




LOWER PLATTE SOUTH natural resources district

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Memorandum

Date: November 9, 2018
To: Board of Directors
From: David Potter, Assistant General Manager 
Subject: November 14, 2018 Platte River Subcommittee Meeting

The Platte River Subcommittee will meet on Wednesday, November 14th at 6:45 p.m. at the Lower Platte South NRD just prior to the Board meeting.

The only item on the agenda is the proposed agreement (Supplemental No. 4 to Task Order No. 6) with HDR on behalf of the Lower Platte River Corridor Alliance (LPRCA) for the completion of the LPRCA Water Quality Management Plan (WQMP). HDR was hired to develop and complete the WQMP. The original contract dates back to February 2013. The draft plan was finalized in October of 2014. Based on the needed NDEQ and EPA changes, HDR was approved a 3rd amendment to the management plan that addressed the methodology for identification of *E. coli* contributions and reductions, performed the calculations to determine the contributions and reduction potential, and reformulated the plans, goals and objectives, priorities, and the change in focus to *E. coli*, and also included document reorganization. One half of the cost of that amendment (Supplemental No. 3) was covered by the 319 grant and the other 50% was the responsibility of the LPRCA and billed equally to each of the three participating NRDs.

The revisions were made and the revised Plan was submitted to NDEQ and then to EPA for review in July 2018. During that review, EPA commented on the priority areas and indicated that additional information was needed. In that review, it was also noted that only the primary priority areas could be considered for Section 319 funded projects. Those listed as secondary would not be eligible. As a result, all three districts participating in the LPRCA WQMP suggested some changes to the priority areas based more on what is implementable. With the requested changes to the priority areas and the needed information identified by EPA, HDR submitted another proposed agreement to make the changes and complete the WQMP. A revised plan will then submitted to EPA with the changes highlighted in order to accelerate the review process. The plan will not be accepted without the priority specifications completed and future 319 funds for projects in the corridor will not be possible without the plan. Once completed, reviewed and authorized by EPA, the WQMP will be presented to the LPSNRD Board of Directors on behalf of the LPRCA for consideration. The cost of the project identified in the agreement is a lump sum fee of \$14,643 and the project shall be completed within 30 business days from notice-to-proceed. The Lower Platte River Corridor Alliance held a bi-annual meeting on October 24th and the members decided to utilize funds from the LPRCA Reserve to pay for the project completion, as specified in the agreement, without having to go back to the individual NRD's Board of Directors.

Staff recommends that the subcommittee recommend the Board of Directors approve the agreement with HDR for Supplemental No. 4 to Task Order No. 6 on behalf of the Lower Platte River Corridor Alliance in the amount of \$14,643 and payment of such plan revisions come from the LPRCA Reserve.



**Lower Platte River Corridor Alliance
Supplemental No. 4 to Task Order No. 6
Environmental Suitability Assessment for the
Lower Platte River Watershed – A Planning Resource for Natural Environments
Watershed Management Plan for the Lower Platte River**

ENGINEERING PROPOSAL

REFERENCED AGREEMENT

Task Order No. 6 pertains to an Agreement by and between The Lower Platte River Corridor Alliance (LPRCA) under the sponsorship of Lower Platte South Natural Resources District, ("OWNER") a State of Nebraska Political Subdivision, with principal offices at 3125 Portia St., Lincoln, NE 68501-3581, and HDR ENGINEERING, INC., ("HDR") a Nebraska corporation, with principal offices at 8404 Indian Hills Drive, Omaha, NE 68114-4049, dated December 21, 2004, ("the Agreement"). HDR shall perform services on the project described below as provided herein and in the Agreement. This Supplemental No. 4 to Task Order No. 6 shall not be binding until it has been properly signed by both parties. Upon execution, this Supplemental No. 4 to Task Order No. 6 shall supplement the Agreement as it pertains to the project described below.

