\$ 4.00	33,000	\$ 132,000.00
	Seeding and Site Restoration	AC	\$ 4,000.00	19.4	\$ 77,560.00
	Strip, Stockpile, and Replace/Waste Topsoil	SY	\$ 7.00	93,848	\$ 656,933.20
	33rd Utility Relocations	LS	\$1,190,000.00	1	\$ 1,190,000.00
	Huntington SS Manholes Relocation and Syphon Remove and Replace	LS	\$ -	0	\$ -
	Handling of Water	LS	\$ 200,000.00	1	\$ 200,000.00
	Clearing and Grubbing	LS	\$ 250,000.00	1	\$ 250,000.00
	SWPPP	LS	\$ 500,000.00	1	\$ 500,000.00
	Demolition of 33rd Culvert	LS	\$ 300,000.00	1	\$ 300,000.00
	Property Rights	AC	\$ 50,000.00	19.4	\$ 969,500.00
WSP Box Culverts	RCBC 2 Cell 12'6"x16'6" 2 Cell 18'10"x16'6"- L = 50'	LS	\$1,380,000.00	0	\$ -
	Approach and Exit Aprons and Wingwalls and Grading	LS	\$ 550,000.00	0	\$ -
	Remove Spur bridge	LS	\$ 250,000.00	0	\$ -
	Spur track switching and retracking	LS	\$2,350,000.00	0	\$ -
	Remove replace water main & Armoring	LS	\$3,000,000.00	0	\$ -
	Excavation - Channel	CY	\$ 16.00	95,000	\$ 1,520,000.00
Channel	Maintenance and Repair	LS	\$ 300,000.00	1	\$ 300,000.00
	Riprap	TN	\$ 100.00	8,656	\$ 865,600.00
	Riprap Bedding	SY	\$ 115.00	0	\$ -
Detention Basins	Detention Basin(s)	LS	\$4,230,850.00	1	\$ 4,230,850.00
Miscellaneous	UNL East Campus Wetland Rough Grading	LS	\$ 200,000.00	1	\$ 200,000.00
	Improve Capacity at Huntington Bridge	LS	\$1,000,000.00	0	\$ -
Totals	Subtotal				\$12,303,838.66
	Contingency @ 30%				\$ 3,691,151.60
	Construction Total				\$15,994,990.25
	Engineering, Permitting, and Construction Observation 16%				\$ 2,590,009.00
	Total				\$18,584,999.25

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the contemplated Project and the controlling Laws and Regulations.

AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

Original Version

Prepared by



Issued and Published Jointly by



MODIFIED VERSION

Lower Platte South Natural Resources District

A redline comparison copy of this document highlighting the changes made to the original version will be made available to you upon request.

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This Agreement has been prepared for use with **EJCDC® C-700, Standard General Conditions of the Construction Contract, 2013 Edition**. Their provisions are interrelated, and a change in one may necessitate a change in the other. For guidance on the completion and use of this Agreement, see EJCDC® E-001, Commentary on the EJCDC Engineering Services Agreements, 2013 Edition.

NOTE: EJCDC publications may be purchased at www.ejcdc.org, or from any of the sponsoring organizations above.

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**AGREEMENT
BETWEEN OWNER AND ENGINEER
FOR PROFESSIONAL SERVICES
(Lower Platte South NRD MODIFIED)**

THIS IS AN AGREEMENT effective as of 22 August 2024 (“Effective Date”) between
Lower Platte South Natural Resources District (“Owner”) and
Houston Engineering, Inc (HEI) (“Engineer”).

Owner's Project, of which Engineer's services under this Agreement are a part, is generally identified as follows:
Professional engineering services necessary to design, permit, bid and provide construction observation services for the Deadman's Run Flood Risk Reduction Project (“Project”).

Other terms used in this Agreement are defined in Article 7.

Engineer's services under this Agreement are generally identified as follows:
Project management, preliminary design, permitting, final design, bidding, and construction phase services for the Deadman's Run channel improvements and detention incorporated into the flood risk reduction project.

Owner and Engineer further agree as follows:

ARTICLE 1 – SERVICES OF ENGINEER

1.01 *Scope*

- A. Engineer shall provide, or cause to be provided, the services set forth herein and in Exhibit A.

ARTICLE 2 – OWNER'S RESPONSIBILITIES

2.01 *General*

- A. Owner shall have the responsibilities set forth herein and in Exhibit B.
- B. Owner shall pay Engineer as set forth in Article 4 and Exhibit C.
- C. Owner shall be responsible for all requirements and instructions that it furnishes to Engineer pursuant to this Agreement, and for the accuracy and completeness of all programs, reports, data, and other information furnished by Owner to Engineer pursuant to this Agreement. Engineer may use and rely upon such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement, subject to any express limitations or reservations applicable to the furnished items.

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- D. Owner shall give written notice to Engineer as soon as reasonably practicable whenever Owner observes or otherwise becomes aware of:
 - 1. any development that affects the scope or time of performance of Engineer's services;
 - 2. the presence at the Site of any Constituent of Concern; or
 - 3. any relevant, material defect or nonconformance in: (a) Engineer's services, (b) the Work, (c) the performance of any Constructor, or (d) Owner's performance of its responsibilities under this Agreement.

ARTICLE 3 – SCHEDULE FOR RENDERING SERVICES

3.01 Commencement

- A. Engineer is authorized to begin rendering services as of the Effective Date.

3.02 Time for Completion

- A. Engineer shall complete its obligations as expeditiously as is consistent with professional skill and care and the orderly progress of the Project, within a reasonable time. Specific periods of time for rendering services, or specific dates by which services are to be completed, are provided in Exhibit A, and are hereby agreed to be reasonable.
- B. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's services is impaired, or Engineer's services are delayed or suspended and such changes or delays increase the time of performance of Engineer's services, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.
- C. If Owner authorizes changes in the scope, extent, or character of the Project or Engineer's services in writing, then Owner shall pay Engineer compensation based on Engineer's normal hourly rates for time actually and necessarily devoted to services rendered in completing the additional services or shall negotiate an agreed upon fixed amount to perform such additional services, and the time for completion of Engineer's services shall be adjusted equitably, as agreed upon in writing by the parties.
- D. Owner shall make decisions and carry out its other responsibilities in a timely manner so as not to unreasonably delay the Engineer's performance of its services.
- E. If Engineer fails, through its own fault, to complete the performance required in this Agreement within the time set forth, as duly adjusted, then Owner shall be entitled, as its sole remedy, to the recovery of direct damages, if any, resulting from such failure in addition to any other remedies to which Owner may be entitled.

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ARTICLE 4 – INVOICES AND PAYMENTS

4.01 *Invoices*

- A. *Preparation and Submittal of Invoices:* Engineer shall prepare invoices in accordance with its standard invoicing practices and the terms of Exhibit C. Engineer shall submit its invoices to Owner on a monthly basis by the last business day of the month. Invoices are due and payable within 45 days of receipt. Notwithstanding anything to the contrary, in no event shall Owner be obligated to make any payment, whether as compensation for services or relating to charges by consultants, reimbursement and/or otherwise, that would result in exceeding the Maximum Amount unless Owner otherwise agrees in a signed written agreement entered into pursuant to this Agreement.

4.02 *Payments*

- A. *Application to Interest and Principal:* Payment will be credited first to any interest owed to Engineer and then to principal.
- B. *Failure to Pay:* Subject to Paragraph 4.02.C, if Owner fails to make any payment due Engineer for services and expenses within 45 days after receipt of Engineer's invoice, then:
 - 1. amounts due Engineer will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day; and
 - 2. Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement until Owner has paid in full all amounts due for services, expenses, and other related charges. Owner waives any and all claims against Engineer for any such suspension.
- C. *Disputed Invoices:* If Owner disputes an invoice, either as to amount or entitlement, then Owner shall as soon as reasonably practicable advise Engineer in writing of the specific basis for doing so, may withhold only that portion so disputed, and must pay the undisputed portion subject to the terms of Paragraph 4.01. Engineer shall continue performing services while any dispute is pending provided Owner has paid all undisputed amounts. Owner may withhold payment to the extent required to protect Owner from loss arising out of Engineer's performance or failure to perform any services.
- D. *Sales or Use Taxes:* If after the Effective Date of this Agreement any governmental entity takes a legislative action that imposes additional sales or use taxes on Engineer's services or compensation under this Agreement, then Engineer may invoice such additional sales or use taxes for reimbursement by Owner. Owner shall reimburse Engineer for the cost of such invoiced additional sales or use taxes; such reimbursement shall be in addition to the compensation to which Engineer is entitled under the terms of Exhibit C.

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ARTICLE 5 – OPINIONS OF COST

5.01 *Opinions of Probable Construction Cost*

- A. Engineer's opinions (if any) of probable Construction Cost are to be made on the basis of Engineer's experience, qualifications, and general familiarity with the construction industry. However, because Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by Engineer.

5.02 *Designing to Construction Cost Limit*

- A. If a Construction Cost limit is established between Owner and Engineer, such Construction Cost limit and a statement of Engineer's rights and responsibilities with respect thereto will be specifically set forth in Exhibit F to this Agreement.

5.03 *Opinions of Total Project Costs*

- A. The services, if any, of Engineer with respect to Total Project Costs shall be limited to assisting the Owner in tabulating the various categories that comprise Total Project Costs. Engineer assumes no responsibility for the accuracy of any opinions of Total Project Costs.

ARTICLE 6 – GENERAL CONSIDERATIONS

6.01 *Standards of Performance*

- A. *Standard of Care:* The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession currently practicing under similar circumstances at the same time and in Nebraska. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with any services performed or furnished by Engineer.
- B. *Technical Accuracy:* Owner shall not be responsible for discovering deficiencies in the technical accuracy of Engineer's services. Engineer shall correct deficiencies in technical accuracy without additional compensation, unless such corrective action is directly and solely attributable to deficiencies in Owner-furnished information.
- C. *Consultants:* Engineer may retain such Consultants as Engineer deems necessary to assist in the performance or furnishing of the services, subject to reasonable, timely, and substantive objections by Owner.
- D. *Reliance on Others:* Subject to the standard of care set forth in Paragraph 6.01.A, Engineer and its Consultants may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.

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E. *Compliance with Laws and Regulations, and Policies and Procedures:*

1. Engineer and Owner shall comply with applicable Laws and Regulations.
2. Owner's policies, procedures, performance standards and other information (collectively, the "Owner Policies") are accessible at <http://www.lpsnrd.org/about-nrd/policies-and-manuals/>. Engineer shall comply with any and all such Owner Policies and with any other instructions of Owner relating to Engineer's performance of services under this Agreement that Owner provides to Engineer in writing (collectively with Owner Policies, the "Owner Requirements"), subject to the standard of care set forth in Paragraph 6.01.A, and to the extent compliance is not inconsistent with professional practice requirements.
3. This Agreement is based on Laws and Regulations and Owner Requirements as of the Effective Date. The following may be the basis for modifications to Owner's responsibilities or to Engineer's scope of services, times of performance, or compensation, as applicable:
 - a. changes after the Effective Date to Laws and Regulations;
 - b. the receipt by Engineer after the Effective Date of new or different Owner Requirements.
4. Prior to the Effective Date, Engineer shall promptly notify Owner in writing of any objections to the Owner Requirements or conflicts between the Owner Requirements and Laws and Regulations and the parties shall use their best efforts to resolve such objections or conflicts.
- F. Engineer shall not be required to sign any document, no matter by whom requested, that would result in the Engineer having to certify, guarantee, or warrant the existence of conditions whose existence the Engineer cannot ascertain. Owner agrees not to make resolution of any dispute with the Engineer or payment of any amount due to the Engineer in any way contingent upon the Engineer signing any such document.
- G. The general conditions for any construction contract documents prepared hereunder are to be EJCDC® C-700 "Standard General Conditions of the Construction Contract" (2013 Edition), prepared by the Engineers Joint Contract Documents Committee and amended and/or supplemented by the parties (the "Standard General Conditions"), unless expressly indicated otherwise in Exhibit J or elsewhere in this Agreement.
- H. Engineer shall not at any time directly supervise, direct, control, or have authority over any Constructor's work, nor shall Engineer have direct authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a Constructor to comply with Laws and Regulations applicable to that Constructor's furnishing and performing of its work. Engineer shall not be responsible for the acts or omissions of any Constructor unless such action or omission is caused in whole or in part by Engineer.

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- I. *Intentionally deleted.*
- J. Engineer shall not be responsible for any decision made regarding the Construction Contract Documents, or any application, interpretation, clarification, or modification of the Construction Contract Documents, other than those made or caused to be made by Engineer or its Consultants or other agents or representatives.
- K. Engineer is not required to provide and does not have any responsibility for surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements except to the extent otherwise provided for in this Agreement, Addenda, the Contract Documents and/or any other agreement between Engineer and Owner.
- L. Engineer's services do not include providing legal advice or representation.
- M. Except to the extent otherwise agreed to by Owner and Engineer in writing, Engineer's services do not include (1) serving as a "municipal advisor" for purposes of the registration requirements of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) or the municipal advisor registration rules issued by the Securities and Exchange Commission, or (2) advising Owner, or any municipal entity or other person or entity, regarding municipal financial products or the issuance of municipal securities, including advice with respect to the structure, timing, terms, or other similar matters concerning such products or issuances.
- N. While at the Site, Engineer, its Consultants, and their employees and representatives shall comply with the applicable requirements of Contractor's and Owner's safety programs. Engineer understands, acknowledges and agrees that Engineer is responsible for ensuring that it, its Consultant, and their employees and representatives are aware and know of the applicable requirements of Contractor's and Owner's safety programs

6.02 *Design Without Construction Phase Services*

- A. Engineer shall be responsible only for those Construction Phase services expressly required of Engineer in Exhibit A, Paragraph A1.05. With the exception of such expressly required services, Engineer shall have no design, Shop Drawing review, or other obligations during construction, and Owner assumes all responsibility for the application and interpretation of the Construction Contract Documents, review and response to Contractor claims, Construction Contract administration, processing of Change Orders and submittals, revisions to the Construction Contract Documents during construction, construction observation and review, review of Contractor's payment applications, and all other necessary Construction Phase administrative, engineering, and professional services; and Owner waives only those claims against the Engineer directly connected thereto.

6.03 *Use of Documents*

- A. All Documents are instruments of service in respect to this Project, and shall become property of Owner without restriction or further limitation on their use, subject to receipt by Engineer of full payment for all services relating to preparation of the Documents and

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Page 6

subject to Owner acknowledging that such documents are not intended or represented to be suitable for use on the Project unless completed by Engineer, or for use or reuse by Owner or others on extensions of the Project, on any other project, or for any other purpose, without written verification or adaptation by Engineer or another engineer. Engineer acknowledges that the Project is a public project subject to the Nebraska public record statutes, Neb. Rev. Stat. § 87-712, *et seq.*

- B. If Engineer is required to prepare or furnish Drawings or Specifications under this Agreement, Engineer shall deliver to Owner at least one original printed record version of such Drawings and Specifications, signed and sealed according to applicable Laws and Regulations. If requested by Owner, at no additional expense, Engineer shall make Documents available in an electronic format to be agreed upon by the parties.
- C. *Intentionally deleted.*
- D. If Engineer at Owner's request verifies the suitability of the Documents, completes them, or adapts them for extensions of the Project or for any other purpose, then Owner shall compensate Engineer at rates or in an amount to be agreed upon by Owner and Engineer.

6.04 *Electronic Transmittals*

- A. Owner and Engineer may transmit Project-related correspondence, Documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, in accordance with a mutually agreeable protocol.
- B. If this Agreement does not establish protocols for electronic or digital transmittals, then Owner and Engineer shall jointly develop such protocols.
- C. When transmitting items in electronic media or digital format, the transmitting party makes no representations as to long term compatibility, usability, or readability of the items resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the items, or from those established in applicable transmittal protocols.

