

METRO FLOOD DIVERSION AUTHORITY

Thursday, October 25, 2018

3:30 PM

Fargo City Commission Chambers

Fargo City Hall

200 3rd Street North

1. Call to order
2. Approve minutes from previous meetings Item 2. Action
3. Approve order of agenda Action
4. Management Information
 - a. PMC report
 - b. Corps of Engineers update
5. Administrative/Legal Information
6. Public Outreach Information
 - a. Committee report
 - b. Business Leaders Task Force update
7. Land Management Information/action
 - a. Committee report
8. Finance Information/action
 - a. Committee report Item 8a.
 - b. Voucher approval Item 8b.
 - c. Recommended contracting actions
9. Other Business
10. Next Meeting – November 15, 2018
11. Adjournment

cc: Local Media

**METRO FLOOD DIVERSION AUTHORITY
SEPTEMBER 27, 2018—3:30 PM**

1. MEETING TO ORDER

A meeting of the Metro Flood Diversion Authority was held Thursday, September 27, 2018, at 3:30 PM in the Fargo City Commission Room with the following members present: Moorhead City Mayor Del Rae Williams; Moorhead City Council Member Chuck Hendrickson; Moorhead City Council Member Joel Paulsen; Clay County Commissioner Kevin Campbell; Clay County Commissioner Grant Weyland; Fargo City Mayor Tim Mahoney; Fargo City Commissioner Dave Piepkorn; Fargo City Commissioner Tony Grindberg; Cass County Commissioner Chad Peterson; Cass County Commissioner Rick Steen; and West Fargo City Commissioner Mike Thorstad. Cass County Commissioner Mary Scherling; and Cass County Joint Water Resource District Manager Rodger Olson were absent. Tom Dawson, Chair of the Chamber Business Leaders Task Force, was also present.

2. MINUTES APPROVED

MOTION, passed

Mr. Weyland moved and Mr. Piepkorn seconded to approve the minutes from the meeting held August 23, 2018, as presented. Motion carried.

3. AGENDA ORDER

Ms. Williams said Attorney John Shockley would like to give an update on Task Orders.

MOTION, passed

Mr. Campbell moved and Mr. Paulsen seconded to approve the order of the agenda as amended. Motion carried.

4. MANAGEMENT UPDATE

Martin Nicholson from Jacobs provided an update on activities over the last month, which include continued support to the Corps of Engineers and MDNR to advance the Supplemental Environmental Assessment (SEA) and Supplemental Environmental Impact Statement (SEIS); continued work with the MDNR and other parties to advance the permit application review; follow-up on cost estimate workshops; and a legislative social following a flood protection tour.

Priorities for next month include to support the publication of the draft SEA and draft SEIS and prepare for public meetings on drafts; support and develop federal legislation related to the Water Infrastructure Finance and Innovation Act (WIFIA); begin work on the 2nd Street South closure and pump station project; support the completion of the first phase of the flowage easement valuation study; continue approved Oxbow construction work; and answer electoral candidate inquiries.

Mr. Nicholson said the project cost to date is \$438 million and \$28.5 million has been spent out of the FY2018 cash budget.

5. PUBLIC OUTREACH UPDATE

Business Leaders Task Force

Mr. Dawson said the task force met earlier this month and Rocky Schneider of AE2S provided an update. The task force will begin a letter writing campaign to MDNR in support of Plan B.

6. LAND MANAGEMENT

The Land Management Committee met on September 26th. Eric Dodds of AE2S was present to provide an update. The committee discussed how to proceed once land acquisitions are able to resume and how the overall process can be improved. An action plan is being drafted for outreach to property owners.

Work continues on the flowage easement study, and a final report is expected in October.

7. FINANCE UPDATE

Committee report

The Finance Committee met on September 26th. Mr. Grindberg provided a brief financial update on the overall program status. The statement of net position is \$76.8 million.

The committee discussed the possibility of the Diversion Authority engaging in a financial audit. The matter will be discussed further at the next committee meeting.

Mr. Grindberg said Mr. Shockley gave a P3 presentation at the ND Water Topics Overview Committee meeting held earlier this week that was very informative and very well received. It may be worthwhile to have Mr. Shockley give the presentation to the board as the information was very thorough and beneficial.

Mr. Mahoney arrived for the remainder of the meeting.

Voucher approval

The bills for the month are with Cass County Joint Water Resource District (CCJWRD) for costs associated with the Metro Flood Diversion, OHB levee, and in-town levees; Dorsey & Whitney for legal services; Ohnstad Twichell, P.C. for legal services; Cass County Government for dust control on County Highway 17 and gravel for the bypass; and Cougar Tree Care, Inc. for tree removal on the Park East lot.

