



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, October 18, 2023

Agenda Item

Item 6. D. – Dredge Management

Prepared By

Linda Loomis, Administrator

Summary

i. Dredging at the mouth of the MN River

The LMRWD received notice from the US Army Corps of Engineers that dredging at the mouth of the Minnesota River would begin October 2, 2023. The MOA has been received from Division, but will be sent to the LMRWD once it has been signed. The Order to Dredge and Dredge Notice 23-43 is attached for the Board's Information.

ii. Sale of Dredge Material

No new information has been received on this agenda item, since the last update.

iii. Private Dredge Material Placement

A check has been received by CHS, Inc. Cargill was notified a second time, but no response has been received. LS Marine will be contacted to check to see how they submit invoices to Cargill.

iv. Vernon Avenue reconstruction and culvert replacement project

A Joint Application for WCA was submitted to the US Army Corps of Engineers (USACE) on October 3, 2023. The initial response from the USACE was that a permit shouldn't be necessary, as they consider this a maintenance project for one of their sites. ISG, on behalf of the LMRWD, has asked for confirmation of this decision in writing.

An application for the project was submitted to the DNR. The DNR confirmed receipt of the application, October 13, 2023.

The Phase II historical evaluation of the area is still in progress.

90% design of the project by Bolton & Menk was completed and reviewed by the City of Savage. The City requested two-foot shoulders be added to the roadway. A compromise was reached to reduce the width of the bituminous and to add a 1.75-foot shoulder. Bolton & Menk completed the 100% design, which is being reviewed by the LMRWD and the City of Savage.

Attachments

- Order to Dredge dated September 28, 2023
- Dredge Notice 23-43

Recommended Action

No action recommended

ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. W912ES19D0006		2. DELIVERY ORDER/ CALL NO. W912ES23F0124		3. DATE OF ORDER/ CALL (YYYYMMDD) 2023 Sep 28		4. REQ./ PURCH. REQUEST NO. W81G6732653214		5. PRIORITY	
6. ISSUED BY CONTRACTING DIVISION USACE - ST PAUL 180 FIFTH STREET EAST SUITE 700 SAINT PAUL MN 55101-1678				7. ADMINISTERED BY (if other than 6) EASTERN AREA ENGINEER OFFICE USACE - EASTERN AREA OFF 902 E 2ND ST STE 302 WINONA MN 55987-4649		8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)			
9. CONTRACTOR L S MARINE INC NAME TAYLOR LUKE AND 6010 CONCORD BLVD ADDRESS INVER GROVE HEIGHTS MN 55076-1806		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input checked="" type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED		12. DISCOUNT TERMS			
13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15									
14. SHIP TO CHANNELS & HARBORS PROJ OFC DANIEL COTTRELL 431 NORTH SHORE DRIVE FOUNTAIN CITY WI 54629-0397			15. PAYMENT WILL BE MADE BY USACE FINANCE CENTER ST. PAUL DISTRICT (B6) 5722 INTEGRITY DRIVE MILLINGTON TN 38054-5005			MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.			
16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.						
	PURCHASE	<input type="checkbox"/>	Reference your quote dated Furnish the following on terms specified herein. REF:						
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.									
NAME OF CONTRACTOR		SIGNATURE		TYPED NAME AND TITLE		DATE SIGNED (YYYYMMDD)			
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:									
17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE									
See Schedule									
18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES			20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT		
SEE SCHEDULE									
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.		24. UNITED STATES OF AMERICA TEL: 651-290-5444 EMAIL: jesse.l.onkka@usace.army.mil BY: JESSE L ONKKA		 CONTRACTING / ORDERING OFFICER		25. TOTAL	\$409,832.00		
27a. QUANTITY IN COLUMN 20 HAS BEEN		<input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED							
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE				
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE				28. SHIP NO.	29. DO VOUCHER NO.	30. INITIALS			
f. TELEPHONE NUMBER		g. E-MAIL ADDRESS		<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY	33. AMOUNT VERIFIED CORRECT FOR			
36. I certify this account is correct and proper for payment.				31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. CHECK NUMBER				
a. DATE (YYYYMMDD)	b. SIGNATURE AND TITLE OF CERTIFYING OFFICER			35. BILL OF LADING NO.					
37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	42. S/R VOUCHER NO.				

Section SF 30 - BLOCK 14 CONTINUATION PAGE

SCOPE OF WORK

Plant 2 Dredging at Mouth of MN River (DO 0130)

NOTES:

1. The contractor is to mobilize the Second Plant to Mouth of MN River, approximate Minnesota River mile 0.8 and begin dredging/excavation. Material shall be placed at the Cargill East River Placement Site MN-14.1-RMP.
2. The Contractor shall be provided detailed channel drawings at the dredge location prior to commencing dredging.
3. The Contractor shall proceed with work no later than 29 September 2023 and complete the work no later than 19 October 2023.
4. All work performed on this task order is within the scope of work provided in the contract documents.
5. Pursuant to the contract clause entitled "Adjustment to Fuel Price (AFP)", the affected contract line item prices have been adjusted based upon the Current Fuel Index (CFI) as published by the Energy Information Administration (EIA) in effect on September 1, 2023.