6.05 *Insurance*

- A. Engineer shall procure and maintain insurance as set forth in Exhibit G. Engineer shall cause Owner to be listed as an additional insured on any applicable general liability insurance policy carried by Engineer with a waiver of subrogation for such additional insureds.
- B. Owner shall procure and maintain insurance as set forth in Exhibit G. Owner shall cause Engineer and its Consultants to be listed as additional insureds on any general liability policies carried by Owner, which are applicable to the Project.
- C. Owner shall require Contractor to purchase and maintain general liability and other insurance in accordance with the requirements of Paragraph 6.03 of the "Standard General Conditions of the Construction Contract," No. C-700 (Rev. 1) as amended and/or

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Page 7

supplemented by the parties, and shall cause Engineer and its Consultants to be listed as additional insureds with respect to such liability insurance purchased and maintained by Contractor for the Project.

- D. Owner and Engineer shall each deliver to the other certificates of insurance evidencing the coverages indicated in Exhibit G. Such certificates shall be furnished prior to commencement of Engineer's services and at renewals thereafter during the life of the Agreement.
- E. All policies of property insurance relating to the Project shall allow for waiver of subrogation rights and contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any insured or additional insured thereunder or against Engineer or its Consultants.
- F. All policies of insurance shall contain a provision or endorsement that the coverage afforded will not be canceled or reduced in limits by endorsement, and that renewal will not be refused, until at least 10 days prior written notice has been given to the primary insured. Upon receipt of such notice, the receiving party shall promptly forward a copy of the notice to the other party to this Agreement.
- G. At any time, Owner may request that Engineer or its Consultants, at Owner's sole expense, provide additional insurance coverage, increased limits, or revised deductibles that are more protective than those specified in Exhibit G. If so requested by Owner, and if commercially available, Engineer shall obtain and shall require its Consultants to obtain such additional insurance coverage, different limits, or revised deductibles for such periods of time as requested by Owner, and Exhibit G will be supplemented to incorporate these requirements.

6.06 *Suspension and Termination*

A. *Suspension:*

- 1. *By Owner:* Owner may suspend the Project upon seven days written notice to Engineer.
- 2. *By Engineer:* Subject to Paragraph 4.02.C, Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement if Owner has failed to pay Engineer for undisputed invoiced services and expenses, as set forth in Paragraph 4.02.B, or in response to the presence of Constituents of Concern at the Site, as set forth in Paragraph 6.10.D.

B. *Termination:* The obligation to provide further services under this Agreement may be terminated:

- 1. For cause,
 - a. by Owner upon 7 days written notice if Engineer fails to fulfill in a timely and proper manner any of its obligations hereunder. Owner shall be entitled to withhold payment to Engineer until the Project is completed and the damages to Owner due to Engineer's default have been determined. Engineer shall be entitled to payment

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for the value of services performed less a deduction for the damages suffered by Owner as a result of the default.

b. by Engineer:

- 1) upon seven days written notice if Owner demands that Engineer furnish or perform services contrary to Engineer's responsibilities as a licensed professional;
- 2) upon seven days written notice if the Engineer's services for the Project are delayed or suspended for more than 120 days for reasons beyond Engineer's control; or
- 3) as set forth in Paragraph 6.10.D.
- 4) Engineer shall have no liability to Owner on account of such termination.

c. Notwithstanding the foregoing, this Agreement will not terminate under Paragraph 6.06.B.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 7 days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 7 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 30 days after the date of receipt of the notice.

2. For convenience, by Owner for any reason or no reason and with or without cause effective upon Engineer's receipt of notice from Owner.

C. *Effective Date of Termination:* The terminating party under Paragraph 6.06.B may set the effective date of termination at a time up to 30 days later than otherwise provided to allow Engineer to demobilize personnel and equipment from the Site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.

D. *Payments Upon Termination:*

1. In the event of any termination under Paragraph 6.06, Engineer will be entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all Reimbursable Expenses incurred through the effective date of termination. Upon making such payment, Owner shall have full ownership and rights to use of Documents, at Owner's sole risk, subject to the provisions of Paragraph 6.03.
2. In the event of termination by Owner for convenience or by Engineer for cause, Engineer shall be entitled, in addition to invoicing for those items identified in Paragraph 6.06.D.1, to invoice Owner and receive payment of a reasonable amount for services and expenses directly attributable to termination, both before and after the effective date of

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termination, such as reassignment of personnel, costs of terminating contracts with Engineer's Consultants, and other related close-out costs, using methods and rates for Additional Services as set forth in Exhibit C and incurred prior to the effective date of the termination. Under no circumstances shall Owner be responsible for Engineer's indirect or consequential damages, including, but not limited to, lost or anticipated profits.

6.07 *Controlling Law*

- A. This Agreement is to be governed by the Laws and Regulations of the state of Nebraska.

6.08 *Successors, Assigns, and Beneficiaries*

- A. Owner and Engineer and the successors, executors, administrators, and legal representatives of Owner and Engineer (and to the extent permitted by Paragraph 6.08.B the assigns of Owner and Engineer) are hereby bound to the other party to this Agreement and to the successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.
- B. Engineer may not assign, sublet, or transfer any rights under or interest (including, but without limitation, money that is due or may become due) in this Agreement without the written consent of Owner, except to the extent that any assignment, subletting, or transfer is mandated by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge Engineer from any duty or responsibility under this Agreement.
- C. Unless expressly provided otherwise in this Agreement:
 - 1. Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Owner or Engineer to any Constructor, other third-party individual or entity, or to any surety for or employee of any of them.
 - 2. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party.
 - 3. Owner agrees that the substance of the provisions of this Paragraph 6.08.C shall appear in the Construction Contract Documents.

6.09 *Dispute Resolution*

- A. Owner and Engineer agree to negotiate all disputes between them in good faith for a period of 30 days from the date of notice prior to invoking the procedures of Exhibit H or other provisions of this Agreement, or exercising their rights at law.
- B. If the parties fail to resolve a dispute through negotiation under Paragraph 6.09.A, then either or both may invoke the procedures of Exhibit H. If Exhibit H is not included, or if no dispute resolution method is specified in Exhibit H, then the parties may exercise their rights at law.

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6.10 *Environmental Condition of Site*

- A. Owner represents to Engineer that as of the Effective Date to the best of Owner's knowledge no Constituents of Concern, other than those disclosed in writing to Engineer, exist at the Site.
- B. If Engineer encounters or learns of an undisclosed Constituent of Concern at the Site, then Engineer shall notify (1) Owner and (2) appropriate governmental officials if Engineer reasonably concludes that doing so is required by applicable Laws or Regulations.
- C. It is acknowledged by both parties that Engineer's scope of services does not include any services related to unknown or undisclosed Constituents of Concern. If Engineer or any other party encounters, uncovers, or reveals an undisclosed Constituent of Concern, or if investigative or remedial action, or other professional services, are necessary with respect to undisclosed Constituents of Concern, then Engineer may, at its option and without liability, suspend performance of services on the portion of the Project affected thereby until Owner: (1) retains appropriate specialist consultant(s) or contractor(s) to identify and, as appropriate, abate, remediate, or remove the Constituents of Concern; and (2) warrants that the Site is in full compliance with applicable Laws and Regulations.
- D. If the presence at the Site of undisclosed Constituents of Concern adversely affects the performance of Engineer's services under this Agreement, then the Engineer shall have the option of (1) accepting an equitable adjustment in its compensation or in the time of completion, or both; or (2) terminating this Agreement for cause on 30 days notice.
- E. Owner acknowledges that Engineer is performing professional services for Owner and that Engineer is not and shall not be required to become an "owner," "arranger," "operator," "generator," or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, which are or may be encountered at or near the Site in connection with Engineer's activities under this Agreement.

6.11 *Indemnification and Mutual Waiver*

- A. *Indemnification by Engineer:* To the fullest extent permitted by Laws and Regulations, Engineer shall indemnify and hold harmless Owner, and Owner's officers, directors, members, managers, partners, agents, consultants, and employees, from and against any and all claims, costs, losses, damages, and judgments (including, but not limited to, all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to this Agreement and/or the Project, provided that any such claim, cost, loss, damages, or judgment is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission or intentional misconduct of Engineer or Engineer's principals, officers, directors, managers, members, partners, agents, employees, or Consultants or other representatives.

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- B. *Indemnification by Owner:* To the extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Consultants from and against any and all claims, costs, losses, damages, and judgments (including, but not limited to, all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to this Agreement and/or the Project, provided that any such claim, cost, loss, damages, or judgment is directly attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission or intentional misconduct of Owner or Owner's officers, directors or employees with respect to this Agreement or to the Project.
- C. *Environmental Indemnification:* To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Consultants from all claims, costs, losses, damages, actions, and judgments (including reasonable consultants' and attorney's fees and expenses) caused by, arising out of, relating to, or resulting from a Constituent of Concern at, on, or under the Site, provided that (1) any such claim, cost, loss, damages, action, or judgment is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, and (2) nothing in this paragraph shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence or willful misconduct.
- D. *No Defense Obligation:* The indemnification commitments in this Agreement do not include a defense obligation by the indemnitor unless such obligation is expressly stated.
- E. *Intentionally deleted.*
- F. *Mutual Waiver:* To the fullest extent permitted by Laws and Regulations, Owner and Engineer waive against each other, and the other's employees, officers, directors, members, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to this Agreement or the Project, from any cause or causes; provided, however, that this waiver does not apply to restrict or limit available insurance or indemnity claims arising from third-party claims.

6.12 *Records Retention*

- A. Engineer shall maintain on file in legible form, for a period of five years following completion or termination of its services, all Documents, records (including cost records), and design calculations related to Engineer's services or pertinent to Engineer's performance under this Agreement. Upon Owner's request, Engineer shall provide a copy of any such item to Owner at no cost to Owner.

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6.13 *Miscellaneous Provisions*

- A. *Notices:* Any notice required under this Agreement will be in writing, addressed to the appropriate party at its address on the signature page and given personally, by facsimile, by registered or certified mail postage prepaid, or by a commercial courier service. All notices shall be effective upon the date of receipt.
- B. *Survival:* All express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion or termination for any reason.
- C. *Severability:* Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Engineer, which agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.
- D. *Waiver:* A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.
- E. *Accrual of Claims:* To the fullest extent permitted by Laws and Regulations, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence, no later than the date of Substantial Completion.
- F. *Non-Discrimination.* Engineer shall not discriminate against any employee or applicant for employment, to be employed in the performance of the Project, with respect to his/her hire, tenure, terms, conditions, or privileges of employment, because of his or her race, color, religion, sex, disability, or national origin.
- G. *Ethics in Public Contracting.* Engineer represents and warrants that it has not and will not pay or offer to pay, either directly or indirectly, any fee, commission compensation, gift, gratuity, or anything of value to any Nebraska or other government officer, board member, employee or evaluator based on the understanding that the receiving person's vote, actions, or judgment will be influenced thereby. Engineer further represents and warrants that it is prohibited from utilizing the services of lobbyists, attorneys, political activists, or consultants to secure any contract in any way relating to the Project. It is the intent of this Paragraph 6.13.F to assure that the prohibition of government contact during the procurement process is not subverted through the use of lobbyists, attorneys, political activists, or consultants. It is the intent of the Owner that the process of evaluation of proposals and award of the Work and the Project be completed without external influence. It is not the intent of this Paragraph 6.13.F to prohibit any party from seeking professional advice, for example consulting legal counsel, regarding terms and conditions of this or any other contract or agreement or proposal. Engineer may not refer to receiving the award of this Agreement or the Project in advertising in such a manner as to state or imply that it or its services are endorsed or preferred by Owner. News releases pertaining to the Work shall not be issued without prior written approval from Owner. If Engineer is found to be in non-compliance with this Paragraph 6.13.F, Engineer may forfeit

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the Agreement and the Project and any contract or other agreement relating to the Project awarded to it.

- H. *Sovereign Immunity.* Nothing in this Agreement or in any other agreement between the parties shall be construed as a waiver of all or any part of, or as in any way limited, the sovereign immunity afforded to Owner pursuant to Laws and Regulations.

ARTICLE 7 – DEFINITIONS

7.01 *Defined Terms*

- A. Wherever used in this Agreement (including the Exhibits hereto) terms (including the singular and plural forms) printed with initial capital letters have the meanings indicated in the text above, in the exhibits, in the following provisions, in the Standard General Conditions, or in the following definitions:
1. *Addenda*—Written or graphic instruments issued prior to the opening of bids which clarify, correct, or change the bidding requirements or the proposed Construction Contract Documents.
 2. *Additional Services*—The services to be performed for or furnished to Owner by Engineer in accordance with Part 2 of Exhibit A of this Agreement.
 3. *Agreement*—This written contract for professional services between Owner and Engineer, including all exhibits identified in Paragraph 8.01 and any duly executed amendments.
 4. *Application for Payment*—The form acceptable to Owner and Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Construction Contract.
 5. *Basic Services*—The services to be performed for or furnished to Owner by Engineer in accordance with Part 1 of Exhibit A of this Agreement.
 6. *Change Order*—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Construction Contract Price or the Construction Contract Times, or other revision to the Construction Contract, issued on or after the effective date of the Construction Contract.
 7. *Change Proposal*—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth in the Construction Contract, seeking an adjustment in Construction Contract Price or Construction Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Construction Contract Documents or the acceptability of Work under the Construction Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Construction Contract.

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8. *Constituent of Concern*—Asbestos, petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. (“CERCLA”); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§5501 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. (“RCRA”); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; or (g) any other federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
9. *Construction Contract*—The entire and integrated written contract between the Owner and Contractor concerning the Work.
10. *Construction Contract Documents*—Those items designated as “Contract Documents” in the Construction Contract, and which together comprise the Construction Contract.
11. *Construction Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Construction Contract Documents.
12. *Construction Contract Times*—The number of days or the dates by which Contractor shall: (a) achieve milestones, if any, in the Construction Contract; (b) achieve Substantial Completion; and (c) complete the Work.
13. *Construction Cost*—The cost to Owner of the construction of those portions of the entire Project designed or specified by or for Engineer under this Agreement, including construction labor, services, materials, equipment, insurance, and bonding costs, and allowances for contingencies. Construction Cost does not include costs of services of Engineer or other design professionals and consultants; cost of land or rights-of-way, or compensation for damages to property; Owner’s costs for legal, accounting, insurance counseling, or auditing services; interest or financing charges incurred in connection with the Project; or the cost of other services to be provided by others to Owner. Construction Cost is one of the items comprising Total Project Costs.
14. *Constructor*—Any person or entity (not including the Engineer, its employees, agents, representatives, and Consultants), performing or supporting construction activities relating to the Project, including but not limited to Contractors, Subcontractors, Suppliers, Owner’s work forces, utility companies, other contractors, construction managers, testing firms, shippers, and truckers, and the employees, agents, and representatives of any or all of them.
15. *Consultants*—Individuals or entities having a contract or other arrangement with Engineer to furnish services with respect to this Project.
16. *Contractor*—The entity or individual with which Owner enters into a Construction Contract.