MOTION, passed

Mr. Grindberg moved and Mr. Steen seconded to approve the vouchers received through September 21, 2018, in the amount of \$161,241.27. On roll call vote, the motion carried unanimously.

Recommended contracting actions

Mr. Nicholson reviewed task order amendments approved by the Co-Executive Directors totaling (-\$7,596,902.34).

Mr. Nicholson reviewed the following contracting actions:

- WP-42E (2nd Street South and Main Avenue Flood Mitigation)

Mr. Nicholson said it should be noted that two irregularities arose during the bidding process for this project, involving the mobilization bid percentage and a round-off calculation. The Technical Advisory Group (TAG) and legal team both reviewed the discrepancies and felt that they were immaterial.

This project involves the oldest lift station in Fargo and is the last of the federal in-town projects that were part of the original feasibility projects. The recommendation is to award the contract to Industrial Builders, Inc., as the lowest responsive bidder.

MOTION, passed

Mr. Grindberg moved and Mr. Steen seconded to waive the two minor bid irregularities and award the construction contract for WP-42E to Industrial Builders, Inc., in the amount of \$8,469,445.23 as the lowest responsive bidder. On roll call vote, the motion carried unanimously.

- Cass County road ditch work

Mr. Nicholson said this project involves removing a temporary approach by Oxbow and cleaning the ditch before winter. The recommendation is to award the contract to Naastad Brothers.

MOTION, passed

Mr. Mahoney moved and Mr. Grindberg seconded to award the contract for Cass 81 approach removal and Cass 17 ditch cleaning to Naastad Brothers, Inc., in the amount of \$30,856.40. On roll call vote, the motion carried unanimously.

8. TASK ORDER SYSTEM

Mr. Shockley said the Co-Executive Directors have decided that going forward there will be separate task orders for land acquisitions, P3 activities, and PMC activities. This will provide clarification on the costs involved for each separate activity.

9. OTHER BUSINESS***PMC Task Order extension***

Mr. Shockley said there will be a no-cost task order extension for the current PMC contract through January 31, 2019. A new PMC task order will be submitted if a permit is approved for the project.

Red River Basin Commission tour

Mr. Piepkorn said he was recently able to attend a half-day tour highlighting drain tile from the Red River Basin Commission. It was a very valuable learning experience and Mr. Piepkorn believes it would be beneficial for the entire board to attend the tour in the future.

10. NEXT MEETING DATE

The next meeting will be held on Thursday, October 25, 2018.

11. ADJOURNMENT

There being no further business, the meeting was adjourned at 4:02 PM.

**METRO FLOOD DIVERSION AUTHORITY
OCTOBER 17, 2018—1:44 PM**

1. MEETING TO ORDER

A special meeting of the Metro Flood Diversion Authority was held Wednesday, October 17, 2018, at 1:44 PM in the Fargo City Commission Room with the following members present: Moorhead City Mayor Del Rae Williams; Clay County Commissioner Kevin Campbell; Clay County Commissioner Grant Weyland; Fargo City Mayor Tim Mahoney; Fargo City Commissioner Dave Piepkorn; Cass County Commissioner Mary Scherling; Cass County Commissioner Chad Peterson; Cass County Commissioner Rick Steen; Cass County Joint Water Resource District Manager Dan Jacobson; and West Fargo City Mayor Bernie Dardis. Moorhead City Council Member Chuck Hendrickson; Moorhead City Council Member Joel Paulsen; and Fargo City Commissioner Tony Grindberg were absent.

Also present were U.S. Senator John Hoeven; Major General Scott Spellmon, U.S. Army Corps of Engineers Deputy Commanding General for Civil and Emergency Operations; Colonel Sam Calkins, Commander of the Corps of Engineers, St. Paul District; Judy DeHarnais, Corps of Engineers Deputy District Engineer; Terry Williams, Corps of Engineers Project Manager; and Michael Bart, Chief of Engineering, Corps of Engineers, St. Paul District.

2. AGENDA ORDER

MOTION, passed

Mr. Weyland moved and Mr. Steen seconded to approve the order of the agenda. Motion carried.

3. WELCOME

Ms. Williams, Mrs. Scherling, and Mr. Mahoney provided opening remarks regarding the project and thanked Senator Hoeven and Corps of Engineers staff for their efforts.

