

October 5, 2018

Mike Onnen  
Little Blue Natural Resources District  
P.O. Box 100  
Davenport, NE 68335

RE: **Little Blue NRD Instream Weir Recharge Project**  
Project Bidding Analysis Memo

EA Engineering, Science, and Technology, Inc., PBC (EA) is pleased to submit this letter report summarizing the construction bids and options moving forward for the Little Blue NRD Instream Weir Recharge Project.

The Project was initially put out for bid in May 2018. The NRD put an ad in the local paper to solicit bids and EA sent the bid documents to a handful of construction companies. The only bid received was from Midlands Contracting of Kearney. The bid was for \$312,928.04; \$146,778 more than the engineer's cost estimate. It was decided to re-bid the project. Before re-bidding the project, the bid package was revised to extend the construction completion deadline and to allow the potential contractors the option of replacing the concrete walls in the design with sheet pile walls. This time the NRD put an ad in the local paper to solicit bids and the bid package was sent to the following 36 companies' email addresses:

- [ross@rushcreekconstruction.com](mailto:ross@rushcreekconstruction.com)
- [tjosborn@neb.rr.com](mailto:tjosborn@neb.rr.com)
- [penny@neuvirth.com](mailto:penny@neuvirth.com)
- [derek@hrbookstrom.com](mailto:derek@hrbookstrom.com)
- [andydirtmover@netscape.net](mailto:andydirtmover@netscape.net)
- [ashurigar@yahoo.com](mailto:ashurigar@yahoo.com)
- [chuck@lottcard.com](mailto:chuck@lottcard.com)
- [dostgren@gmail.com](mailto:dostgren@gmail.com)
- [dozerdan@jbntelco.com](mailto:dozerdan@jbntelco.com)
- [dozerdave@hotmail.com](mailto:dozerdave@hotmail.com)
- [excavate@windstream.net](mailto:excavate@windstream.net)
- [ge68361@hotmail.com](mailto:ge68361@hotmail.com)
- [jdgreen@diodecom.net](mailto:jdgreen@diodecom.net)
- [jim@vkbros.net](mailto:jim@vkbros.net)
- [kerry@hookerbrothers.com](mailto:kerry@hookerbrothers.com)
- [la44711@windstream.net](mailto:la44711@windstream.net)
- [lp13035@windstream.net](mailto:lp13035@windstream.net)
- [mcbridelori311@yahoo.com](mailto:mcbridelori311@yahoo.com)
- [mgnelson@hamilton.net](mailto:mgnelson@hamilton.net)
- [mstromer@gtmc.net](mailto:mstromer@gtmc.net)
- [utschinc@hotmail.com](mailto:utschinc@hotmail.com)
- [randy@diodecom.net](mailto:randy@diodecom.net)
- [randygyhra@yahoo.com](mailto:randygyhra@yahoo.com)
- [rjjuenemancon@bluevalley.net](mailto:rjjuenemancon@bluevalley.net)
- [scottnstacy@windstream.net](mailto:scottnstacy@windstream.net)
- [selmike@windstream.net](mailto:selmike@windstream.net)
- [shurigar@gtmc.net](mailto:shurigar@gtmc.net)
- [slepickaconstruction@gmail.com](mailto:slepickaconstruction@gmail.com)
- [statelinedig@diodecom.net](mailto:statelinedig@diodecom.net)
- [tcpoutre@gmail.com](mailto:tcpoutre@gmail.com)
- [tomalicefort@gmail.com](mailto:tomalicefort@gmail.com)
- [trehtus@gtmc.net](mailto:trehtus@gtmc.net)
- [weicksfrog@aol.com](mailto:weicksfrog@aol.com)
- [todd\\_yost@hotmail.com](mailto:todd_yost@hotmail.com)
- [shane@midlandscontracting.com](mailto:shane@midlandscontracting.com)
- [Mel@vkbros.net](mailto:Mel@vkbros.net)

The only bid received this time was another identical bid from Midlands Contracting. At this point, we worked with Yost Excavating and Shurigar Contracting to get a bid for the project. Yost Excavating provided a bid of \$199,205.20 and Shurigar Contracting has yet to provide a bid. Shurigar Contracting has recently expressed that they are still interested in the project but they have not been able to find a concrete subcontractor that has time to complete the project.

A breakdown of the project costs presented in the funding application is shown in the tables below:

WSF Funding Application Project Costs			
	Total	NRD	WSF
Engineering, Legal, & Land Rights	\$108,500	\$43,400	\$65,100
Construction	\$158,319	\$63,327	\$94,992
Totals	\$266,819	\$106,727	\$160,092

*This cost does not include costs following construction such as monitoring, assessment, outreach, and O&M.*

A breakdown of the actual engineering, legal and land rights costs with the Yost Excavating bid for construction cost is shown in the tables below:

Actual Costs with Yost Excavating Bid			
	Total	NRD	WSF
Engineering, Legal, & Land Rights	\$89,743	\$24,643	\$65,100
Construction	\$199,205	\$104,213	\$94,992
Totals	\$288,948	\$128,856	\$160,092

The NRD will have an additional \$22,129 of expenses with the Yost Excavating bid as it is. EA proposes the following options for the NRD to move forward:

- Award the project to Yost Excavating with their current bid and incur an additional \$22,129 compared to the budget.
- Wait for Shurigar Contracting to submit a bid to see if it is lower than Yost Excavating bid.
- Send the bid package to additional contractors. EA asked an employee at the Platte River Recovery Implementation Program about contractors that they use in the area and they provided a list of contractors. Two of the contractors listed were not on the original contractor list: Harders Dozer & Scraper and Cook Construction.
- Award the project to Yost Excavating, but remove the sheetpiling wall from Site 2 and Site 3. With calculated flow velocities, the rip rap should stay in place without sheetpiling, but the sheetpiling wall provides a hard point to reinforce the small rip rap dams and decreases the

chance of a structure failing. Since these are pilot projects, the structures could be monitored to help make a decision regarding using a reinforcement wall in future projects. The revised cost table is below.

Actual Costs with Revised Yost Excavating Bid			
	Total	NRD	WSF
Engineering, Legal, & Land Rights	\$89,743	\$24,643	\$65,100
Construction	\$176,927	\$81,935	\$94,992
Totals	\$266,670	\$106,578	\$160,092

With this option the NRD's cost would be as planned in the funding application.

If you have any questions or would need additional information, please do not hesitate to call me at (402) 476-3766.

Sincerely,



Robb Lutz, P.E.  
Project Manager