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17. *Day*—A calendar day of 24 hours measured from midnight to the next midnight.
18. *Documents*—Data, reports, Drawings, Specifications, Record Drawings, building information models, civil integrated management models, and other deliverables, whether in printed or electronic format, provided or furnished in appropriate phases by Engineer to Owner pursuant to this Agreement.
19. *Drawings*—That part of the Construction Contract Documents that graphically shows the scope, extent, and character of the proposed Work to be performed by Contractor in accordance with and for the benefit of the Project.
20. *Effective Date*—The date indicated in this Agreement on which it becomes effective, but if no such date is indicated, the date on which this Agreement is signed and delivered by the last of the parties to sign and deliver.
21. *Engineer*—The individual or entity named as such in this Agreement.
22. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but does not change the Construction Contract Price or the Construction Contract Times.
23. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
24. *Maximum Amount*—The aggregate amount of **two million, five hundred and ninety thousand, and nine dollars (\$ 2,590,009.00)**, which is the maximum to be paid by Owner with respect to and/or pursuant to this Agreement under any and all circumstances unless Owner agrees otherwise in a signed written agreement entered into pursuant to this Agreement.
25. *Owner*—The individual or entity named as such in this Agreement and for which Engineer's services are to be performed. Unless indicated otherwise, this is the same individual or entity that will enter into any Construction Contracts concerning the Project.
26. *Project*—As defined on the first page of this Agreement, and including the total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the services to be performed or furnished by Engineer under this Agreement are a part.
27. *Record Drawings*—Drawings depicting the completed Project, or a specific portion of the completed Project, prepared by Engineer as an Additional Service and based on Contractor's record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications, as delivered to Engineer and annotated by Contractor to show changes made during construction.

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28. *Reimbursable Expenses*—The expenses incurred reasonably and directly by Engineer in connection with the performing or furnishing of Basic Services and Additional Services for the Project, as detailed in Exhibit C.
29. *Resident Project Representative*—The authorized representative of Engineer, if any, assigned to assist Engineer at the Site during the Construction Phase. The Resident Project Representative will be Engineer's agent or employee and under Engineer's supervision. As used herein, the term Resident Project Representative or "RPR" includes any assistants or field staff of Resident Project Representative. The duties and responsibilities of the Resident Project Representative, if any, are as set forth in Exhibit D.
30. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.
31. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Construction Contract Documents.
32. *Site*—Lands or areas to be indicated in the Construction Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands furnished by Owner which are designated for the use of Contractor.
33. *Specifications*—The part of the Construction Contract Documents that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
34. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.
35. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Construction Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms "substantially complete" and "substantially completed" as applied to all or part of the Work refer to Substantial Completion thereof.
36. *Supplier*—A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or a Subcontractor.
37. *Total Project Costs*—The total cost of planning, studying, designing, constructing, testing, commissioning, and start-up of the Project, including Construction Cost and all other Project labor, services, materials, equipment, insurance, and bonding costs, allowances

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for contingencies, and the total costs of services of Engineer or other design professionals and consultants, together with such other Project-related costs that Owner furnishes for inclusion, including but not limited to cost of land, rights-of-way, compensation for damages to properties, Owner's costs for legal, accounting, insurance counseling, and auditing services, interest and financing charges incurred in connection with the Project, and the cost of other services to be provided by others to Owner.

38. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Construction Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Construction Contract Documents.
39. *Work Change Directive*—A written directive to Contractor issued on or after the effective date of the Construction Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

ARTICLE 8 – EXHIBITS AND SPECIAL PROVISIONS

8.01 Exhibits Included:

- A. Exhibit A, Engineer's Services.
- B. Exhibit B, Owner's Responsibilities.
- C. Exhibit C, Payments to Engineer for Services and Reimbursable Expenses.
- D. Exhibit D, Duties, Responsibilities and Limitations of Authority of Resident Project Representative.
- E. Exhibit E, Notice of Acceptability of Work.
- ~~F. Exhibit F, Construction Cost Limit. NOT USED.~~
- G. Exhibit G, Insurance.
- H. Exhibit H, Dispute Resolution.
- ~~I. Exhibit I, Limitations of Liability. NOT USED.~~
- J. Exhibit J, Special Provisions.
- K. Exhibit K, Amendment to Owner-Engineer Agreement.

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8.02 *Total Agreement*

- A. This Agreement, (together with the exhibits included above) constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a written instrument duly executed by both parties. Amendments should be based whenever possible on the format of Exhibit K to this Agreement.

8.03 *Designated Representatives*

- A. With the execution of this Agreement, Engineer and Owner shall designate specific individuals to act as Engineer's and Owner's representatives with respect to the services to be performed or furnished by Engineer and responsibilities of Owner under this Agreement. Such an individual shall have authority to transmit instructions, receive information, and render decisions relative to this Agreement on behalf of the respective party whom the individual represents.

8.04 *Engineer's Certifications*

- A. Engineer certifies that it has not engaged in corrupt, fraudulent, or coercive practices in competing for or in executing the Agreement. For the purposes of this Paragraph 8.04:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the selection process or in the Agreement execution;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the selection process or the execution of the Agreement to the detriment of Owner, or (b) to deprive Owner of the benefits of free and open competition;
 - 3. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the selection process or affect the execution of the Agreement.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

Owner:
Lower Platte South Natural Resources District

Engineer: Houston Engineering, Inc

By:

By:



Print name: Mike Sousek
Title: General Manager
Date Signed:

Print name: Michael K. Sotak, PE, BC.WRE
Title: Principal Engineer
Date Signed: 7 August 2024

Engineer License or Firm's Certificate No. (if required):
E-8759
State of: Nebraska

Address for Owner's receipt of notices:
Lower Platte South NRD
3125 Portia Street
Lincoln, NE 68521

Address for Engineer's receipt of notices:
12702 Westport Parkway, Suite 300
Omaha, NE 68138

Designated Representative (Paragraph 8.03.A):
Drew Ratkovec
Title: Project Coordinator
Phone Number: 402.476.2729
E-Mail Address: DRatkovec@lpsnrd.org

Designated Representative (Paragraph 8.03.A):
Michael K. Sotak, PE, BC.WRE
Title: Senior Consultant
Phone Number: 402.934.8328
E-Mail Address: MSotak@houstoneng.com

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This is **EXHIBIT A**, consisting of **24** pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

Engineer's Services

Article 1 of the Agreement is supplemented to include the following agreement of the parties.

Engineer shall provide the Basic Services identified in Attachment 1 to Exhibit A (Proposed Scope of Services), and Attachment 2 to Exhibit A (Project Schedule) pursuant to the terms set forth in Part 1 of Exhibit A below. Engineer shall provide Additional Services, if necessary, pursuant to the terms set forth in Part 2 of Exhibit A below. In the event that there is a conflict regarding the Scope of Services to be performed, Attachment 1 of Exhibit A shall prevail.

PART 1 – BASIC SERVICES

A1.01 Investigative Study, Alternatives Analysis, and Permitting

A. Engineer shall:

1. Consult with Owner to define and clarify Owner's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations, and identify available data, information, reports, facilities plans, and site evaluations.
 - a. ~~If Owner has already identified one or more potential solutions to meet its Project requirements, then proceed with the study and evaluation of such potential solutions:~~
 - b. ~~If Owner has not identified specific potential solutions for study and evaluation, then assist Owner in determining whether Owner's requirements, and available data, reports, plans, and evaluations, point to a single potential solution for Engineer's study and evaluation, or are such that it will be necessary for Engineer to identify, study, and evaluate multiple potential solutions:~~
 - c. ~~If it is necessary for Engineer to identify, study, and evaluate multiple potential solutions, then identify alternative solutions potentially available to Owner, unless Owner and Engineer mutually agree that some other specific number of alternatives should be identified, studied, and evaluated.~~
2. Identify potential solution(s) to meet Owner's Project requirements, as needed.
3. Study and evaluate the potential solution(s) to meet Owner's Project requirements.
4. Visit the Site, or potential Project sites, to review existing conditions and facilities, unless such visits are not necessary or applicable to meeting the objectives of the Study and Report Phase.

**MODIFIED VERSION of
Exhibit A – Engineer's Services**

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5. Advise Owner of any need for Owner to obtain, furnish, or otherwise make available to Engineer additional Project-related data and information, for Engineer's use in the study and evaluation of potential solution(s) to Owner's Project requirements, and preparation of a related report.
6. After consultation with Owner, recommend to Owner the solution(s) which in Engineer's judgment meet Owner's requirements for the Project.
7. Identify, consult with, and analyze requirements of governmental authorities having jurisdiction to approve the portions of the Project to be designed or specified by Engineer, including but not limited to mitigating measures identified in an environmental assessment for the Project.
8. Prepare a report (the "Report") which will, as appropriate, contain schematic layouts, sketches, and conceptual design criteria with appropriate exhibits to indicate the agreed-to requirements, considerations involved, and Engineer's recommended solution(s). For each recommended solution Engineer will provide the following, which will be separately itemized: opinion of probable Construction Cost; ~~proposed allowances for contingencies; the estimated total costs of design, professional, and related services to be provided by Engineer and its Consultants; and, on the basis of information furnished by Owner, a tabulation of other items and services included within the definition of Total Project Costs.~~
9. Advise Owner of any need for Owner to provide data or services of the types described in Exhibit B, for use in Project design, or in preparation for Contractor selection and construction.
10. If requested to do so by Owner, assist Owner in evaluating the possible use of building information modeling; civil integrated management; geotechnical baselining of subsurface site conditions; innovative design, contracting, or procurement strategies; or other strategies, technologies, or techniques for assisting in the design, construction, and operation of Owner's facilities. The subject matter of this paragraph shall be referred to in Exhibit A and B as "Project Strategies, Technologies, and Techniques."
11. If requested to do so by Owner, assist Owner in identifying opportunities for enhancing the sustainability of the Project, and pursuant to Owner's instructions plan for the inclusion of sustainable features in the design.
12. Use ASCE 38, "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data" as a means to advise the Owner on a recommended scope of work and procedure for the identification and mapping of existing utilities.
13. Develop a scope of work and survey limits for any topographic and other surveys necessary for design.
14. Perform or provide the following other Study and Report Phase tasks or deliverables: **Existing Channel Condition Assessment; Wetland Delineation Report; 404 Permit Applications.**

**MODIFIED VERSION of
Exhibit A – Engineer's Services**

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15. Furnish 2 review copies of the Investigative Phase, Alternative Analysis and Permitting deliverables within 14 calendar days of the Effective Date and review it with Owner. Within 14 calendar days of Engineer's review with Owner, Owner shall submit to Engineer any comments regarding the furnished items.
 16. Revise the Investigative Phase, Alternatives Analysis, and Permitting deliverables in response to Owner's comments, as appropriate, and furnish 2 copies of the revised Investigative Phase, Alternatives Analysis, and Permitting deliverables to the Owner within 14 calendar days of receipt of Owner's comments.
- B. Engineer's services under the Investigative Phase, Alternatives Analysis, and Permitting deliverables will be considered complete on the date when Engineer has delivered to Owner the revised Investigative Phase, Alternatives Analysis, and Permitting deliverables and Owner has confirmed that Owner has confirmed in writing that it has no additional comments to the deliverable.

A1.02 *Preliminary Design Phase*

- A. After acceptance by Owner of the Report and any other Study and Report Phase deliverables; selection by Owner of a recommended solution; issuance by Owner of any instructions of for use of Project Strategies, Technologies, and Techniques, or for inclusion of sustainable features in the design; and indication by Owner of any specific modifications or changes in the scope, extent, character, or design requirements of the Project desired by Owner, and upon written authorization from Owner, Engineer shall:
1. Prepare Preliminary Design Phase documents consisting of final design criteria, preliminary drawings, and written descriptions of the Project.
 2. In preparing the Preliminary Design Phase documents, use any specific applicable Project Strategies, Technologies, and Techniques authorized by Owner during or following the Study and Report Phase, and include sustainable features, as appropriate, pursuant to Owner's instructions.
 3. Provide necessary field surveys and topographic and utility mapping for Engineer's design purposes. Comply with the scope of work and procedure for the identification and mapping of existing utilities selected and authorized by Owner pursuant to advice from Engineer based on ASCE 38, "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data," as set forth in Paragraph A1.01.A.12 above. If no such scope of work and procedure for utility mapping has been selected and authorized, then at a minimum the utility mapping will include Engineer contacting utility owners and obtaining all available information.
 4. Visit the Site as needed to prepare the Preliminary Design Phase documents.
 5. Advise Owner if additional reports, data, information, or services of the types described in Exhibit B are necessary and assist Owner in obtaining such reports, data, information, or services.

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6. Continue to assist Owner with Project Strategies, Technologies, and Techniques that Owner has chosen to implement.
 7. Based on the information contained in the Preliminary Design Phase documents, prepare a revised opinion of probable Construction Cost, and assist Owner in tabulating the various cost categories which comprise Total Project Costs.
 8. Obtain and review the Owner Requirements and Owner's instructions regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable), Owner's construction contract practices and requirements, insurance and bonding requirements, electronic transmittals during construction, and other information necessary for the finalization of Owner's bidding-related documents (or requests for proposals or other construction procurement documents), and Construction Contract Documents. Also obtain and review copies of Owner's design and construction standards, Owner's standard forms, general conditions (if other than EJCDC® C-700, Standard General Conditions of the Construction Contract, 2013 Edition), supplementary conditions, text, and related documents or content for Engineer to include in the draft bidding-related documents (or requests for proposals or other construction procurement documents), and in the draft Construction Contract Documents, when applicable.
 9. Perform or provide the following other Preliminary Design Phase tasks or deliverables: **30%, 60%, and 90% plans, alternatives optimization design report, hydraulics and hydrology report, geotechnical report.**
 10. Furnish 2 review copies of the Preliminary Design Phase documents, opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables to Owner and review them with Owner. Owner shall submit to Engineer any comments regarding the furnished items.
 11. Revise the Preliminary Design Phase documents, opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables in response to Owner's comments, as appropriate, and furnish to Owner 2 copies of the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other deliverables within 14 calendar days after receipt of Owner's comments.
- B. Engineer's services under the Preliminary Design Phase will be considered complete on the date when Engineer has delivered to Owner the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables and Owner has confirmed in writing that Owner has no additional comments to such documents and/or deliverables.

A1.03 Final Design Phase

- A. After acceptance by Owner of the Preliminary Design Phase documents, revised opinion of probable Construction Cost as determined in the Preliminary Design Phase, and any other Preliminary Design Phase deliverables, subject to any Owner-directed modifications or

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changes in the scope, extent, character, or design requirements of or for the Project, and upon written authorization from Owner, Engineer shall:

1. Prepare final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by Contractor.
2. Visit the Site as needed to assist in preparing the final Drawings and Specifications.
3. Provide technical criteria, written descriptions, and design data for Owner's use in filing applications for permits from or approvals of governmental authorities having jurisdiction to review or approve the final design; assist Owner in consultations with such authorities; and revise the Drawings and Specifications in response to directives from such authorities, as appropriate.
4. Advise Owner of any recommended adjustments to the opinion of probable Construction Cost.
5. After consultation with Owner, include in the Construction Contract Documents any specific protocols for the transmittal of Project-related correspondence, documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website. Any such protocols shall be applicable to transmittals between and among Owner, Engineer, and Contractor during the Construction Phase and Post-Construction Phase, and unless agreed otherwise shall supersede any conflicting protocols previously established for transmittals between Owner and Engineer.
6. Assist Owner in assembling known reports and drawings of Site conditions, and in identifying the technical data contained in such reports and drawings upon which bidders or other prospective contractors may rely.
7. In addition to preparing the final Drawings and Specifications, assemble drafts of other Construction Contract Documents based on specific instructions and contract forms, text, or content received from Owner.
8. If requested by Owner, prepare or assemble draft bidding-related documents (or requests for proposals or other construction procurement documents), based on the specific bidding or procurement-related instructions and forms, text, or content received from Owner.
- ~~9. Perform or provide the following other Final Design Phase tasks or deliverables: Licenses for temporary construction easements; documents required for USACE 408 permissions.~~
10. Furnish for review by Owner, its legal counsel, and other advisors, 2 copies of the final Drawings and Specifications, assembled drafts of other Construction Contract Documents, the draft bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables, within 7 calendar days of authorization to proceed with the Final Design Phase, and

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review them with Owner. Owner shall submit to Engineer any comments regarding the furnished items, and any instructions for revisions.

