

# Memorandum

To: Programs, Projects, and Operations Subcommittee  
From: Lori Ann Laster, Stormwater Management Engineer  
Date: March 3, 2025  
RE: Contract Amendment No.6 with HDR for WP4 Project

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In May 2017, the Board selected HDR Engineering, Inc. (HDR) for the preliminary design of West Papillion Regional Basin Number 4 (WP4), Dam Site 19 (DS19), and Dam Site 12 (DS12) Projects. Preliminary design was completed in 2018. The contract has since been amended to provide final design, design adjustments, bidding services, and construction administration services.

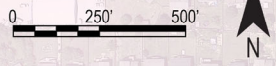
Construction of WP4 began in March 2023 and was originally scheduled to be completed September 1, 2024. A contract extension was granted to General Excavating in August 2024 with a revised completion date of November 20, 2024. General Excavating was not able to complete the work before that date and weather conditions required a shutdown over the winter months. As the District's Project Representative for construction, HDR's contract will need to be amended to allow for the additional time required to complete the project this spring. Liquidated damages will be assessed to General Excavating to cover most of the additional cost.

The proposed amendment, cost estimate and schedule are attached. HDR will provide professional services on an hourly basis not to exceed the amount of \$118,026 bringing the total contract amount to \$3,995,052

**Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute Amendment #6 with HDR Engineering, Inc. for Professional Engineering Services for modifications to the Final Design of the WP4 Project in an amount not to exceed \$118,026 (one hundred eighteen thousand twenty six), bringing the total contract amount to \$3,995,052 (three million nine hundred ninety five thousand fifty two) subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**



- |                                       |                               |
|---------------------------------------|-------------------------------|
| 1 15-acre Lake                        | 8. Pedestrian Bridge          |
| 2 65-acres of Parkland                | 9. Main Dam                   |
| 3 1.3 Miles of Hiking & Biking Trails | 10. Future Schram RD.         |
| 4 Fishing Nodes                       | 11. Access Area               |
| 5 ADA Kayak/Canoe Launch              | 12. West Water Quality Basin  |
| 6 Picnic Area                         | 13. North Water Quality Basin |
| 7 Restroom                            | 14. Maintenance Road          |





This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated May 22, 2017.

**AMENDMENT TO OWNER-ENGINEER AGREEMENT  
Amendment No. 6**

The Effective Date of this Amendment is: \_\_\_\_\_, 2024.

Background Data

Effective Date of Owner-Engineer Agreement: May 22, 2017

Owner: Pappio-Missouri River Natural Resources District (P-MRNRD)

Engineer: HDR Engineering, Inc. (HDR)

Project: Preliminary Design of Dam Site 12, Dam Site 19, and Regional Detention Basin WP-4.

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:

- a. Modify Article 7 – Definitions, 7.01.A.24 Maximum Amount. Remove “three million, eight hundred seventy-seven thousand twenty-six dollars (\$3,877,026.00).” and replace with “three million, nine hundred ninety-five thousand fifty-two dollars (\$3,995,052.00).”
- b. The Scope of Services currently authorized to be performed by Engineer in accordance with the Agreement and previous amendments, if any, is modified as follows:
  - 1) Exhibit A, “Engineer’s Services”, shall be amended to include Exhibit A-6, Engineer’s Services for Amendment No. 6 and Attachment 1 to Exhibit A-6.
  - 2) Exhibit C, “Payments to Engineer for Services and Reimbursable Expenses” shall be amended to include Appendix 2 to Exhibit C-6.

Agreement Summary:

Original agreement amount:	\$ 2,043,823
Dam Site 12	\$707,140
Dam Site 19	\$717,403
Basin WP-4	\$619,280
Net contract change for Amendment No. 1:	\$ 1,434,813
WP-4 Phases II and III Services:	\$ 1,498,745
WP-4 Credit for Remaining Phase I Services:	-\$ 63,932
Amendment No. 2:	
Phase II Services:	\$ 68,972
Amendment No. 3:	
Phase II Services:	\$ 51,346
Amendment No. 4:	
Phase II Services:	\$ 64,872
Amendment No. 5:	
Phase III Services:	\$ 213,200
Amendment No. 6:	
Phase III Services:	<u>\$ 118,026</u>
Adjusted Agreement amount:	\$ 3,995,052

Change in time for services (days or date, as applicable): October 1, 2024 to June 30, 2025

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibits C, C-1, C-2, C-3, C-4, C-5 and C-6.

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:

Papio-Missouri River Natural Resources District

HDR Engineering, Inc.

By: \_\_\_\_\_

By: \_\_\_\_\_

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Print

Name: John Winkler

Name: Ann Williams, P.E.

Title: General Manager

Title: Senior Vice President

Date Signed: \_\_\_\_\_

Date Signed: \_\_\_\_\_

## AMENDMENT NO. 6

### Engineer's Services for Amendment No. 6

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**Papio-Missouri River Natural Resources District  
Final Design and Construction Services for WP-4  
Papillion Creek Watershed, Sarpy County, NE**



### ENGINEERING PROPOSAL

#### BACKGROUND AND BASIS OF PROPOSAL

This Scope of Services is to document professional services to the P-MRNRD for a final design and construction of regional detention basin WP-4 (Project). The scope includes Phase III – Construction Management Services.

The purpose of Amendment No. 6 is to modify the existing Agreement to reflect additional time and effort related to Construction Phase activities.

