



Memo to: Board of Directors

From: Chuck Etwert

Subject: Program Status Report for April 2023

Date: April 19, 2023

## **500-Year Authorized Level Status**

### Wood River Levee System

Bid Package 8 is under construction (by USACE). The intergovernmental and utility coordination agreements with the Village of Roxanna have been executed and the utility relocation work is now underway. At the May 2023 FPD Council meeting, WSP will present a contract modification for work associated with Bid Package 8 construction oversight that occurred at the end of 2022, for the ongoing utility relocation effort, and for any future construction involvement requested for Bid Package 8.

Despite the Corps of Engineers issuing their Engineering Documentation Report (EDR) for Bid Package 9, which allows the seepage berm solution to be constructed in lieu of the relief well and pump station solution that was originally envisioned, additional time is necessary before the FPD Council can begin Work-in-Kind (WIK) design and construction work. Although the EDR is complete, an amendment to the Integral Determination Report (IDR), which is the document that spells out what portions of work will be eligible for WIK credit, is still needed.

The IDR is largely a formality at this point and expected to take about 3-4 months to be completed. Before USACE will initiate the IDR amendment process, they will need to have their Total Project Cost certified, which is undergoing review by the government's Change Control Board (CCB) later this month, as we understand. After the IDR is amended, the final step in the process is to amend our Project Partnership Agreement (PPA), which is another formality expected to take a few months. As a reminder, Bid Package 9 is a relatively small project consisting of a single seepage berm and detention pond near Canal Road and IL-111 South Roxanna.

Below is a concise summary of the Bid Package 9 history and additional steps needed before the FPD Council can begin Bid Package 9 design work as a work-in-kind eligible expense:

*Bid Package 9 Timeline:*

- Spring 2020: FPD Council approached Village of Roxanna about obtaining easement for USACE-designed relief well/pump station solution to levee underseepage.
- Spring 2020 to fall 2021: Numerous meetings among Village of Roxanna, USACE, WSP, and Wood River Drainage and Levee District.
- Sep. 17, 2021: Village of Roxanna and Wood River Drainage and Levee District enter into intergovernmental agreement for Village to provide land needed if a seepage berm is constructed.
- Nov. 22, 2021: FPD Council sends letter requesting permission to design & construct Bid Package 9 as Work-In-Kind.
- Feb. 13, 2023: USACE issues Engineering Documentation Report (EDR) for Bid Package 9.
- May 2023: Anticipated date the Total Project Cost (TPC) will be approved by USACE.
- Aug./Sep. 2023: Anticipated date the Integral Determination Report (IDR) will be approved by USACE.
- Oct./Nov. 2023: Anticipated date the Project Partnership Agreement (PPA) will be approved by USACE.
- Dec. 2023: Anticipated date that design work for Bid Package 9 will begin (and design/construction schedule updated accordingly).

As the timeline reflects, the Corps' review and approval process is very lengthy. The Council's construction estimate of \$2,400,000 is approximately sixty percent less than the Corps' estimate.

Relief Well Package 2 land acquisition coordination with landowners, USACE, and stakeholders is ongoing.

Relief Well Package 3 land acquisition continues with completion anticipated in mid-2023.

WSP submitted a revised WIK Request No. 2 on January 13, 2023, which addressed the USACE comments to the prior submittal. WIK Request No. 2 submittal is for \$1,980,961.47.

On October 17, 2022, USACE has approved our first LERRDs submittal in the amount of \$696,876.85.

Work In-Kind credit of \$16,041,496 has been approved to date for the Wood River Levee System.

MESD Levee System

Construction on Bid Package 11 is ongoing. The major item under construction right now is the improvements to the G.C.E.D. #1X pumping station in Granite City. The contractor has performed the necessary excavation, installed sheet piling for safety and excavation stability, and has begun the concrete rebar work necessary to make the modifications as designed.

Land acquisition from Terminal Railroad Association (TRRA) is still ongoing; once complete, the FPD Council anticipates turning Bid Package 14B over to USACE to complete design and construction.

The USACE has informed us that Bid Package #14C is no longer required for the authorized level of protection, therefore, the land acquisition previously indicated is no longer needed. Prior to this notification, WSP had completed all sampling and material testing of the dredged material from America's Central Port/Baxmeyer Construction for use on Bid Package #14C. The laboratory results indicated the material does not meet the project specifications for seepage berm material but may be of use to USACE on their Bid Package 12, Phase II.

USACE informed us this week that their review of the Bid Package 18A relief well flow study submitted by WSP in June 2022 is complete and they agree that improvements to the pumping station capacity in Cahokia Heights is necessary to maintain the authorized level of protection. Since this is relatively recent news, additional details about the path forward for this project will be presented at the May meeting. Preliminary estimated construction cost is \$8,800,000.

On February 2<sup>nd</sup>, USACE issued a letter approving \$1,261,422.83 of LERRDs credit, with comments regarding other LERRDs expenses. WSP is working with land acquisition partners to address the remaining LERRDs comments. The total LERRDs amount requested for credit was \$1,733,030.54.

Work In-Kind Credit Requests #3, #4, #5 & #6 submitted to USACE total \$12,023,679.85

Work In-Kind credit of \$12,415,405.70 has been approved to date for the MESD Levee System.

#### Prairie Du Pont/Fish Lake Levee Systems

WSP is currently working on the next design submittal for Bid Package 15, which is anticipated to be submitted to USACE this summer. Bid Package 15 is primarily relief well and conveyance construction, with a new pump station in the northern elbow of the Prairie du Pont levee segment.

Design for Bid Package 16 and 17 has also begun and is in the preliminary phase.

Since WSP wasn't able to take advantage of the permitting that USACE had already completed for the PDP/FL project, WSP prepared a new Draft Environmental Assessment (EA) and submitted it to USACE on March 29. Additionally, coordination with the Illinois EPA has

begun and there is a conference call scheduled for April 25 to discuss the project with the agency and discuss the most direct path to approval

Attached is WSP's Monthly Construction Progress Report.