11. Revise the final Drawings and Specifications, assembled drafts of other Construction Contract Documents, the draft bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables in accordance with comments and instructions from the Owner, as appropriate, and submit 2 final copies of such documents to Owner within 7 calendar days after receipt of Owner's comments and instructions.
- B. Engineer's services under the Final Design Phase will be considered complete on the date when Engineer has delivered to Owner the final Drawings and Specifications, other assembled Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables, and Owner has provided Engineer with written confirmation that Owner has no additional comments to any of the foregoing items.
 - C. In the event that the Work designed or specified by Engineer is to be performed or furnished under more than one prime contract, or if Engineer's services are to be separately sequenced with the work of one or more prime Contractors (such as in the case of fast-tracking), Owner and Engineer shall, prior to commencement of the Final Design Phase, develop a schedule for performance of Engineer's services during the Final Design, Bidding or Negotiating, Construction, and Post-Construction Phases in order to sequence and coordinate properly such services as are applicable to the work under such separate prime contracts. This schedule is to be prepared and included in or become an amendment to Exhibit A whether or not the work under such contracts is to proceed concurrently.
 - D. The number of prime contracts for Work designed or specified by Engineer upon which the Engineer's compensation has been established under this Agreement is 1. If more prime contracts are awarded, Engineer shall be entitled to an equitable increase in its compensation under this Agreement.

A1.04 Bidding or Negotiating Phase

- A. After acceptance by Owner of the final Drawings and Specifications, other Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and the most recent opinion of probable Construction Cost as determined in the Final Design Phase, and upon written authorization by Owner to proceed, Engineer shall:
 1. Assist Owner in advertising for and obtaining bids or proposals for the Work, assist Owner in issuing assembled design, contract, and bidding-related documents (or requests for proposals or other construction procurement documents) to prospective contractors, and, where applicable, maintain a record of prospective contractors to which documents have been issued, attend pre-bid conferences, if any, and receive and process contractor deposits or charges for the issued documents.

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2. Prepare and issue Addenda as appropriate to clarify, correct, or change the issued documents.
 3. Provide information or assistance needed by Owner in the course of any review of proposals or negotiations with prospective contractors.
 4. Consult with Owner as to the qualifications of prospective contractors.
 5. Consult with Owner as to the qualifications of subcontractors, suppliers, and other individuals and entities proposed by prospective contractors, for those portions of the Work as to which review of qualifications is required by the issued documents.
 6. If the issued documents require, the Engineer shall evaluate and determine the acceptability of "or equals" and substitute materials and equipment proposed by prospective contractors, provided that such proposals are allowed by the bidding-related documents (or requests for proposals or other construction procurement documents) prior to award of contracts for the Work. Services under this paragraph are subject to the provisions of Paragraph A2.02.A.2 of this Exhibit A.
 7. Attend the bid opening, prepare bid tabulation sheets to meet Owner's schedule, and assist Owner in evaluating bids or proposals, assembling final contracts for the Work for execution by Owner and Contractor, and in issuing notices of award of such contracts.
 8. If Owner engages in negotiations with bidders or proposers, assist Owner with respect to technical and engineering issues that arise during the negotiations.
 9. Perform or provide the following other Bidding or Negotiating Phase tasks or deliverables: Engineer's recommendation letter; Notice of Award.
- B. The Bidding or Negotiating Phase will be considered complete upon commencement of the Construction Phase or upon cessation of negotiations with prospective contractors (except as may be required if Exhibit F is a part of this Agreement).

A1.05 Construction Phase

- A. Upon successful completion of the Bidding and Negotiating Phase, and upon written authorization from Owner, Engineer shall:
1. *General Administration of Construction Contract:* Consult with Owner and act as Owner's representative as provided in the Construction Contract. The extent and limitations of the duties, responsibilities, and authority of Engineer shall be as assigned in the Standard General Conditions or other construction general conditions specified in this Agreement. The duties, responsibilities, and authority of Engineer in the Construction Contract may be modified only with the Engineer's consent. Engineer shall not be required to furnish or perform services contrary to Engineer's responsibilities as a licensed professional. All of Owner's instructions to Contractor will be issued through Engineer, which shall have authority to act on behalf of Owner in dealings with Contractor to the extent provided in this Agreement and the Construction Contract except as otherwise provided in writing.

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2. *Resident Project Representative (RPR):* Provide the services of an RPR at the Site to assist the Engineer and to provide more extensive observation of Contractor's work. Duties, responsibilities, and authority of the RPR are as set forth in Exhibit D. The furnishing of such RPR's services will not limit, extend, or modify Engineer's responsibilities or authority except as expressly set forth in Exhibit D.
3. *Selection of Independent Testing Laboratory:* Assist Owner in the selection of an independent testing laboratory to perform the services identified in Exhibit B, Paragraph B2.01.
4. *Pre-Construction Conference:* Participate in a pre-construction conference prior to commencement of Work at the Site.
5. *Electronic Transmittal Protocols:* If the Construction Contract Documents do not specify protocols for the transmittal of Project-related correspondence, documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, then together with Owner and Contractor jointly develop such protocols for transmittals between and among Owner, Contractor, and Engineer during the Construction Phase and Post-Construction Phase.
6. *Original Documents:* If requested by Owner to do so, maintain and safeguard during the Construction Phase at least one original printed record version of the Construction Contract Documents, including Drawings and Specifications signed and sealed by Engineer and other design professionals in accordance with applicable Laws and Regulations. Throughout the Construction Phase, upon request, make such original printed record version of the Construction Contract Documents available to Contractor and Owner for review.
7. *Schedules:* Receive, review, and determine the acceptability of any and all schedules that Contractor is required to submit to Engineer, including the Progress Schedule, Schedule of Submittals, and Schedule of Values.
8. *Baselines and Benchmarks:* As appropriate, establish baselines and benchmarks for locating the Work which in Engineer's judgment are necessary to enable Contractor to proceed.
9. *Visits to Site and Observation of Construction:* In connection with observations of Contractor's Work while it is in progress:
 - a. Make visits to the Site at intervals appropriate to the various stages of construction, as Engineer deems necessary and/or as reasonably requested by Owner, to observe as an experienced and qualified design professional the progress of Contractor's executed Work. Such visits and observations by Engineer, and the Resident Project Representative, if any, are not intended to be exhaustive or to extend to every aspect of the Work or to involve detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in this Agreement and the Construction Contract Documents, but rather are to be limited to spot checking, selective sampling, and similar methods of general observation of the Work based

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on Engineer's exercise of professional judgment, as assisted by the Resident Project Representative, if any. Based on information obtained during such visits and observations, Engineer will determine in general if the Work is proceeding in accordance with the Construction Contract Documents, and Engineer shall keep Owner informed of the progress of the Work.

- b. The purpose of Engineer's visits to the Site, and representation by the Resident Project Representative, if any, at the Site, will be to enable Engineer to better carry out the duties and responsibilities assigned to and undertaken by Engineer during the Construction Phase, and, in addition, by the exercise of Engineer's efforts as an experienced and qualified design professional, to provide for Owner confidence that the completed Work will conform in general to the Construction Contract Documents and that Contractor has implemented and maintained the integrity of the design concept of the completed Project as a functioning whole as indicated in the Construction Contract Documents. Engineer shall not on its own behalf with respect to third parties, during such visits or as a result of such observations of the Work, be deemed to supervise, direct, or have control over the Work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to any Constructor's work in progress, for the coordination of the Constructors' work or schedules, nor for any failure of any Constructor to comply with Laws and Regulations applicable to furnishing and performing of its work. Accordingly, Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish or perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents unless such failure is caused in whole or in part by Engineer, its Consultants, agents or other representatives.
10. *Defective Work:* Reject Work if Engineer believes that such Work is defective under the terms and standards set forth in the Construction Contract Documents, that such Work will not produce a completed Project that conforms generally to the Construction Contract Documents and/or that it will threaten the integrity of the design concept of the completed Project as a functioning whole as indicated in the Construction Contract Documents. Provide recommendations to Owner regarding whether Contractor should correct such Work or remove and replace such Work, or whether Owner should consider accepting such Work as provided in the Construction Contract Documents.
 11. *Compatibility with Design Concept:* If Engineer believes that a specific part of the Work that is not defective under the terms and standards set forth in the Construction Contract Documents is nonetheless not compatible with the design concept of the completed Project as a functioning whole, then inform Owner of such incompatibility, and provide recommendations for addressing such Work.
 12. *Clarifications and Interpretations:* Accept from Contractor and Owner submittal of all matters in question concerning the requirements of the Construction Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Construction Contract Documents.

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Promptly to ensure the orderly completion of Contractor's work, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Construction Contract Documents. Such clarifications, interpretations and/or decisions must be consistent with the intent and reasonably inferable from the Construction Contract Documents.

13. *Intentionally Deleted.*
14. *Field Orders:* Subject to any limitations in the Construction Contract Documents, Engineer may prepare and issue Field Orders requiring minor changes in the Work. Engineer shall promptly notify Owner of any issued Field Order
15. *Change Orders and Work Change Directives:* Recommend Change Orders and Work Change Directives to Owner, as appropriate, and prepare Change Orders and Work Change Directives as required.
16. *Differing Site Conditions:* Respond to any notice from Contractor of differing site conditions, including conditions relating to underground facilities such as utilities, and hazardous environmental conditions. Promptly conduct reviews and prepare findings, conclusions, and recommendations for Owner's use.
17. *Shop Drawings, Samples, and Other Submittals:* Review and approve or take other appropriate action with respect to Shop Drawings, Samples, and other required Contractor submittals, but only for conformance with the information given in the Construction Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated by the Construction Contract Documents. Such reviews and approvals or other action will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. Engineer shall meet any Contractor's submittal schedule that Engineer has accepted.
18. *Substitutes and "Or-equal":* Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by Contractor, but subject to the provisions of Paragraph A2.02.A.2 of this Exhibit A.
19. *Inspections and Tests:*
 - a. Require such special inspections and/or tests of Contractor's work as deemed reasonably necessary, and receive and review all certificates of inspections, tests, and approvals required by Laws and Regulations or the Construction Contract Documents. Engineer's review of such certificates will be for the purpose of determining that the results certified indicate compliance with the Construction Contract Documents and will not constitute an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the requirements of the Construction Contract Documents. Engineer shall be entitled to rely on the results of such inspections and tests.
 - b. As deemed reasonably necessary, request that Contractor uncover Work that is to be inspected, tested, or approved.

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- c. Pursuant to the terms of the Construction Contract, require special inspections or testing of the Work, whether or not the Work is fabricated, installed, or completed.
20. *Change Proposals and Claims:* (a) Review and respond to Change Proposals. Review each duly submitted Change Proposal from Contractor and, within 30 calendar days after receipt of the Contractor's supporting data, either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part. Such actions shall be in writing, with a copy provided promptly to Owner and Contractor. (b) Provide information or data to Owner regarding engineering or technical matters pertaining to Claims.
21. *Applications for Payment:* Based on Engineer's observations as an experienced and qualified design professional and on review of Applications for Payment and accompanying supporting documentation:
- a. Determine the amounts that Engineer recommends Contractor be paid. Recommend reductions in payment (set-offs) based on the provisions for set-offs stated in the Construction Contract. Such recommendations of payment and reductions in payment will be in writing and will constitute Engineer's representation to Owner, that, to the best of Engineer's knowledge, information and belief, taking into account its observations and review and such other information available to Engineer, Contractor's Work has progressed to the point indicated, the Work is generally in accordance with the Construction Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Construction Contract Documents, and to any other qualifications stated in the recommendation), and the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work. In the case of unit price Work, Engineer's recommendations of payment will include final determinations of quantities and classifications of the Work (subject to any subsequent adjustments allowed by the Construction Contract Documents).
 - b. By recommending payment, Engineer shall not thereby be deemed to have represented that observations made by Engineer to check the quality or quantity of Contractor's Work as it is performed and furnished have been exhaustive, extended to every aspect of Contractor's Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in this Agreement. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment including final payment will impose on Engineer responsibility to supervise, direct, or control the Work, or for the means, methods, techniques, sequences, or procedures of construction or safety precautions or programs incident thereto, or Contractor's compliance with Laws and Regulations applicable to Contractor's furnishing and performing the Work. It will also not impose responsibility on Engineer to make any examination to ascertain how or for what purposes Contractor has used the money paid to Contractor by Owner; to determine that title to any portion of the Work, including materials or equipment, has passed to

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Owner free and clear of any liens, claims, security interests, or encumbrances; or that there may not be other matters at issue between Owner and Contractor that might affect the amount that should be paid.

22. *Contractor's Completion Documents:* Receive from Contractor, review, and transmit to Owner maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by the Construction Contract Documents, certificates of inspection, tests and approvals, and Shop Drawings, Samples, and other data approved as provided under Paragraph A1.05.A.17. Receive from Contractor, review, and transmit to Owner the annotated record documents which are to be assembled by Contractor in accordance with the Construction Contract Documents to obtain final payment. The extent of Engineer's review of record documents shall be as provided in Paragraph A1.05.A.17 and to check that Contractor has submitted all pages.
 23. *Substantial Completion:* Promptly after notice from Contractor that Contractor considers the entire Work ready for its intended use, in company with Owner and Contractor, visit the Site to conduct review and conduct an inspection of the Work to determine the status of completion. Follow the procedures in the Construction Contract regarding the preliminary certificate of Substantial Completion, punch list of items to be completed, Owner's objections, notice to Contractor, and issuance of a final certificate of Substantial Completion. Assist Owner regarding any remaining engineering or technical matters affecting Owner's use or occupancy of the Work following Substantial Completion.
 24. *Other Tasks:* Perform or provide the following other Construction Phase tasks or deliverables: N/A
 25. *Final Notice of Acceptability of the Work:* Conduct a final inspection to determine if the Work is complete and acceptable so that Engineer may recommend, in writing, final payment to Contractor. Accompanying the recommendation for final payment, Engineer shall also provide a notice to Owner and Contractor in the form attached hereto as Exhibit E ("Notice of Acceptability of Work") that the Work is acceptable (subject to the provisions of the Notice and Paragraph A1.05.A.21.b) to the best of Engineer's knowledge, information, and belief, and based on the extent of the services provided by Engineer under this Agreement.
 26. *Standards for Certain Construction-Phase Decisions:* Engineer will render decisions regarding the requirements of the Construction Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth in the Construction Contract for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments to the extent conducted or rendered in good faith.
- B. *Duration of Construction Phase:* The Construction Phase will commence with the execution of the first Construction Contract for the Project or any part thereof and will terminate

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upon written recommendation by Engineer for final payment to Contractors. If the Project involves more than one prime contract as indicated in Paragraph A1.03.D, then Construction Phase services may be rendered at different times in respect to the separate contracts. Subject to the provisions of Article 3, Engineer shall be entitled to an equitable increase in compensation if Construction Phase services (including Resident Project Representative services, if any) are required after the original date for completion and readiness for final payment of Contractor as set forth in the Construction Contract.

A1.06 Post-Construction Phase

- A. Upon written authorization from Owner during the Post-Construction Phase, Engineer shall:
 - 1. Together with Owner, visit the Project to observe any apparent defects in the Work, make recommendations as to replacement or correction of defective Work, if any, or the need to repair of any damage to the Site or adjacent areas, and assist Owner in consultations and discussions with Contractor concerning correction of any such defective Work and any needed repairs.
 - 2. Together with Owner, visit the Project within one month before the end of the Construction Contract's correction period to ascertain whether any portion of the Work or the repair of any damage to the Site or adjacent areas is defective and therefore subject to correction by Contractor.
 - ~~3. Provide assistance in connection with the adjusting of Project equipment and systems.~~
 - ~~4. Assist Owner in training Owner's staff to operate and maintain Project equipment and systems.~~
 - 5. Assist Owner in developing procedures for control of the operation and maintenance of, and record keeping for Project equipment and systems.
 - ~~6. Perform or provide the following other Post-Construction Phase tasks or deliverables: Prepare Operation and Maintenance Manual Addendums for the Owner to provide to the USACE.~~
- B. The Post-Construction Phase services may commence during the Construction Phase and, if not otherwise modified in this Exhibit A, will terminate twelve months after the commencement of the Construction Contract's correction period.