#### Final Design and Construction Phases

Amendment No. 6 addresses modifications to the following task series included in Phase III:

- Task Series 1200 – Construction Management
- Task Series 1300 – Construction Contract Administrative Services

The original scoped duration of construction phase professional services was 14 months, which anticipated an additional 3 month Winter shutdown. Amendment 5 revised the duration of construction to 17 months, from approximately March 1, 2023 through September 2024 with two weeks of Winter shutdown. The contractor remained on site through December 23, 2024 and will remobilize in the Spring of 2025 to finish construction. This Amendment revises the duration of construction services from October 1 2024 through an expected project completion by June 30, 2025. Based on coordination between P-MRNRD, HDR, and the contractor, an additional 10-weeks of construction is anticipated in Spring 2025.

#### TASK SERIES 1200 – CONSTRUCTION MANAGEMENT

Modify:

##### **Task 1210 Project Management**

- Project management tasks related to the extended construction timeline of October 2024 through June 2025.

#### TASK SERIES 1300 – CONSTRUCTION CONTRACT ADMINISTRATIVE SERVICES

Modify:

##### **Task 1310.1 Records and Reports Documentation**

- Full-time resident project representative (RPR) providing construction quality assurance for the Project for the period between October 1, 2024 and December 23, 2024 and part-time (24 hours per week) RPR for a period of 10 weeks in Spring 2025. The level of

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***MODIFIED VERSION of***

***February 2025***

Attachment 1 to Exhibit A-6 – Proposed Scope of Services for Amendment No. 6

construction observation effort included in this scope amendment equates to 800 hours (12 weeks in 2024 at 45 hours/week, 10 weeks in 2025 at 26 hours per week). Reasonable variations in work days and schedules are anticipated, but no protracted overtime, work stoppages or extended work schedules are assumed.

Modify:

**Task 1320.5 Construction Meetings**

- Additional construction and coordination meetings due to extended schedule, October 2024 through May 2025, 4 meetings assumed.

Modify:

**Task 1330.1 SWPPP Permit Compliance**

- Regular SWPPP inspection site visits and reporting over extended construction period, October 2024 through May 2025.

Fee Schedule

APPENDIX 2 PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT PHASE III: CONSTRUCTION CONTRACT ADMINISTRATION OF WP-4 AMENDMENT NO. 6 FEE ESTIMATE - FEBRUARY 2025																			
HDR Engineering, Inc. Estimated Hours/Costs															Subconsultants			Est. Total Cost	
TASKS	Project Manager	Specialist	Principal Staff	Senior Staff	Technical Staff	Tech Support	Admin/ Clerical	Total Hours	Total Labor Cost	Printing	Travel	Misc.	Total Expenses	Totals	JEO	Thiele Geotech	Total Sub-Consult.		
<b>TASK SERIES 1200 CONSTRUCTION MANAGEMENT</b>																			
Task 1210	Project Management (Oct. 2024 through June 2025)																		
	6			20			10	36	\$8,186				\$0	\$8,186	\$2,500		\$2,500	\$10,686	
	Estimated Task Hours Subtotal																		
	6	0	0	20	0	0	10	36											
	Estimated Task Cost Subtotal																		
	\$1,806	\$0	\$0	\$4,980	\$0	\$0	\$1,400		\$8,186	\$0	\$0	\$0	\$0	\$8,186	\$2,500	\$0	\$2,500	\$10,686	
<b>TASK 1300 CONSTRUCTION CONTRACT ADMINISTRATIVE SERVICES</b>																			
Task 1310	Records and Reports																		
Subtask 1310.1	Records and Report Documentation																		
				16	260	540		816	\$90,804		\$ 2,500		\$2,500	\$93,304	\$500		\$500	\$93,804	
Task 1320	Construction Contract Support																		
Subtask 1320.5	Construction Meetings																		
				16	16			32	\$6,336		\$200		\$200	\$6,536	\$2,000		\$2,000	\$8,536	
Task 1330	Permit Compliance Support																		
Subtask 1330.1	SWPPP Compliance Monitoring																		
						50		50	\$4,500		\$500		\$500	\$5,000			\$0	\$5,000	
	Estimated Task Hours Subtotal																		
	0	0	0	32	276	590	0	898											
	Estimated Task Cost Subtotal																		
	\$0	\$0	\$0	\$7,968	\$40,572	\$53,100	\$0		\$101,640	\$0	\$3,200	\$0	\$3,200	\$104,840	\$2,500	\$0	\$2,500	\$107,340	
	TOTAL HOURS																		
	6	0	0	52	276	590	10	934											
	TOTAL COST (ROUNDED)																		
	\$ 1,806	\$ -	\$ -	\$ 12,948	\$ 40,572	\$ 53,100	\$ 1,400		\$ 109,826	\$ -	\$ 3,200	\$ -	\$ 3,200	\$ 113,026	\$ 5,000	\$ -	\$ 5,000	\$ 118,026	

MODIFIED VERSION of

Appendix 2 to Exhibit C-6 – Engineer’s Fee Estimate for Amendment No. 6



March 4, 2025

Troy Meyer, PE  
HDR  
1917 S. 67<sup>th</sup> Street  
Omaha, NE 68106

RE: Regional Detention Basin WP-4  
Gretna, NE  
JEO Project No. 160089.02

Dear Mr. Meyer,

JEO is requesting \$5,000 be added to Amendment #6 for our additional services on the Papillion Creek Watershed Proposed Regional Detention Basin WP-4 project. The main reasoning for the requested increase is due to the construction schedule being extended. We have assumed an additional 10-week duration of construction, requiring additional meetings, contractor inquiries, and general coordination. This relates to Task 1320 Construction Contract Support in our current agreement.

Please let me know if you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John G. Petersen', is written over a light blue horizontal line.

John G. Petersen, PE