4. SUPPLEMENTAL ENVIRONMENTAL ASSESSMENT UPDATE

Colonel Calkins said the Corps of Engineers has been working on a Supplemental Environmental Assessment (SEAS) since February, which is needed to certify Plan B. A public meeting was held on September 13th on the draft SEAS and draft Supplemental Environmental Impact Statement (SEIS) for the Minnesota Department of Natural Resources (MDNR). There was a public comment period from August 27th to September 27th. The Corps received 65 comments and the MDNR received around 400 comments regarding Plan B. Colonel Calkins said Corps staff continue to work with Diversion Authority staff, MDNR and Houston-Moore Group (HMG) to release the final SEAS by the end of November.

5. PUBLIC PRIVATE PARTNERSHIP UPDATE

Attorney John Shockley provided an update on the Public Private Partnership (P3) for financing and construction of the project. A P3 is a contractual agreement between a public agency and a private sector entity. He said the Metro Flood Diversion Authority approved a Project Partnership Agreement (PPA) on July 11, 2016. The PPA established a split delivery plan for the channel and infrastructure to be handled by the non-federal sponsors (Diversion Authority and P3 procurement); and the southern embankment, associated infrastructure, and mitigation to be handled by the Corps of Engineers.

Mr. Shockley reviewed the typical P3 model and P3 procurement process and said the P3 established by the Diversion Authority may be used as a pilot for other projects across the country. The advantages of a P3 include reduced costs to taxpayers, schedule certainty, innovative designs, project efficiencies, project investment by both the contractor and engineer, and private equity in the project.

Mr. Shockley discussed action items necessary to move forward with the P3 procurement, which include finalization of updated costs and a financial plan; receipt of a permit from the Minnesota Department of Natural Resources; and removal of the injunction if a permit is issued.

6. REMARKS

Senator John Hoeven discussed provisions he secured in the Water Resources Development Act (WRDA) and FY 2019 Energy and Water funding legislation, which were recently approved by Congress and will be signed into law.

The WRDA bill resolves issues with easements on land purchased through the Hazard Mitigation Grant Program (HMGP) and will enable Plan B to be implemented.

The FY2019 funding bill provides an additional \$150 million to the Corps of Engineers construction account to be used on priorities such as flood protection for this area. The Water Infrastructure Finance and Innovation Act (WIFIA) will be implemented under this legislation to provide local governments with low-cost and flexible funding options. In addition, the bill directs the Corps to develop a plan to implement WIFIA and ensures fair treatment of P3 projects.

Major General Spellmon said one objective for his visit today is to understand the project and P3 process better and receive a one-on-one briefing from staff and board members. One of his goals is to put a spotlight on projects like the Metro Flood Diversion. He said work is being done by the Corps to reform regulations to provide efficiencies in how projects are handled. The Corps recognizes the importance of the Diversion project and will work to obtain funding to continue moving the project forward. The WRDA bill provided a 60-day deadline for the Corps to formulate how it will invest the additional funding, and he expects more will be known by the end of November.

7. NEXT MEETING

The next meeting will be held Thursday, October 25th at 3:30 PM.

8. ADJOURNMENT

The Chairwoman declared the meeting adjourned at 2:40 PM.

FM Metropolitan Area Flood Risk Management Project
 Fiscal Accountability Report Design Phase (Fund 790)
 As of 09/30/2018