PART 2 – ADDITIONAL SERVICES

A2.01 Additional Services Requiring Owner's Written Authorization

- A. If authorized in writing by Owner, Engineer shall provide Additional Services of the types listed below. These services are not included as part of Basic Services and will be paid for by Owner as indicated in Exhibit C.

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1. Preparation of applications and supporting documents (in addition to those furnished under Basic Services) for private or governmental grants, loans, or advances in connection with the Project; preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Project.
2. Services to make measured drawings of existing conditions or facilities, to conduct tests or investigations of existing conditions or facilities, or to verify the accuracy of drawings or other information furnished by Owner or others.
3. Services resulting from significant changes in the scope, extent, or character of the portions of the Project designed or specified by Engineer, or the Project's design requirements, including, but not limited to, changes in size, complexity, Owner's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Construction Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date or are due to any other causes beyond Engineer's control.
4. Services resulting from Owner's request to evaluate additional Study and Report Phase alternative solutions beyond those agreed to in Paragraph A1.01.A.1 and 2.
5. Services required as a result of Owner's providing incomplete or incorrect Project information to Engineer.
6. Providing renderings or models for Owner's use, including services in support of building information modeling or civil integrated management.
7. Undertaking investigations and studies including, but not limited to:
 - a. detailed consideration of operations, maintenance, and overhead expenses;
 - b. the preparation of feasibility studies (such as those that include projections of output capacity, utility project rates, project market demand, or project revenues) and cash flow analyses, provided that such services are based on the engineering and technical aspects of the Project, and do not include rendering advice regarding municipal financial products or the issuance of municipal securities;
 - c. preparation of appraisals;
 - d. evaluating processes available for licensing, and assisting Owner in obtaining process licensing;
 - e. detailed quantity surveys of materials, equipment, and labor; and
 - f. audits or inventories required in connection with construction performed or furnished by Owner.

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8. Furnishing services of Consultants for other than Basic Services.
9. Providing data or services of the types described in Exhibit B, when Owner retains Engineer to provide such data or services instead of Owner furnishing the same.
10. Providing the following services:
 - a. Services attributable to more prime construction contracts than specified in Paragraph A1.03.D.
 - b. Services to arrange for performance of construction services for Owner by contractors other than the principal prime Contractor, and administering Owner's contract for such services.
11. Services during out-of-town travel required of Engineer, other than for visits to the Site or Owner's office as required in Basic Services (Part 1 of Exhibit A).
12. Preparing for, coordinating with, participating in and responding to structured independent review processes, including, but not limited to, construction management, cost estimating, project peer review, value engineering, and constructability review requested by Owner in writing; and performing or furnishing services required to revise studies, reports, Drawings, Specifications, or other documents as a result of such review processes.
13. Preparing additional bidding-related documents (or requests for proposals or other construction procurement documents) or Construction Contract Documents for alternate bids or cost estimates requested by Owner for the Work or a portion thereof.
14. Assistance in connection with bid protests, rebidding, or renegotiating contracts for construction, materials, equipment, or services, except when such assistance is required to complete services required by Paragraph 5.02.A and Exhibit F.
15. *Intentionally deleted.*
16. Providing Construction Phase services beyond the original date for completion and readiness for final payment of Contractor, but only if and to the extent such services increase the total quantity of services to be performed in the Construction Phase, rather than merely shifting performance of such services to a later date.
17. Preparing Record Drawings, and furnishing such Record Drawings to Owner.
18. Supplementing Record Drawings with information regarding the completed Project, Site, and immediately adjacent areas obtained from field observations, Owner, utility companies, and other reliable sources.
19. Conducting surveys, investigations, and field measurements to verify the accuracy of Record Drawing content obtained from Contractor, Owner, utility companies, and other sources; revise and supplement Record Drawings as needed.

**MODIFIED VERSION of
Exhibit A – Engineer's Services**

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20. Preparation of operation, maintenance, and staffing manuals.
21. *Intentionally Deleted.*
22. *Intentionally Deleted.*
23. *Intentionally Deleted.*
24. Preparing to serve or serving as a consultant or witness for Owner in any litigation, arbitration, lien or bond claim, or other legal or administrative proceeding or dispute related to the Project.
25. Overtime work requiring higher than regular rates.
26. Providing construction surveys and staking to enable Contractor to perform its work other than as required under Paragraph A1.05.A.8; any type of property surveys or related engineering services needed for the transfer of interests in real property; and providing other special field surveys.
27. Providing more extensive services required to enable Engineer to issue notices or certifications requested by Owner.
28. *Intentionally Deleted.*
29. Other additional services performed or furnished by Engineer not otherwise provided for in this Agreement.

A2.02 Additional Services Not Requiring Owner's Written Authorization

- A. Engineer shall advise Owner in writing that Engineer is commencing to perform or furnish the Additional Services of the types listed below. For such Additional Services, Engineer need not request or obtain specific advance written authorization from Owner. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice to cease from Owner.
 1. Services in connection with Work Change Directives and Change Orders to reflect changes requested by Owner.
 2. Services in making revisions to Drawings and Specifications occasioned by the acceptance of substitute materials or equipment other than "or equal" items; services after the award of the Construction Contract in evaluating and determining the acceptability of a proposed "or equal" or substitution which is found to be inappropriate for the Project; evaluation and determination of an excessive number of proposed "or equals" or substitutions, whether proposed before or after award of the Construction Contract.
 3. Services resulting from significant delays, changes, or price increases occurring as a direct or indirect result of materials, equipment, or energy shortages.

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Exhibit A – Engineer's Services**

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4. Additional or extended services during construction made necessary by (a) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (b) emergencies or acts of God endangering the Work, (c) damage to the Work by fire or other causes during construction, (d) a significant amount of defective, neglected, or delayed work by Contractor, (e) acceleration of the progress schedule involving services beyond normal working hours, or (f) default by Contractor.
5. Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of the Work by Owner prior to Substantial Completion.
6. Evaluating unreasonable or frivolous requests for interpretation or information (RFIs), Change Proposals, or other demands from Contractor or others in connection with the Work, or an excessive number of RFIs, Change Proposals, or demands.
7. Reviewing a Shop Drawing or other Contractor submittal more than three times, as a result of repeated inadequate submissions by Contractor, except to the extent such inadequate submissions are due to Engineer, its Consultants, agents and/or other representatives.
8. *Intentionally Deleted.*

**MODIFIED VERSION of
Exhibit A – Engineer’s Services**

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Attachment 1 to Exhibit A – Project Task Descriptions

Task 1 Project Management

- 1.1 Client Meetings Biweekly (26) - Preparation for and attendance of up to twenty-six (26) meetings/phone calls with LPSNRD and City of Lincoln and any project stakeholders with interests in the area, utilities, or other interested parties.
- 1.2 Stakeholder Coordination - Any written or electronic communication between the Stakeholders and Houston Engineering, Inc., and other consultants.
- 1.3 Pursue Funding Opportunities – Identify, screen and prepare applications for up to three (3) outside funding opportunities such as NRCS-WFPO, HUD/DED, USACE, etc.
- 1.4 Project Phasing/Scheduling – Prepare and manage/update detailed MS Project schedule that includes tasks desired to be tracked that can affect overall project schedule.
- 1.5 Project Administration and Invoicing (24 months) – Monthly invoicing for the Client and progress updates.
- 1.6 WSF Management – Assist LPSNRD with any reporting required for WSF grant.
- 1.7 Project Team Coordination – All personal, written, and electronic communication between the Project Team.

Task 2 Site Investigations

- 2.1 Install Ground Water Monitoring Wells – Installation of three piezometer wells and monitoring equipment at each proposed detention basin, six wells total.
- 2.2 Soil Testing and Borings - Planned laboratory work for testing of soil samples obtained in subsurface investigation, review of lab work and preparation of test report. Testing laboratory will consult with the Design Engineer if soil samples are compromised, or the testing plan is modified.
- 2.3 Document Channel Walkthrough and Conditions – Performing a walk-through of the existing project area and creating documentation to summarize what was observed.
- 2.4 Survey - Prepare equipment for any on-site survey(s) and ensure safety is the top priority when performing survey(s). On-site survey(s) and data collection using survey grade instrumentation and field personnel for the proposed detention basin sites.

Task 3 Final Design Hydrology

- 3.1 Determine Future Climate Hydrology - Determine future discharge frequency and project operation using future climate precipitation values identified in the Salt Creek Resiliency Study.

- 3.2 Assess DMR Watershed Master Plan Projects Hydrology – Assess watershed hydrology with the implementation of the thirteen conceptual projects in the DMR Watershed Master Plan.
- 3.3 Optimized Detention Design – Design shall include analyses to optimize the detention basin capacities, intake structure performance, and site configuration in balance with channel improvements and future climate resiliency. Prepare plan view layouts and sample profiles for layout of detention basins, inflow, and outflow structures. Layouts will be developed at a planning level to aid in decisions in advance of 30% design submittals. Conservative assumptions may be made regarding geotechnical requirements in advance of completed geotechnical design for the site. Perform quality control review of all design elements.
- 3.4 Assess UNL Wetland Interaction – Determine interaction between proposed UNL East Campus tributary wetlands and the proposed UNL East Campus detention basin and determine the additional design elements and quantities associated with accommodating the wetland features.
- 3.5 Determine Project Impacts on Salt Creek – Assess the impact on Salt Creek water surface elevations downstream of project area due to lagged peak flows from the detention basin outflows. Determine if any mitigation is necessary based on findings.
- 3.6 Final Hydrology Report - Prepare Technical Report to present all findings from final hydrologic design effort to document all design considerations, data, criteria, etc. as required by tasks listed here within.
- 3.7 Incorporate Lincoln Floodplain Mapping Review Comments - Participate in technical review discussions with City of Lincoln Floodplain Mapping Project Team, share results, and document proposed path to included project in FIS hydrology.

Task 4 Final Design Hydraulics

- 4.1 Assess UNL Trib Hydraulics - Determine inflow hydrographs for design storms as required to meet project goals and determine a suitable design that may or may not incorporate flow from the UNL East Campus tributary. Document findings for inclusion in Technical Report and prepare quality control on document.
- 4.2 Assess 33rd St Proposed Design – Coordination and assessment of proposed 33rd St design and a culvert alternative with respect to Deadman’s Run channel hydraulics. Determine impact of phasing of projects on water surface elevations.
- 4.3 Assess Railroad Structure Options - Coordination and assessment of potential railroad hydraulic structure design with respect to Deadmans Run. Determine phasing of projects and assess impacts.
- 4.4 Determine Future Climate Hydraulics – Determine future water surface elevations frequency and project operation using future climate discharge values.

- 4.5 Assess DMR Watershed Master Plan Projects Hydraulics – Assess hydraulics downstream of Chateau bridge with the implementation of the thirteen conceptual projects in the DMR Watershed Master Plan.
- 4.6 Construction Phasing Scenarios – Assess the multiple adjacent projects and the phasing of each one to determine impacts to the Deadman’s Run channel and detention basin designs. Coordination of projects with necessary stakeholders.
- 4.7 Optimize Channel Design - Design shall include analyses to optimize the channel bench excavation extents. Prepare plan view layouts and sample profiles for layout of channel design. Layouts will be used to generate planning level earthwork quantities and land rights requirements to aid in decisions in advance of 30% design submittals. Design shall show major components necessary to meet assumed geotechnical requirements for the site in advance of finalized geotechnical analysis. Perform quality control review of all design elements.
- 4.8 Produce Updated Floodplain Mapping – Create updated mapping of the proposed floodplain depths and delineations for post project and future climate scenarios.
- 4.9 Final Hydraulics Report - Prepare Technical Report to present all findings from final hydraulic design effort to document all design considerations, data, criteria, etc. as required by tasks listed here within.
- 4.10 Incorporate Lincoln Floodplain Mapping Review Comments - Participate in technical review discussions with City of Lincoln Floodplain Mapping Project Team, share results, and document proposed path to included project in FIS hydraulics and mapping.

Task 5 Final Design

- 5.1 Channel Erosion Protection Repair Plans – Document and provide recommendations for channel repairs that were observed during the walk-through. Plans are separate from proposed detention basins and channel design plans.
- 5.2 Channel and Detention Basin Geotechnical Design - Development of all parameters required for input, model input and running models for settlement, slope stability and seepage analysis required for geotechnical design of detention basins and interaction with Deadman’s Run. Perform quality control review of design procedures.
- 5.3 Scour and Slope Protection and Grade Control Design – Assess potential scour impacts and required slope protection for channel and detention basins. Determine if grade control structures will be required or can be modified to ensure detention basins function as design in the future.
- 5.4 Detention Basin Structural Design – Structural design for the detention basins and required inflow and outflow structures.
- 5.5 Volumes Assessment/Earthwork Balance – Determine earthwork balance with respect to channel and detention basin designs. Analyses of cut/fill amounts, stockpiling locations, wasting locations, and future development locations and the impact on project cost.

- 5.6 Haul Routes and Access – Determine probable haul routes from project site to wasting locations. Coordination with necessary stakeholders.
- 5.7 Identify and Coordinate Utility Conflict Mitigation - Coordinate design, location, or re-location of any utilities within the project extents and adjacent areas. Coordinate any other utility conflicts near project location. Design and cost estimates for utility mitigation shall be completed outside of this scope.
- 5.8 Drafting and Construction Plans Development/Specs - Analyze the data collected during the site survey(s), compile data into design drawings and electronic CAD files, and draft the project milestone and final design construction documents and specifications for the project. Milestone(s) will include 30%, 60%, 90%, and Final. Prepare technical project specifications using the City of Lincoln and LPSNRD’s most recent front-end specifications with all required technical information for the City of Lincoln’s review. Specifications will be complete with the exception of the bid date/time information.
- 5.9 Quantities and Final Opinion of Costs - Develop quantities and engineer’s opinion of probable costs that will be reviewed by the Client and Houston Engineering, Inc.
- 5.10 Easements and Land Rights Coordination and Review - Coordinate location and extents of any required easements and land rights for the project extents. Coordinate any other land rights near project location. Provide necessary easement and land right boundaries resulting from detention basins and channel design work with other consultants and stakeholders.
- 5.11 Geotechnical Report - Preparation of and quality control functions of geotechnical report that describes investigation, methods, results and recommendations for project design.

Task 6 UNL Wetland Design

- 6.1 Preliminary Design Grading and Inlet/Outlet Controls – Develop simple grading for three to six cells and inlet/outlet control system. Final design assumed post WSF/NET award
- 6.2 Preliminary Water Intake/Pump Design – Preliminary design of intake along DMR channel and wet well/pumping system. Final design and construction documents assumed post WSF/NET award.
- 6.3 Preliminary Quantities and Opinion of Costs – Preliminary quantities and opinion of cost associated with wetland facilities features additional to the DMR channel and detention project costs.
- 6.4 Advisory Team Coordination – Any written or electronic communication between the Advisory Team, Stakeholders and Houston Engineering, Inc., and other consultants. Includes coordination time to develop concepts for NET/WSF Applications. Additional hours to be added to this task post WSF/NET award.
- 6.5 WSF Small Project Application – Development of figures and supporting information necessary for WSF grant application.