CUT 1 (120 x 1600) 15,717 CY @ 12'

CUT 2 (60 x 825) 3,417 CY @ 12'

ACCESS CUT (35 x 150) 46 CY @ 7'

TOTAL MATERIAL TO PROJECT DEPTH: 16,517 CY

TOTAL ALLOWABLE OVERDEPTH: 2,663 CY

TOTAL PAY PLACE: 19,180 CY

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4015		19,180	Cubic Yard	\$10.30	\$197,554.00
EXERCISED OPTION	Dredging FFP Dredging - Plant 2: Option Year 4 (Reference Technical Specification General Requirements Section 01 22 00.00 13 Part 1.6) FOB: Destination PURCHASE REQUEST NUMBER: W81G6732653214 PSC CD: Z2PZ				
					NET AMT
					\$197,554.00
ACRN AA					\$197,554.00
CIN: W81G67326532140001					

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4016		76,536	Cubic Yard	\$1.39	\$106,385.04
EXERCISED OPTION	Transport Material 4-8 River Miles FFP Transportation of Dredge Material 4-8 River Miles - Plant 2: Option Year 4 (Reference Technical Specification General Requirements Section 01 22 00.00 13 Part 1.7) Pricing is for one (1) cubic yard for each one (1) mile. FOB: Destination PURCHASE REQUEST NUMBER: W81G6732653214 PSC CD: Z2PZ				
					NET AMT
					\$106,385.04
ACRN AA					\$106,385.04
CIN: W81G67326532140002					

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4017		101,410	Cubic Yard	\$0.45	\$45,634.50

EXERCISED OPTION Transport Material over 8 River Miles
FFP
Transportation of Dredge Material Over 8 River Miles - Plant 2: Option Year 4
(Reference Technical Specification General Requirements Section 01 22 00.00 13
Part 1.8) Pricing is for one (1) cubic yard for each one (1) mile.
FOB: Destination
PURCHASE REQUEST NUMBER: W81G6732653214
PSC CD: Z2PZ

NET AMT	\$45,634.50
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ACRN AA	\$45,634.50
CIN: W81G67326532140003	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4018		50.40	Miles	\$206.16	\$10,390.46

EXERCISED OPTION Transport of Plant Between Dredge Sites
FFP
Transportation of Plant Between Dredge Sites - Plant 2: Option Year 4 (Reference
Technical Specification General Requirements Section 01 22 00.00 13 Part 1.9)
FOB: Destination
PURCHASE REQUEST NUMBER: W81G6732653214
PSC CD: Z2PZ

NET AMT	\$10,390.46
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ACRN AA	\$10,390.46
CIN: W81G67326532140004	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4020		19,180	Cubic Yard	\$2.60	\$49,868.00

EXERCISED OPTION Overland Transport - 0.5 Mile
 FFP
 Overland Transportation of Dredged Material Up To And Including 0.5 Miles At
 Placement Sites With Special Consideration - Plant 2: Option Year 4 (Reference
 Technical Specification General Requirements Section 01 22 00.00 13 Part 1.11)
 FOB: Destination
 PURCHASE REQUEST NUMBER: W81G6732653214
 PSC CD: Z2PZ

NET AMT	\$49,868.00
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ACRN AA	\$49,868.00
CIN: W81G67326532140005	

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
4015	POP 29-SEP-2023 TO 19-OCT-2023	N/A	CHANNELS & HARBORS PROJ OFC DANIEL COTTRELL 431 NORTH SHORE DRIVE FOUNTAIN CITY WI 54629-0397 651-290-5155 FOB: Destination	965605
4016	POP 29-SEP-2023 TO 19-OCT-2023	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	965605
4017	POP 29-SEP-2023 TO 19-OCT-2023	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	965605
4018	POP 29-SEP-2023 TO 19-OCT-2023	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	965605
4020	POP 29-SEP-2023 TO 19-OCT-2023	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	965605

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 96X31230000 32306KK25H011310 NA 96215
AMOUNT: \$409,832.00

ACRN	CLIN/SLIN	CIN	AMOUNT
AA	4015	W81G67326532140001	\$197,554.00
	4016	W81G67326532140002	\$106,385.04
	4017	W81G67326532140003	\$45,634.50
	4018	W81G67326532140004	\$10,390.46
	4020	W81G67326532140005	\$49,868.00

DN 23-43

DREDGING NOTICE
U.S. ARMY CORPS OF ENGINEERS
ST. PAUL DISTRICT

NOTICE DATE: September 29 th , 2023	DREDGING CATEGORY: Imminent
MEETING DATE: If requested	MEETING TIME:
BOAT REQUIREMENT:	MEETING LOCATION:
<hr/>	
DREDGE CUT NAME: Mouth of the MN River	RIVER MILE: MN River 0.6 – 1.0

HISTORIC DATA

Frequency: 4 %	Avg. Quantity/Job: 16,117 yd ³
Last Date Dredged: November 15 th , 1993	Avg. Quantity/Year: 608 yd ³

SURVEY DATA

Date Surveyed: September 21st, 2023
Water Surface Elevation: 686.8
Low Control Pool Elevation: 686.8
Net Difference: +0.0'
5 Day River Forecast: holding steady

DREDGING DATA

Recommended Channel Width: 100 feet
Recommended Dredging Depth: 12 feet
Estimated Quantity: 19,134 yd³ plus 46 yd³ for placement site access
Type of Dredge: Contract Mechanical Plant 2
Proposed Dredging Date: October 2nd, 2023
Estimated Duration: 10 dredging days
Justification for Dredging: The navigation channel is reduced to 155' between the 9.0' contours and closed between the 10.5' contours.