	2011	2012	2013	2014	2015	2016	2017	2018	Cumulative Totals
Revenues									
City of Fargo	443,138	7,652,681	7,072,961	19,373,131	28,310,373	35,212,877	31,790,784	22,510,756	152,366,702
Cass County	443,138	7,652,681	7,072,961	19,373,131	28,310,373	111,715,540	14,193,826	10,291,440	199,053,090
State Water Commission			3,782,215	602,918	31,056,740	101,436,302	23,650,143	9,210,785	169,739,103
Other Agencies	98,475	1,700,595	1,571,769	4,305,140	6,291,194	(13,260,368)	-	-	706,805
Reimbursements						33,880	49,699	3,638	87,217
Lease/Rental Payments			17,358	154,180	180,341	260,806	350,720	455,066	1,418,471
Asset Sales				616,774	315,892	175,190	117,079	-	1,224,935
Interest Income							505,157	351,453	856,610
Miscellaneous			226	626	427		-	356	1,635
Total Revenues	984,751	17,005,957	19,517,490	44,425,900	94,465,340	235,574,227	70,657,409	42,823,494	525,454,567
Expenditures									
7905 Army Corp Payments	-	-	875,000	1,050,000	2,725,000	47,279,000	1,230,000	-	53,159,000
7910 WIK - Administration	107,301	331,321	77,614	169,019	282,227	545,555	500,885	743,767	2,757,689
7915 WIK - Project Design	149,632	5,366,147	3,220,859	9,118,723	4,660,226	2,719,505	2,631,656	2,036,020	29,902,768
7920 WIK - Project Management	679,037	7,223,650	4,695,477	3,579,339	4,500,955	8,464,392	14,714,801	5,252,141	49,109,792
7925 WIK - Recreation		163,223					-	-	163,223
7930 LERRDS - North Dakota	48,664	3,843,620	2,763,404	17,013,358	55,948,209	46,717,049	40,728,316	7,933,734	174,996,354
7931 LERRDS - Minnesota		27,996	287,907	13,068	32,452	1,815,566	35,457	3,800	2,216,246
7940 WIK Mitigation - North Dakota				587,180			225,293	82,840	895,313
7941 WIK Mitigation - Minnesota							-	-	-
7950 Construction - North Dakota				1,738,638	19,269,055	42,263,916	5,976,235	450,384	69,698,228
7951 Construction - Minnesota							-	-	-
7952 Construction - O/H/B				11,282,504	5,044,001	776,720	7,365,462	6,258,439	30,727,125
7955 Construction Management				556,209	2,867,422	5,182,366	1,498,050	238,028	10,342,075
7980 Operations & Maintenance							6,403	28,538	34,941
7990 Project Financing		50,000	70,000	216,376	566,600	5,435,289	8,305,600	7,578,745	22,222,609
7995 Project Eligible - Off Formula Costs							-	-	-
7999 Non Federal Participating Costs	116						221,568	-	221,684
Total Expenditures	984,750	17,005,957	11,990,261	45,324,414	95,896,147	161,199,358	83,439,726	30,606,434	446,447,047

FM Metropolitan Area Flood Risk Management Project
Statement of Net Position
September 30, 2018

	<u>Amount</u>
Assets	
Cash	\$ 79,154,745
Receivables	
State Water Commission *	409,583
Proceeds from Oxbow Lot Sales	796,881
Total assets	<u><u>80,361,209</u></u>
Liabilities	
Retainage payable	1,353,689
Total liabilities	<u><u>1,353,689</u></u>
NET POSITION	<u><u>\$ 79,007,520</u></u>

* Receivable balance is as of 8.31.2018

FM Metropolitan Area Flood Risk Management Project
 FY 2018 Summary Budget Report (In Thousands)
 As of 30 Sep 2018

	FY 2018 Approved Budget	Current Month	Fiscal Year To Date	% Expended	Outstanding Encumbrances	Remaining Budget Balance
Revenue Sources						
City of Fargo	-	2,682	22,511			
Cass County	-	1,635	10,291			
State of ND - 50 % Match	-	16	8,988			
State of ND - 100% Match	-	-	223			
State of Minnesota	-	-	-			
Other Agencies	-	-	-			
Financing Proceeds	-	-	105			
Reimbursements	-	-	3			
Sales of Assets	-	-	0			
Property Income	-	-	455			
Miscellaneous	-	35	247			
Total Revenue Sources	82,554	4,368	42,823	-	-	39,731
Funds Appropriated						
Diversion Channel & Assoc. Infrastructure	-	41	798	0%	2,892	(3,690)
Southern Embankment & Assoc. Infrastructure	17	-	0	2%	2,336	(2,319)
Other Mitigation Projects	6,139	997	6646	108%	1,920	(2,426)
In-Town Flood Protection	44,227	9	613	1%	246	43,368
Enabling Work / Other	-	67	158	0%	-	(158)
Land Acquisition & Mitigation	6,881	119	7722	112%	24,522	(25,363)
Engineering & Design Fees	241	166	2677	1109%	4,381	(6,817)
Program Management	11,489	302	4675	41%	3,653	3,160
Contingency	5,000	-	0	0%	-	5,000
Debt Service	8,460	426	7288	86%	681	491
Maintenance	100	-	29	29%	-	71
Total Appropriations	82,554	2,128	30,606	37%	40,631	11,317