- 6.6 NET Application – Development of figures and supporting information necessary for NET grant application.
- 6.7 Final Site Design – To be completed upon obtaining supplemental funding.
- 6.8 Final Intake/Pump Design – To be completed upon obtaining supplemental funding.
- 6.9 Drafting and Construction Plans Development/Specs – To be completed upon obtaining supplemental funding.
- 6.10 Quantities and Final Opinion of Costs – To be completed upon obtaining supplemental funding.

Task 7 Permitting

- 7.1 Waters of the US Field Delineation and Reporting – Desktop and field investigation of areas of potential disturbance for potentially jurisdictional Waters of the U.S. Prepare delineation report to summarized findings and submit to USACE. Does not include a Nebraska Stream Condition Assessment Procedure (NeSCAP) assessment/report.
- 7.2 USACE Section 404 Permitting – Clean Water Act Section 404 permitting for impacts to jurisdictional waters. Includes 3 virtual meetings with USACE. Assumes project components can be permitted under NWP and/or RGP. Includes up to 3 separate permit applications and supporting documentation. Does not include applications for Individual Permit(s) or 404(b)(1) alternatives analysis.
- 7.3 Agency Coordination – Agency coordination required for permit approval(s). Includes coordination with NGPC, USFWS, and SHPO as required. Includes assessment of Platte River depletions. Assumes no additional field assessments for threatened, endangered, or sensitive species or cultural resources will be required.
- 7.4 Tree/Vegetation Mitigation Plan – Develop tree/vegetation mitigation plan as required by USACE or other stakeholders/review agencies.
- 7.5 Floodplain Development Permitting – Prepare floodplain development permit application for the proposed channel improvements and detention basins.
- 7.6 NDEE NPDES/SWPPP – Prepared supporting construction plan documents and grading permit application.

Task 8 Bidding and Construction

- 8.1 Preparation of Bidding Documents – Prepare necessary bid documents, coordinate the bid announcement, distribute information to contractors about the advertised bid package. Assume one bid package. Two printed sets of bid documents including plans and specifications and geotechnical report will be provided to the City of Lincoln and the LPSNRD. All information to contractors will be transmitted electronically along with information about which printers have the plans available to print hard copies.

Preparation for and attendance of one pre bid meeting with interested contractors and other project stakeholders. Meeting will include review of the plans and addressing any inquiries about the project. Houston Engineering Inc. will prepare meeting minutes and responses to questions asked during the meeting to be distributed to all interested parties.

Answer questions and provide any additional design information requested by contractors interested in bidding the project. Issue addendums to the original bid package as needed.

Attendance of the bid opening and collection of bids. Perform verification of bids and bonds, and develop summary of bids.

Review bids and gather background/references on contractors to make engineer's recommendation of award. Provide formal written recommendation to the City of Lincoln and LPSNRD.

Upon award of the project by the LPSNRD board, a Notice of Award will be prepared by Houston Engineering and followed by a Notice to Proceed once all applicable information from contractor is received.

- 8.2 **Construction Observation** - Preparation for and attendance of a pre-construction meeting with the selected contractor, the City of Lincoln and the LPSNRD and other stakeholders to discuss all pertinent construction related project issues. This includes preparation and distribution of meeting minutes. Coordinate with contractor, review product submittals and shop drawings, and compare to project specifications for approvals. Full time staff on site to observe construction of project to ensure contractor is constructing the project as designed. Includes inspections of all materials placed, quality control surveys, monitoring instrumentation, and performing compacting testing of earth materials. Includes coordination with contractor on necessary changes based on observations. Develop construction reports with detailed descriptions and photos of construction activities and submit to the City of Lincoln and the LPSNRD on a weekly basis. Summarize SWPPP inspections in reports and upload onto the necessary website. Review requests, verify quantities and process pay requests and change orders. Data collection of final site conditions upon completion of construction required for the record drawings. Prepare record drawings to document the projects as constructed and provide one hard copy and an electronic copy to the City of Lincoln and the LPSNRD.

Attachment 2 to Exhibit A – Project Schedule

Task Name	Begin Task	End Task
Project Management	Sep 2024	Sep 2026
Field Survey	Sep 2024	Sep 2024
Design Optimization	Sep 2024	Nov 2024
Milestone #1 – 30% Design	Nov 2024	
Geotechnical Investigation/Labs	Sep 2024	Jan 2025
Initial Permitting Consultation	Nov 2024	Jan 2025
Final Design (100% at End)	Nov 2024	May 2025
Milestone #2 – 60% Design	Feb 2025	
Milestone #3 – 90% Design	Apr 2025	
Early Contractor Involvement	Dec 2024	Jan 2025
Permit Applications	Jan 2025	Jun 2025
Land Rights Acquisition	Mar 2025	Jun 2025
Bid Phase Services	Jul 2025	Aug 2025
Construction Phase Services	Oct 2025	Sep 2026

This is **EXHIBIT B**, consisting of **4** pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

Owner's Responsibilities

Article 2 of the Agreement is supplemented to include the following agreement of the parties.

B2.01 In addition to other responsibilities of Owner as set forth in this Agreement, Owner shall at its expense:

- A. Provide Engineer with all criteria and full information as to Owner's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations.
- B. Give instructions to Engineer regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable), Owner's construction contract practices and requirements, insurance and bonding requirements, electronic transmittals during construction, and other information necessary for the finalization of Owner's bidding-related documents (or requests for proposals or other construction procurement documents), and Construction Contract Documents. Furnish copies (or give specific directions requesting Engineer to use copies already in Engineer's possession) of all design and construction standards, Owner's standard forms, general conditions (if other than the Standard General Conditions), supplementary conditions, text, and related documents and content for Engineer to include in the draft bidding-related documents (or requests for proposals or other construction procurement documents), and draft Construction Contract Documents, when applicable. Except to the extent Engineer makes any unauthorized Owner revisions which are not expressly acknowledged and approved by Owner in writing, Owner shall have responsibility for the final content of (1) such bidding-related documents (or requests for proposals or other construction procurement documents), and (2) those portions of any Construction Contract other than the design (as set forth in the Drawings, Specifications, or otherwise), and other engineering or technical matters; and Owner shall seek the advice of Owner's legal counsel, risk managers, and insurance advisors with respect to the drafting and content of such documents.
- C. Furnish to Engineer any other available information pertinent to the Project including reports and data relative to previous designs, construction, or investigation at or adjacent to the Site.
- D. Following Engineer's assessment of initially available Project information and data and upon Engineer's request, furnish, or otherwise make available (if necessary through title searches, or retention of specialists or consultants) such additional Project-related information and data as is reasonably required to enable Engineer to complete its Basic and Additional Services. Such additional information or data would generally include the following:

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Exhibit B – Owner's Responsibilities

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1. *Intentionally Deleted.*
 2. *Intentionally Deleted.*
 3. *Intentionally Deleted.*
 4. *Intentionally Deleted.*
 5. Explorations and tests of subsurface conditions at or adjacent to the Site; drawings of physical conditions relating to existing surface or subsurface structures at the Site; hydrographic surveys; with appropriate professional interpretation of such information or data.
 6. Environmental assessments, audits, investigations, and impact statements, and other relevant environmental, historical, or cultural studies relevant to the Project, the Site, and adjacent areas.
 7. Data or consultations as required for the Project but not otherwise identified in this Agreement.
- E. Upon Engineer's request, arrange for appropriate access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to perform services under the Agreement.
- F. Recognizing and acknowledging that Engineer's services and expertise do not include the following services, provide, as required for the Project:
1. Accounting, bond and financial advisory (including, if applicable, "municipal advisor" services as described in Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) and the municipal advisor registration rules issued by the Securities and Exchange Commission), independent cost estimating, and insurance counseling services.
 2. Legal services with regard to issues pertaining to the Project as Owner requires, and, to the extent deemed necessary by Owner in Owner's sole discretion, that Contractor raises or Engineer reasonably requests.
 3. Such auditing services as Owner requires to ascertain how or for what purpose Contractor has used the money paid.
- G. Provide the services of an independent testing laboratory to perform all inspections, tests, and approvals of samples, materials, and equipment required by the Construction Contract Documents (other than those required to be furnished or arranged by Contractor), or to evaluate the performance of materials, equipment, and facilities of Owner, prior to their incorporation into the Work with appropriate professional interpretation thereof. Provide Engineer with the findings and reports generated by testing laboratories, including findings and reports obtained from or through Contractor.

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Exhibit B – Owner's Responsibilities

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- H. Provide reviews, approvals, and permits from all governmental authorities having jurisdiction to approve all phases of the Project designed or specified by Engineer and such reviews, approvals, and consents from others as may be necessary for completion of each phase of the Project.
- I. Advise Engineer of the identity and scope of services of any independent consultants employed by Owner to perform or furnish services in regard to the Project, including, but not limited to, cost estimating, project peer review, value engineering, and constructability review.
- J. If Owner designates a construction manager or an individual or entity other than, or in addition to, Engineer to represent Owner at the Site, define and set forth as an attachment to this Exhibit B the duties, responsibilities, and limitations of authority of such other party and the relation thereof to the duties, responsibilities, and authority of Engineer.
- K. If more than one prime contract is to be awarded for the Work designed or specified by Engineer, then designate a person or entity to have authority and responsibility for coordinating the activities among the various prime Contractors, and define and set forth the duties, responsibilities, and limitations of authority of such individual or entity and the relation thereof to the duties, responsibilities, and authority of Engineer as an attachment to this Exhibit B that is to be mutually agreed upon and made a part of this Agreement before such services begin.
- L. Following Engineer's reasonable request, inform Engineer in writing of any specific requirements of safety or security programs that are applicable to Engineer, as a visitor to the Site.
- M. Examine all alternative solutions, studies, reports, sketches, Drawings, Specifications, proposals, and other documents presented by Engineer (including obtaining advice of an attorney, risk manager, insurance counselor, financial/municipal advisor, and other advisors or consultants as Owner deems appropriate in its sole discretion with respect to such examination) and render in writing decisions pertaining thereto as soon as reasonably practicable.
- N. *Intentionally Deleted.*
- O. *Intentionally Deleted.*
- P. Place and pay for advertisement for Bids in appropriate publications.
- Q. Furnish to Engineer data as to Owner's anticipated costs for services to be provided by others (including, but not limited to, accounting, bond and financial, independent cost estimating, insurance counseling, and legal advice) for Owner so that Engineer may assist Owner in collating the various cost categories which comprise Total Project Costs.
- R. Attend and participate in, if deemed appropriate by Owner in Owner's sole discretion, the pre-bid conference, bid opening, pre-construction conferences, construction progress and

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Exhibit B – Owner's Responsibilities

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other job related meetings, and Site visits to inspect the Work and Project to determine Substantial Completion and readiness of the completed Work for final payment.

- S. Authorize Engineer to provide Additional Services as set forth in Part 2 of Exhibit A of the Agreement, as required.
- T. Perform or provide the following: N/A

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Exhibit B – Owner's Responsibilities

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This is **EXHIBIT C**, consisting of **9** pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

Payments to Engineer for Services and Reimbursable Expenses
COMPENSATION PACKET BC-4: Basic Services – Direct Labor Costs Times a Factor

For the avoidance of doubt, this Exhibit C in its entirety is expressly subject to the last sentence of Paragraph 4.01.A in the Agreement. Article 2 of the Agreement is supplemented to include the following agreement of the parties:

ARTICLE 2 – OWNER’S RESPONSIBILITIES

C2.01 Compensation for Basic Services (other than Resident Project Representative) – Direct Labor Costs Times a Factor Method of Payment

A. Owner shall pay Engineer for Basic Services set forth in Exhibit A, except for services of Engineer’s Resident Project Representative, if any, as follows:

1. An amount equal to Engineer’s Direct Labor Costs times a factor of 3.1 for the services of Engineer’s personnel engaged on the Project, plus Reimbursable Expenses, estimated to be \$194,080.00, and Engineer’s Consultant’s charges, if any, estimated to be \$0.00.
2. Engineer’s Reimbursable Expenses Schedule is attached to this Exhibit C as Attachment 1.
3. The total compensation for services under Paragraph C2.01 is estimated to be **\$2,590,009.00** based on the Engineer’s Fee Estimate (Time and Cost Table) attached to this Exhibit C as Attachment 2 and the following distribution of compensation:

a. Project Management (Task 1)	\$ 257,984.00
b. Preliminary Design Phase (Tasks 2,3,6)	\$ 357,105.00
c. Permitting Phase (Task 7)	\$ 86,496.00
d. Final Design (Tasks 4,5)	\$ 1,044,584.00
e. Bid Phase (Task 8.1)	\$ 39,000.00
f. Construction Phase (Task 8.2)	\$ 804,840.00
4. Following notice to Owner, Engineer may alter the distribution of compensation between individual phases of the work noted herein to be consistent with services actually rendered. For the avoidance of doubt, in no event shall such amount, in combination with any other compensation, reimbursement and/or any other amount to

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Exhibit C – Compensation Decision Guide.

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be paid by Owner with respect to and/or pursuant to this Agreement exceed the Maximum Amount unless Owner agrees otherwise in a signed written agreement entered into pursuant to this Agreement.

5. The total estimated compensation for Engineer's services included in the breakdown by phases as noted in Paragraph C2.01.A.3, incorporates all labor, overhead, profit, Reimbursable Expenses, and Engineer's Consultant's charges.
6. The portion of the amounts billed for Engineer's services which are related to services rendered on a Direct Labor Costs times a Factor basis will be billed based on the applicable Direct Labor Costs for the cumulative hours charged to the Project by Engineer's principals and employees multiplied by the above-designated factor, plus Reimbursable Expenses and Engineer's Consultant's charges reasonably and actually incurred during the billing period.
7. Direct Labor Costs means salaries and wages paid to Engineer's employees but does not include payroll-related costs or benefits.
8. The parties may, by mutual written agreement, adjust annually the Direct Labor Costs and the factor applied to Direct Labor Costs to reflect equitable changes to the compensation payable to Engineer.

C2.02 *Compensation for Reimbursable Expenses*

- A. Owner shall pay Engineer for all Reimbursable Expenses at the rates set forth in Attachment 1 to this Exhibit C to the extent they are actually and reasonably incurred in furtherance of the Project.
- B. Reimbursable Expenses include the expenses identified in Appendix 1 and the following: transportation (including mileage), lodging, and subsistence incidental thereto to the extent necessary for completion of the Project and specifically approved in advance by Owner in writing; providing and maintaining field office facilities including furnishings and utilities; reproduction of reports, Drawings, Specifications, bidding-related or other procurement documents, Construction Contract Documents, and similar Project-related items; and Consultants' charges. In addition, if authorized in advance by Owner, Reimbursable Expenses will also include expenses incurred for the use of highly specialized equipment.
- C. The amounts payable to Engineer for Reimbursable Expenses will be the Project-related internal expenses actually and reasonably incurred or allocated by Engineer, plus all invoiced external Reimbursable Expenses allocable to the Project, the latter multiplied by a factor of 1.0. For the avoidance of doubt, in no event will the Reimbursable Expenses, in combination with any other reimbursements, compensation and/or any other amounts to be paid by Owner with respect to and/or pursuant to this Agreement exceed the Maximum Amount unless otherwise agreed by Owner in a signed written agreement entered into pursuant to this Agreement.

C2.03 *Other Provisions Concerning Payment*

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Exhibit C – Compensation Decision Guide.

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- A. Whenever Engineer is entitled to compensation for the charges of Engineer's Consultants, those charges shall be the amounts billed by Engineer's Consultants to Engineer times a factor of 1.0. For the avoidance of doubt, in no event will such compensation, together with any other compensation, reimbursements and/or any other amounts to be paid by Owner with respect to and/or pursuant to this Agreement exceed the Maximum Amount unless otherwise agreed by Owner in a signed written agreement entered into pursuant to this Agreement.