PART 1.0 PROJECT DESCRIPTION:

STATEMENT AND OBJECTIVES

The purpose of Supplemental No. 4 Task Order No. 6 is revise the June 2018 version of the Water Quality Management Plan (Plan) to address U.S. Environmental Protection Agency (EPA) comments regarding additional best management practice identification and associated load reduction for priority watersheds and to address the LPRCA desire to change the Priority 1 watersheds identified in the Plan.

PART 2.0 SCOPE OF SERVICES:

Consistent with the Scope of Services, HDR proposes to provide the following professional services. Each task identified will be performed for the project.

TASK SERIES 100 – Plan Revisions

Task Objective: Revise the Plan to addressed revised Priority 1 Watersheds and associated estimated best management plan implementation, *E. coli* load reductions, and cost.

HDR Activities: Revise the Priority 1 areas to reflect the following:

- Lower Platte North NRD – Headwater Bone Creek, Headwater Skull Creek
- Lower Platte South NRD – Decker Creek, Eightmile Creek
- Papio-Missouri River NRD – Buffalo Creek, Turtle Creek, Zwiebel Creek-Platte River

Rational for the selection of these Priority 1 areas will be written with comment provided by the LPRCA.

For the Priority 1 Watersheds, an estimation of the anticipated best management practices in similar distribution to existing estimates provided in the Plan will be performed to determine the estimated load reduction. Costs for these practices will be determined using existing information as supplied by LPRCA.

The following sections of the Plan will require revisions

- Table of Contents
- Executive Summary – Plan Formulation, Management Measures, Implementation Schedule, Figures/Tables
- Section 2 – Watershed Characterization – Figure 13 – *E. coli* distribution
- Section 4 – Management Practices and Load Reductions, Prioritization of Watersheds for Management Measure Implementation, Text, Tables, Figures, Priority 1 watershed BMPs and associated load reductions
- Section 5 – Management Plan Implementation, Text and table, cost of implementation including Priority Area 1 cost development

Task Deliverables: The following deliverables will be provided:

- Draft text regarding Priority Area 1 identification rationale (also provided to NDEQ)
- Draft Matrix of Priority 1 Best Management Practice distribution and cost (also provided to NDEQ)
- Draft Revised Plan (also provided to NDEQ)
- Final Revised Plan for NDEQ review and distribution to EPA.

Meetings: None anticipated.

Key Understandings: The following key understandings and assumptions are associated with this Task:

- LPRCA to provide best management practice costs on a per/acre basis
- It is assumed that once revisions are submitted, no additional EPA or NDEQ edits would be required.

PART 3.0 OWNER'S RESPONSIBILITIES:

In addition to those items identified in all Task Series above, Owner responsibilities will include coordination of reviews and funding elements with EPA and NDEQ.

PART 4.0 PERIODS OF SERVICE:

HDR proposes to implement this Project within the following schedule:

<u>Activity</u>	<u>Duration to Completion (from Notice-To-Proceed)</u>
Task 100*	30 business days

**Completion dependent upon timely reviews and receipt of information as identified from LPRCA*



PART 5.0 PROFESSIONAL SERVICES FEE:

Professional services fee to complete the Services as outlined in Part 2.0 is a lump sum fee of \$14,643. The following provides the staff hour tabulation for Task 100.

TASK	Proj. Man.	Sr. Env. Sci	Sr Water Resources Specialist	GIS Technician	Administrative	In-Design Specialist	Tech Edit	Total
Task 100 WQMP Revisions	8	32	4	16	4	32	6	104

Lump Sum shall mean a fixed amount, which shall be the total compensation, agreed upon in advance for Scope of Services. Monthly invoices will be submitted based on the percent complete as determined by the engineer.

PROPOSAL ACCEPTANCE

IN WITNESS WHEREOF, the parties hereto have executed this Task Order as of this ____ day of _____, 20____.

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT

HDR ENGINEERING, INC.

Name: _____

Name: _____

By: Paul Zillig

By: Matthew Tondl, PE

Title: General Manager

Title: Senior Vice President

Date Signed: _____

Date Signed: _____

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