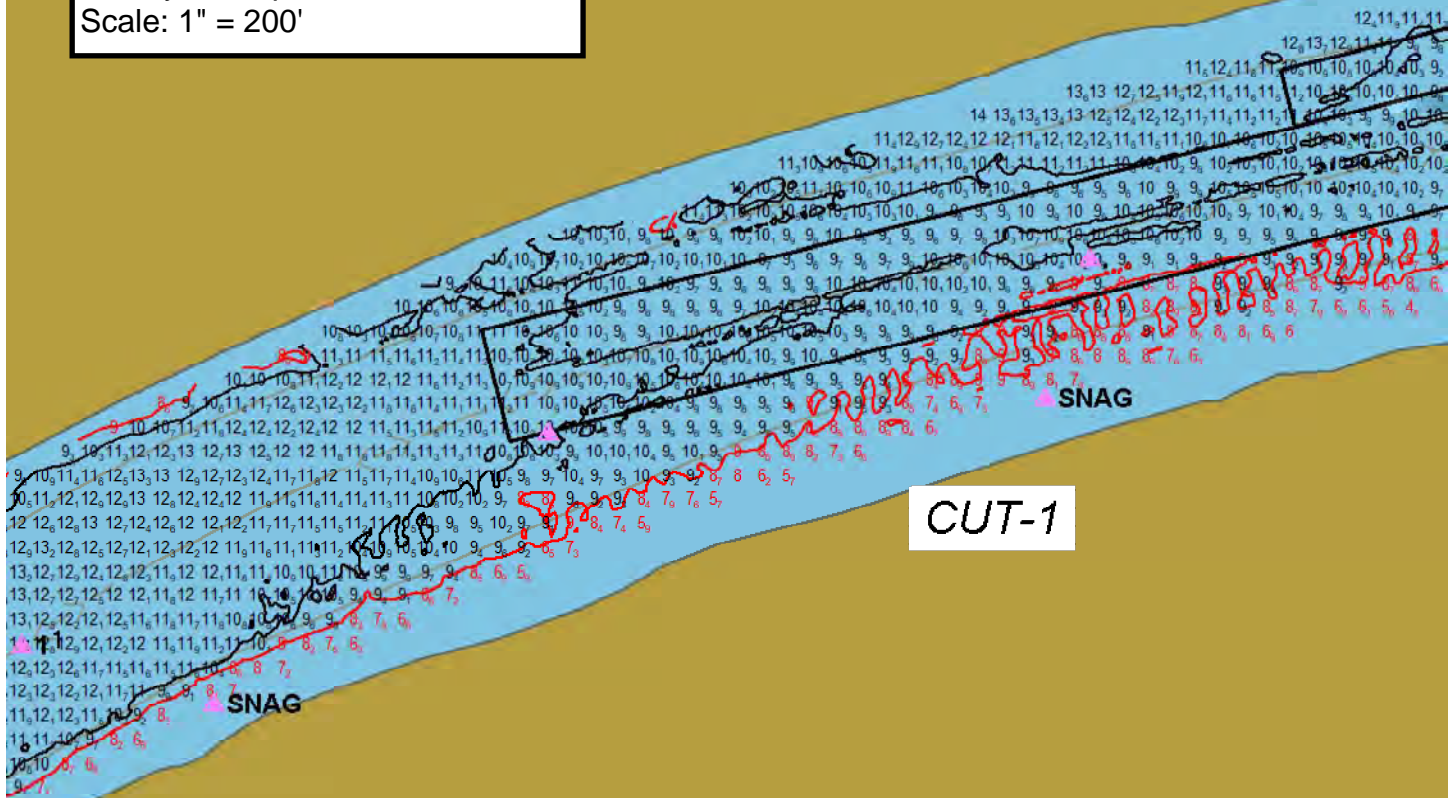
MATERIAL PLACEMENT DATA

Proposed Placement Site: Cargill East River
Location: MN-14.1-RMP
Site Characteristics: This is an upland beneficial use stockpile site provided to the Corps by the Lower MN River Watershed District.

If you have any questions concerning this project or want to request an on-site meeting please call me at (651) 290-5155.

Dan Cottrell
Dredging Manager

MN River, Mouth of the MN River
River Mile: 0.6 - 1.0
Surveyed: September 21st, 2023
Scale: 1" = 200'



CUT-1

+

CUT-2