- B. *Factors:* The external Reimbursable Expenses and Engineer's Consultant's factors include Engineer's overhead and profit associated with Engineer's responsibility for the administration of such services and costs.

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**COMPENSATION PACKET RPR-4:
Resident Project Representative – Direct Labor Times a Factor**

For the avoidance of doubt, this Exhibit C in its entirety is expressly subject to the last sentence of Paragraph 4.01.A in the Agreement. Article 2 of the Agreement is supplemented to include the following agreement of the parties:

C2.04 Compensation for Resident Project Representative Basic Services – Direct Labor Costs Times a Factor Method of Payment

A. Owner shall pay Engineer for:

1. *Resident Project Representative Services:* For services of Engineer's Resident Project Representative under Paragraph A1.05.A.2 of Exhibit A of the Agreement, an amount equal to Engineer's Direct Labor Costs times a factor of 3.1 for the services of Engineer's personnel engaged directly in resident Project representation, plus related Reimbursable Expenses to the extent they are actually and reasonably incurred in furtherance of the Project and Engineer's Consultant's charges to the extent they are actually and reasonably incurred in furtherance of the Project, if any. The total compensation under this paragraph is estimated to be **\$804,840.00**, based upon full-time RPR services on a ten-hour workday, Monday through Saturday, over a **12** month construction schedule. For the avoidance of doubt, in no event will such compensation, in combination with any other compensation, reimbursements and/or any other amounts to be paid by Owner with respect to and/or pursuant to this Agreement exceed the Maximum Amount unless otherwise agreed by Owner in a signed written agreement entered into pursuant to this Agreement. The Engineer's Fee Estimate (Time and Cost Table) is attached to this Exhibit C as Attachment 2.

B. *Compensation for Reimbursable Expenses:*

1. For those Reimbursable Expenses that are not accounted for in the compensation for Basic Services under Paragraph C2.01, and to the extent they are actually and reasonably incurred in furtherance of the Project and directly related to the provision of Resident Project Representative or Post-Construction Basic Services, Owner shall pay Engineer at the rates set forth in Attachment 1 to this Exhibit C.
2. Reimbursable Expenses include the expenses identified in Appendix 1 and the following: transportation (including mileage), lodging, and subsistence incidental thereto to the extent necessary for completion of the Project and specifically approved in advance by Owner in writing; providing and maintaining field office facilities including furnishings and utilities; reproduction of reports, Drawings, Specifications, bidding-related or other procurement documents, Construction Contract Documents, and similar Project-related items; and Consultants' charges. In addition, if authorized in advance by Owner, Reimbursable Expenses will also include expenses incurred for computer time and the use of other highly specialized equipment.
3. The amounts payable to Engineer for Reimbursable Expenses, if any, will be those internal expenses related to the Resident Project Representative Basic Services that are

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actually incurred or allocated by Engineer, plus all invoiced external Reimbursable Expenses allocable to such services, the latter multiplied by a factor of 1.0. For the avoidance of doubt, in no event will such reimbursements, in combination with any other reimbursements, compensation and/or any other amounts to be paid by Owner with respect to and/or pursuant to this Agreement exceed the Maximum Amount unless otherwise agreed by Owner in a signed written agreement entered into pursuant to this Agreement.

4. The parties may, by mutual written agreement, adjust annually the Reimbursable Expenses Schedule to reflect equitable changes in the compensation payable to Engineer.

C. *Other Provisions Concerning Payment Under this Paragraph C2.04:*

1. Whenever Engineer is entitled to compensation for the charges of Engineer's Consultants, those charges shall be the amounts billed by Engineer's Consultants to Engineer times a factor of 1.0. For the avoidance of doubt, in no event will such compensation, together with any other compensation, reimbursements and/or any other amounts to be paid by Owner with respect to and/or pursuant to this Agreement exceed the Maximum Amount unless otherwise agreed by Owner in a signed written agreement entered into pursuant to this Agreement.
2. *Factors:* The external Reimbursable Expenses and Engineer's Consultant's factors include Engineer's overhead and profit associated with Engineer's responsibility for the administration of such services and costs.

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**COMPENSATION PACKET AS-2:
Additional Services – Direct Labor Costs Times a Factor**

Article 2 of the Agreement is supplemented to include the following agreement of the parties:

C2.05 Compensation for Additional Services – Direct Labor Costs Times a Factor Method of Payment

A. Owner shall pay Engineer for Additional Services as follows:

1. *General:* For services of Engineer's personnel engaged directly on the Project pursuant to Paragraph A2.01 or A2.02 of Exhibit A of the Agreement, except for services as a consultant or witness under Paragraph A2.01.A.24 (which if needed shall be separately negotiated based on the nature of the required consultation or testimony), an amount equal to Engineer's Direct Labor Costs times a factor of 3.1 plus related Reimbursable Expenses and Engineer's Consultant's charges, the extent they are actually and reasonably incurred in furtherance of the Project, if any.

B. *Compensation for Reimbursable Expenses:*

1. For those Reimbursable Expenses that are not accounted for in the compensation for Basic Services under Paragraph C2.01 and are actually and reasonably incurred in furtherance of the Project and directly related to the provision of Additional Services, Owner shall pay Engineer at the rates set forth in Attachment 1 to this Exhibit C.
2. Reimbursable Expenses include the expenses identified in Attachment 1 and the following: transportation (including mileage), lodging, and subsistence incidental thereto to the extent necessary for completion of the Project and specifically approved in advance by Owner in writing; providing and maintaining field office facilities including furnishings and utilities; reproduction of reports, Drawings, Specifications, bidding-related or other procurement documents, Construction Contract Documents, and similar Project-related items; and Consultants' charges. In addition, if authorized in advance by Owner, Reimbursable Expenses will also include expenses incurred for and the use of highly specialized equipment.
3. The amounts payable to Engineer for Reimbursable Expenses, if any, will be the Additional Services-related internal expenses actually incurred or allocated by Engineer, plus all invoiced external Reimbursable Expenses allocable to such Additional Services, the latter multiplied by a factor of 1.0.
4. The parties may, by mutual written agreement, adjust annually the Reimbursable Expenses Schedule to reflect equitable changes in the compensation payable to Engineer.

C. *Other Provisions Concerning Payment for Additional Services:*

1. Whenever Engineer is entitled to compensation for the charges of Engineer's Consultants, those charges shall be the amounts billed by Engineer's Consultants to Engineer times a factor of 1.0.

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2. *Factors:* The external Reimbursable Expenses and Engineer's Consultant's factors include Engineer's overhead and profit associated with Engineer's responsibility for the administration of such services and costs.
3. To the extent necessary to verify Engineer's charges and upon Owner's timely request, Engineer shall make copies of such records available to Owner at cost.

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This is **Attachment 1 to EXHIBIT C**, consisting of **1** pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

Reimbursable Expenses Schedule

Reimbursable Expenses are subject to review and adjustment to the extent permitted by Exhibit C. Rates and charges for Reimbursable Expenses as of the date of the Agreement are:

Reimbursable Expenses Schedule	Rate
8.5X11" Black and White Copies	\$0.10/page
8.5X11" Color Copies	\$0.20/page
11X17" Black and White Copies	\$0.15/page
11x17" Color Copies	\$0.25/page
Presentation Boards (Color and Mounted)	\$150/board
24X36" Black and White Construction Documents	\$2/sheet
24X36" Color Construction Documents	\$6.50/sheet
Mileage	IRS Standard Mileage Rate
Crawler	\$200/culvert
GPS Survey Equipment	\$25/hour per unit
Troxler Soil Testing Equipment	\$50/Test
Meals and Lodging	At Cost

All other reimbursable expenses will be invoiced at actual cost.

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Exhibit C - Attachment 2
Payments to Engineer for Services and Reimbursable Expenses
Deadman's Run Flood Risk Reduction Project
Lower Platte South Natural Resources District
Lincoln, Nebraska
8/7/2024



		Sotak Project Mgr	Kelley Asst. PM/ H&H	Mechtenberg Plans QA/QC	Kaufman Permitting	Gregalunas H&H/Geotech	Roenigk Prj Eng	Miller Structural	Staff Eng EI	Asst. Engr.	Accounting	Stroh	HEI Expenses	HEI TOTAL
Tasks		\$296	\$216	\$237	\$248	\$269	\$206	\$216	\$164	\$123	\$125			
Task 1	Project Management+B24:C66D86B24:B24:C101	\$108,336	\$101,952	\$4,740	\$3,472	\$3,228	\$29,664	\$2,592	\$0	\$0	\$3,000	\$1,000		\$257,984
1.1	Client Meetings Biweekly (26)	52	104		4	4	104	4						\$62,212
1.2	Stakeholder Coordination	80	80		2		16						\$1,000	\$45,752
1.3	Pursue Funding Opportunities	80												\$23,680
1.4	Project Phasing/Scheduling	40	40											\$20,480
1.5	Project Administration and Invoicing (24 months)	24	48								24			\$20,472
1.6	WSF Management	40		20										\$16,580
1.7	Project Team Coordination	50	200		8	8	24	8						\$68,808
Task 2	Site Investigations	\$592	\$3,456	\$0	\$992	\$9,684	\$8,240	\$0	\$15,088	\$0	\$0	\$132,580		\$170,632
2.1	Install Ground Water Monitoring Wells					4			16				\$36,000	\$39,700
2.2	Soil Testing and Borings					32							\$95,830	\$104,438
2.3	Document Channel Walkthrough and Conditions	2	16		4		16		16					\$10,960
2.4	Survey						24		60				\$750	\$15,534
Task 3	Final Design Hydrology	\$3,552	\$45,360	\$948	\$992	\$5,111	\$15,244	\$1,728	\$30,832	\$0	\$0	\$0		\$103,767
3.1	Determine Future Climate Hydrology		8			1								\$1,997
3.2	Assess DMR Watershed Master Plan Projects Hydrology		40			1			60					\$18,749
3.3	Optimized Detention Design		40	4		4	40	8						\$20,632
3.4	Assess UNL Wetland Interaction	4	4		4	1	20							\$7,160
3.5	Determine Project Impacts on Salt Creek		10			1	4							\$3,253
3.6	Final Hydrology Report	4	100			8	10		120					\$46,676
3.7	Incorporate Lincoln Floodplain Mapping Review Comments	4	8			4			8					\$5,300
Task 4	Final Design Hydraulics	\$5,920	\$32,832	\$948	\$992	\$5,380	\$77,456	\$0	\$57,072	\$0	\$0	\$0		\$180,600
4.1	Assess UNL Trib Hydraulics		8				40							\$9,968
4.2	Assess 33rd St Proposed Design	4	8				40		40					\$17,712
4.3	Assess Railroad Structure Options		8				40		40					\$16,528
4.4	Determine Future Climate Hydraulics						16							\$3,296
4.5	Assess DMR Watershed Master Plan Projects Hydraulics		40				40		40					\$23,440
4.6	Construction Phasing Scenarios	8	16				8							\$7,472
4.7	Optimize Channel Design	4	20	4	4	8	60		60					\$31,796
4.8	Produce Updated Floodplain Mapping		8				24		40					\$13,232
4.9	Final Hydraulics Report		40			8	100		120					\$51,072
4.10	Incorporate Lincoln Floodplain Mapping Review Comments	4	4			4	8		8					\$6,084
Task 5	Channel and Detention Basin Final Design	\$26,048	\$47,520	\$71,100	\$6,944	\$62,408	\$69,216	\$148,608	\$370,640	\$61,500	\$0	\$0		\$863,984
5.1	Channel Erosion Protection Repair Plans		8	4	2	4	20		40					\$14,928
5.2	Channel and Detention Basin Geotechnical Design					140		280						\$98,140
5.3	Scour and Slope Protection and Grade Control Design	8	40		2	16	40	24	80					\$42,352
5.4	Detention Basin Structural Design					24		240	240					\$97,656
5.5	Volumes Assessment/Earthwork Balance			8			40		80					\$23,256
5.6	Haul Routes and Access	8	8				16		40					\$13,952
5.7	Identify and Coordinate Utility Conflict Mitigation	8	40				40		80					\$32,368
5.8	Drafting and Construction Plans Development/Specs	40	100	240	24	24	100	40	1500	500				\$439,468
5.9	Quantities and Final Opinion of Costs	16	8	40			80	24	160					\$63,848
5.10	Easements and Land Rights Coordination and Review		8	8					40					\$10,184
5.11	Geotechnical Report	8	8			24		80						\$27,832
Task 6	UNL Wetland Design	\$10,064	\$1,728	\$20,856	\$8,928	\$2,690	\$13,184	\$0	\$24,272	\$984	\$0	\$0		\$82,706
6.1	Preliminary Design Grading and Inlet/Outlet Controls	2		24			24		40					\$17,784
6.2	Preliminary Water Intake/Pump Design	20		20		10	40		60					\$31,430
6.3	Preliminary Quantities and Opinion of Costs			8					24					\$5,832
6.4	Advisory Team Coordination	8	8	12	12									\$9,916
6.5	WSF Small Project Application	2		24					20	8				\$10,544
6.6	NET Application	2		24					4					\$7,200
6.7	Final Site Design													
6.8	Final Intake/Pump Design													
6.9	Drafting and Construction Plans Development/Specs													
6.10	Quantities and Final Opinion of Costs													
Task 7	Permitting	\$0	\$11,880	\$7,584	\$28,768	\$0	\$9,064	\$0	\$18,368	\$10,332	\$0	\$500		\$86,496
7.1	Waters of the US Field Delineation and Reporting				6				16	44		\$500		\$10,024
7.2	USACE Section 404 Permitting		3	24	54				48	16				\$29,568
7.3	Agency Coordination		32		48		24		8					\$25,072
7.4	Tree/Vegetation Mitigation Plan		4		8					24				\$5,800
7.5	Floodplain Development Permitting		16											\$3,456
7.6	NDEE NPDES/SWPPP			8			20		40					\$12,576
Task 7	Bidding and Construction	\$66,304	\$73,440	\$1,896	\$0	\$10,760	\$502,640	\$17,280	\$111,520	\$0	\$0	\$60,000		\$843,840
8.1	Preparation of Bidding Documents	24	40	8			40		80					\$39,000
8.2	Construction Observation	200	300			40	2400	80	600			\$60,000		\$604,840
	Subtotal Hours	746	1473	456	206	369	3518	788	3828	592	24			
	Subtotal Costs	\$220,816	\$318,168	\$108,072	\$51,088	\$99,261	\$724,708	\$170,208	\$627,792	\$72,816	\$3,000	\$194,080		\$2,590,009
	Total Estimated Costs													

Task Assumptions

Assume Alt G, Optimized with minimized DMR floodplain remnants

- 1.2 UNL, RTSD, BNSF and OL&B, Landowners, Landfill, and Contractors
- 2.1 Assumes we install 6 piezo wells with data loggers (3 per site). Estimate may vary based on exact fees from subconsultant at time of contract execution.
- 2.2 10 borings (5 per site) to average 40-feet. Triaxial/direct shear, Atterbergs, moisture/density, falling head perm, crumb tests, and hydrometer. Site access issues may require some tree removal which is not included in this estimate.
- 6.1 Includes simple grading for six cells and inlet/outlet control system. Final design assumed post WSF/NET award
- 6.2 Includes design of intake along DMR channel and wet well/pumping system. Final design and construction documents assumed post WSF/NET award.
- 6.4 Includes coordination time to develop concepts for NET/WSF Applications. Additional hours to be added to this task post WSF/NET award.
- 7.1 Does not include a NeSCAP assessment/report.
- 7.2 Includes 3 virtual meetings with USACE. Assumes project components can be permitted under NWP's and/or RGP's. Includes up to 3 separate permit applications and supporting documentation.
- 7.3 Includes coordination with NGPC, USFWS, and SHPO as required. Includes assessment of Platte River depletions. Assumes no additional field assessments for threatened, endangered, or sensitive species or cultural resources will be required.
- 8.1 Preparation for one bidding package
- 8.2 Assumes 12 month construction phase with full time (10 hours x 6 days / week) construction observation services

This is **EXHIBIT D**, consisting of 5 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

Duties, Responsibilities, and Limitations of Authority of Resident Project Representative

Article 1 of the Agreement is supplemented to include the following agreement of the parties:

ARTICLE 1 - SERVICES OF ENGINEER

D1.01 Resident Project Representative

- A. Engineer shall furnish a Resident Project Representative (“RPR”) to assist Engineer in observing progress and quality of the Work. The RPR may provide full time representation or may provide representation to a lesser degree. RPR is Engineer’s representative at the Site, will act as directed by and under the supervision of Engineer, and will confer with Engineer regarding RPR’s actions.
- B. Through RPR’s observations of the Work, including field checks of materials and installed equipment, Engineer shall endeavor to provide protection for Owner against defects and deficiencies in the Work. However, Engineer shall not on its own behalf with respect to third parties, as a result of such RPR observations of the Work, be deemed to supervise, direct, or have control over the Work, nor shall Engineer (including the RPR) have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to the Work or any Constructor’s work in progress, for the coordination of the Constructors’ work or schedules, or for any failure of any Constructor to comply with Laws and Regulations applicable to the performing and furnishing of its work. The Engineer (including RPR) neither guarantees the performances of any Constructor nor assumes responsibility for any Constructor’s failure to furnish and perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents unless such failure was cause in whole or in part by Engineer, RPR, Consultants, and/or any of Engineer’s other agents and/or other representatives. In addition, the specific terms set forth in Exhibit A, Paragraph A1.05, of this Agreement are applicable.
- C. The duties and responsibilities of the RPR are as follows:
 1. *General:* RPR’s dealings in matters pertaining to the Work in general shall be with Engineer and Contractor. RPR’s dealings with Subcontractors shall only be through or with the full knowledge and approval of Contractor. RPR shall generally communicate with Owner only with the knowledge of and under the direction of Engineer.
 2. *Schedules:* Review the progress schedule, schedule of Shop Drawing and Sample submittals, schedule of values, and other schedules prepared by Contractor and consult with Engineer concerning acceptability of such schedules.

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Exhibit D - Resident Project Representative.

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3. *Conferences and Meetings:* Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences, and other Project-related meetings (but not including Contractor's safety meetings), and as appropriate prepare and circulate copies of minutes thereof.
4. *Safety Compliance:* Comply with Site safety programs, as they apply to RPR, and if required to do so by such safety programs, receive safety training specifically related to RPR's own personal safety while at the Site.
5. *Liaison:*
 - a. Serve as Engineer's liaison with Contractor. Working principally through Contractor's authorized representative or designee, assist in providing information regarding the provisions and intent of the Construction Contract Documents.
 - b. Assist Engineer in serving as Owner's liaison with Contractor when Contractor's operations affect Owner's on-Site operations.
 - c. Assist in obtaining from Owner additional details or information, when required for proper execution of the Work.
6. *Clarifications and Interpretations:* Receive from Contractor submittal of any matters in question concerning the requirements of the Construction Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Construction Contract Documents. Report to Engineer regarding such RFIs. Report to Engineer when clarifications and interpretations of the Construction Contract Documents are needed, whether as the result of a Contractor RFI or otherwise. Transmit Engineer's clarifications, interpretations, and decisions to Contractor.
7. *Shop Drawings and Samples:*
 - a. Record date of receipt of Samples and Contractor-approved Shop Drawings.
 - b. Receive Samples that are furnished at the Site by Contractor, and notify Engineer of availability of Samples for examination.
 - c. Advise Engineer and Contractor of the commencement of any portion of the Work requiring a Shop Drawing or Sample submittal, if RPR believes that the submittal has not been received from Contractor, or has not been approved by Contractor or Engineer.
8. *Proposed Modifications:* Consider and evaluate Contractor's suggestions for modifications to the Drawings or Specifications, and report such suggestions, together with RPR's recommendations, if any, to Engineer. Transmit Engineer's response (if any) to such suggestions to Contractor.
9. *Review of Work; Defective Work:*

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- a. Report to Engineer whenever RPR believes that any part of the Work is defective under the terms and standards set forth in the Construction Contract Documents, and provide recommendations as to whether such Work should be corrected, removed and replaced, or accepted as provided in the Construction Contract Documents.
- b. Inform Engineer of any Work that RPR believes is not defective under the terms and standards set forth in the Construction Contract Documents, but is nonetheless not compatible with the design concept of the completed Project as a functioning whole, and provide recommendations to Engineer for addressing such Work. ; and
- c. Advise Engineer of that part of the Work that RPR believes should be uncovered for observation, or requires special testing, inspection, or approval.

10. *Inspections, Tests, and System Start-ups:*

- a. Consult with Engineer in advance of scheduled inspections, tests, and systems start-ups.
- b. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Owner's personnel, and that Contractor maintains adequate records thereof.
- c. Observe, record, and report to Engineer appropriate details relative to the test procedures and systems start-ups.
- d. Observe whether Contractor has arranged for inspections required by Laws and Regulations, including but not limited to those to be performed by public or other agencies having jurisdiction over the Work.
- e. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Work, record the results of these inspections, and report to Engineer.

11. *Records:*

- a. Maintain at the Site orderly files for correspondence, reports of job conferences, copies of Construction Contract Documents including all Change Orders, Field Orders, Work Change Directives, Addenda, additional Drawings issued subsequent to the execution of the Construction Contract, RFIs, Engineer's clarifications and interpretations of the Construction Contract Documents, progress reports, approved Shop Drawing and Sample submittals, and other Project-related documents.
- b. Prepare a daily report or keep a diary or log book, recording Contractor's hours on the Site, Subcontractors present at the Site, weather conditions, data relative to questions of Change Orders, Field Orders, Work Change Directives, or changed conditions, Site visitors, deliveries of equipment or materials, daily activities,

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decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Engineer.

- c. Upon request from Owner to Engineer, photograph or video Work in progress or Site conditions.
- d. Record and maintain accurate, up-to-date lists of the names, addresses, fax numbers, e-mail addresses, websites, and telephone numbers (including mobile numbers) of all Contractors, Subcontractors, and major Suppliers of materials and equipment.
- e. Maintain records for use in preparing Project documentation.
- f. Upon completion of the Work, furnish original set of all RPR Project documentation to Engineer.

12. *Reports:*

- a. Furnish to Engineer periodic reports as required of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and Sample submittals.
- b. Draft and recommend to Engineer proposed Change Orders, Work Change Directives, and Field Orders. Obtain backup material from Contractor.
- c. Furnish to Engineer and Owner copies of all inspection, test, and system start-up reports.
- d. Immediately inform Engineer of the occurrence of any Site accidents, emergencies, acts of God endangering the Work, possible force majeure or delay events, damage to property by fire or other causes, or the discovery of any potential differing site condition or Constituent of Concern.

13. *Payment Requests:* Review applications for payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the schedule of values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.

14. *Certificates, Operation and Maintenance Manuals:* During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Contract Documents to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Owner prior to payment for that part of the Work.

15. *Completion:*

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- a. Participate in Engineer's visits to the Site for inspection regarding Substantial Completion, assist in the determination of Substantial Completion, and prior to the issuance of a Certificate of Substantial Completion submit a punch list of observed items requiring completion or correction.
- b. Participate in Engineer's visit in the company of Owner and Contractor to the Site for inspection to determine completion of the Work, and prepare a final punch list of items to be completed or corrected by Contractor.
- c. Observe whether all items on the final punch list have been completed or corrected, and make recommendations to Engineer concerning acceptance and issuance of the Notice of Acceptability of the Work (Exhibit E).

D. Resident Project Representative shall not:

1. Authorize any deviation from the Construction Contract Documents or substitution of materials or equipment (including "or-equal" items).
2. Exceed limitations of Engineer's authority as set forth in this Agreement.
3. Undertake any of the responsibilities of Contractor, Subcontractors, or Suppliers, or any Constructor.
4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of the Work, by Contractor or any other Constructor.
5. Advise on, issue directions regarding, or assume control over security or safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
7. Accept Shop Drawing or Sample submittals from anyone other than Contractor.
8. Authorize Owner to occupy the Project in whole or in part.

MODIFIED VERSION of

Exhibit D - Resident Project Representative.

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This is **EXHIBIT E**, consisting of **2** pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

NOTICE OF ACCEPTABILITY OF WORK

PROJECT:

OWNER: Lower Platte South Natural Resources District

CONTRACTOR:

OWNER'S CONSTRUCTION CONTRACT IDENTIFICATION:

EFFECTIVE DATE OF THE CONSTRUCTION CONTRACT:

ENGINEER: Houston Engineering, Inc

NOTICE DATE:

To: Lower Platte South Natural Resources District
Owner

And To: _____
Contractor

From: Houston Engineering, Inc
Engineer

The Engineer hereby gives notice to the above Owner and Contractor that that the Work furnished and performed by Contractor under the above Construction Contract is acceptable, expressly subject to the provisions of the related Contract Documents, the Agreement between Owner and Engineer for Professional Services dated **22 August 2024**, and the following terms and conditions of this Notice, and that Engineer has recommended final payment of Contractor:

CONDITIONS OF NOTICE OF ACCEPTABILITY OF WORK

The Notice of Acceptability of Work ("Notice") is expressly made subject to the following terms and conditions to which all those who receive said Notice and rely thereon agree:

MODIFIED VERSION of

Exhibit E – Notice of Acceptability of Work.

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1. This Notice is given with the skill and care ordinarily used by members of the engineering profession practicing under similar conditions at the same time and in Nebraska.
2. This Notice reflects and is an expression of the Engineer's professional opinion.
3. This Notice is given as to the best of Engineer's knowledge, information, and belief as of the Notice Date.
4. This Notice is based entirely on and expressly limited by the scope of services Engineer has been employed by Owner to perform or furnish during construction of the Project (including observation and/or inspection of the Contractor's work) under Engineer's Agreement with Owner, and applies only to facts that are within Engineer's knowledge or could reasonably have been ascertained by Engineer as a result of carrying out the responsibilities specifically assigned to Engineer under such Agreement.
5. This Notice is not a guarantee or warranty of Contractor's performance under the Construction Contract, an acceptance of Work that is not in accordance with the related Contract Documents, including but not limited to defective Work discovered after final inspection, nor an assumption of responsibility for any failure of Contractor to furnish and perform the Work thereunder in accordance with the Construction Contract Documents, or to otherwise comply with the Construction Contract Documents or the terms of any special guarantees specified therein.
6. This Notice does not relieve Contractor of any surviving obligations under the Construction Contract, and is subject to Owner's reservations of rights with respect to completion and final payment.

By: _____

Title: _____

Dated: _____

MODIFIED VERSION of

Exhibit E – Notice of Acceptability of Work.

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This is **EXHIBIT G**, consisting of 1 page, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

Insurance

Paragraph 6.05 of the Agreement is supplemented to include the following agreement of the parties:

G6.05 Insurance

A. The limits of liability for the insurance required by Paragraph 6.05.A and 6.05.B of the Agreement are as follows:

1. By Engineer:

- a. Workers' Compensation: Statutory
- b. Employer's Liability --
 - 1) Bodily injury, each accident: \$500,000
 - 2) Bodily injury by disease, each employee: \$500,000
 - 3) Bodily injury/disease, aggregate: \$500,000
- c. General Liability --
 - 1) Each Occurrence (Bodily Injury and Property Damage): \$1,000,000
 - 2) General Aggregate: \$2,000,000
- d. Excess or Umbrella Liability --
 - 1) Per Occurrence: \$5,000,000
 - 2) General Aggregate: \$5,000,000
- e. Automobile Liability --Combined Single Limit (Bodily Injury and Property Damage):
\$1,000,000
- f. Professional Liability --
 - 1) Each Claim Made \$1,000,000
 - 2) Annual Aggregate \$2,000,000
- g. Other (specify): \$[]

B. *Additional Insureds:*

- 1. The Owner shall be listed on Engineer's general liability policy as provided in Paragraph 6.05.A.

MODIFIED VERSION of
Exhibit G – Insurance.

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/10/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement.

Table with 2 main sections: PRODUCER (Choice Insurance) and INSURED (Houston Engineering, Inc.). Includes contact information for Jamie Satrom and a list of insurers (Valley Forge, National Fire, Continental, Transportation).

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES.

Main table with columns: INSR LTR, TYPE OF INSURANCE, ADDL INSD, SUBR WVD, POLICY NUMBER, POLICY EFF, POLICY EXP, LIMITS. Contains sections A (Commercial General Liability), B (Automobile Liability), C (Umbrella Liability), and D (Workers Compensation).

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Project: Deadman's Run Channel Flood Risk Reduction

Lower Platte South Natural Resources District is included as Additional Insured as respects General Liability when required by written contract with the Named Insured. Umbrella Liability coverage follows form.

CERTIFICATE HOLDER

CANCELLATION

Table with 2 columns: CERTIFICATE HOLDER (Lower Platte South NRD) and CANCELLATION (Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions. Includes signature of authorized representative).

This is **EXHIBIT H**, consisting of **1** page, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

Dispute Resolution

Paragraph 6.09 of the Agreement is supplemented to include the following agreement of the parties:

H6.08 *Dispute Resolution*

- A. *Mediation*: Owner and Engineer agree that they shall first submit any and all unsettled claims, counterclaims, disputes, and other matters in question between them arising out of or relating to this Agreement or the breach thereof ("Disputes") to mediation by a mediator to be mutually agreed upon by Owner and Engineer. Owner and Engineer agree to participate in the mediation process in good faith. The process shall be conducted on a confidential basis, and shall be completed within 120 days. If such mediation is unsuccessful in resolving a Dispute, then (1) the parties may mutually agree to a dispute resolution of their choice, or (2) either party may seek to have the Dispute resolved by a court of competent jurisdiction.

MODIFIED VERSION of

Exhibit H - Dispute Resolution.

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Page 1

This is **EXHIBIT J**, consisting of **1** page, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

Special Provisions

Paragraph(s) [] of the Agreement is/are supplemented to include the following agreement(s) of the parties:

MODIFIED VERSION of

Exhibit J - Special Provisions.

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Page 1

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **22 August 2024**.

AMENDMENT TO OWNER-ENGINEER AGREEMENT
Amendment No. _____

The Effective Date of this Amendment is: _____.

Background Data

Effective Date of Owner-Engineer Agreement: **22 August 2024**

Owner: Lower Platte South Natural Resources District

Engineer: Houston Engineering, Inc.

Project: Deadman's Run Flood Risk Reduction Project

Nature of Amendment: [Check those that are applicable and delete those that are inapplicable.]

- _____ Additional Services to be performed by Engineer
- _____ Modifications to services of Engineer
- _____ Modifications to responsibilities of Owner
- _____ Modifications of payment to Engineer
- _____ Modifications to time(s) for rendering services
- _____ Modifications to other terms and conditions of the Agreement

Description of Modifications:

Here describe the modifications, in as much specificity and detail as needed. Use an attachment if necessary.

Agreement Summary:

Original agreement amount:	\$ _____
Net change for prior amendments:	\$ _____
This amendment amount:	\$ _____
Adjusted Agreement amount:	\$ _____

MODIFIED VERSION of

Exhibit K – Amendment to Owner-Engineer Agreement.

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Change in time for services (days or date, as applicable): _____

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect.

OWNER:

ENGINEER:

Lower Platte South Natural Resources District

By: _____
Name: Mike Sousek
Title: General Manager

By: _____
Name: _____
Title: _____

Date Signed:

Date Signed:

MODIFIED VERSION of

Exhibit K – Amendment to Owner-Engineer Agreement.

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