METRO FLOOD DIVERSION AUTHORITY

Monday, 8 October 2018

Data Through Date: Sunday, September 30, 2018

Summary of Expenses

EXP-2018-09

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
790-0000-206.10-00	9/13/2018	290543	INDUSTRIAL BUILDERS INC	\$15,000.00	RETAINAGE	V02818	MICKELSON LEVEE EXTENSION
	9/13/2018	290633	RILEY BROTHERS CONSTRUCTION	\$75,141.00	RETAINAGE	V04301	CR16 & CR17 REALIGNMENT
Retainage				\$90,141.00			
790-7910-429.33-20	10/4/2018	JF20180902	CITY OF FARGO-AUDITORS OFFICE	\$4,979.17	CHARGE FOR COF TIME 09/18	V00102	General & Admin. WIK
Other Services / Accounting Services				\$4,979.17			
790-7910-429.33-25	10/4/2018	696	P CARD BMO	\$27,827.50	OHNSTAD TWICHELL ATTOR	V00102	General & Admin. WIK
Other Services / Legal Services				\$27,827.50			
790-7915-429.33-05	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$1,490.00	LEVEE DESIGN & SUPPORT	V01613	LEVEE DESIGN & SUPPORT
	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$1,472.00	DEVELOPERATIONS PLAN	V01615	DRAFT OPERATIONS PLAN
	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$63,270.68	PERMIT SUBMITTAL PREP	V01616	PERMIT SUBMITTAL PREP
	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$9,459.50	UPSTREAM MITIGATION	V01622	MITIGATION SUPPORT SRVCS
	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$14,076.00	HYDROLOGY/HYDRAULIC MODEL	V01625	HYDROLOGY/HYDRAULIC MODEL
	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$2,604.75	WORK IN KIND	V01626	WORK-IN-KIND (WIK)
	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$2,589.00	RIVER STAGE PLANNING	V01627	RIVER STAGE 37FT PLANNING
Other Services / Engineering Services				\$94,961.93			
790-7920-429.33-05	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$71,427.07	PROJECT MANAGEMENT	V01601	HMG - PROJECT MANAGEMENT
Other Services / Engineering Services				\$71,427.07			
790-7920-429.33-79	9/27/2018	291009	OXBOW, CITY OF	\$3,637.45	MOORE ENGINEERING, INC.	V02421	OXBOW MOU-MOORE PROJ MGMT
	9/27/2018	290923	CH2M HILL ENGINEERS INC	\$327,314.64	INTERIM PROGRAM MGMT	V00208	CH2M HILL-4.2.18-10.12.18
Other Services / Construction Management				\$330,952.09			
790-7930-429.33-05	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$741.50	HOUSTON-MOORE GROUP	V01201	Cass Joint Water ROE
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$4,700.60	PROSOURCE TECHNOLOGIES, L	V01203	Cass Joint Water OHB
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$14,876.66	HOUSTON-MOORE GROUP	V01201	Cass Joint Water ROE
	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$984.00	LAND MANAGEMENT SERVICES	V01606	LAND MANAGEMENT SERVICES
	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$1,831.00	BOUNDARY SURVEYING	V01628	BOUNDARY SURVEYING SRVCS
Other Services / Engineering Services				\$23,133.76			
790-7930-429.33-25	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$6,432.50	OHNSTAD TWICHELL, P.C.	V01201	Cass Joint Water ROE
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$1,026.00	OHNSTAD TWICHELL, P.C	V01203	Cass Joint Water OHB
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$5,686.50	OHNSTAD TWICHELL, P.C	V01201	Cass Joint Water ROE
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$7,440.50	OHNSTAD TWICHELL, P.C	V01201	Cass Joint Water ROE
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$392.50	OHNSTAD TWICHELL, P.C	V01201	Cass Joint Water ROE

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Summary of Expenses

EXP-2018-09

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	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$12,076.04	OHNSTAD TWICHELL, P.C	V01203	Cass Joint Water OHB
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$3,128.50	OHNSTAD TWICHELL, P.C	V01201	Cass Joint Water ROE
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$11,133.65	OHNSTAD TWICHELL, P.C	V01201	Cass Joint Water ROE
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$936.00	LARKIN HOFFMAN ATTORNEYS	V01201	Cass Joint Water ROE
	9/3/2018	693	P CARD BMO	\$47,752.12	DORSEY AND WHITNEY LLP	V00101	Dorsey Whitney Legal
	10/4/2018	696	P CARD BMO	\$1,479.50	OHNSTAD TWICHELL ATTOR	V00103	General & Admin. LERRDS
Other Services / Legal Services				\$97,483.81			
790-7930-429.38-95	9/13/2018	290479	BUILDING & GROUNDS MANAGEMENT	\$1,932.50	MOWING SERIVCES	V01701	ND LAND PURCH-OUT OF TOWN
	9/27/2018	290918	BUILDING & GROUNDS MANAGEMENT	\$240.00	AUGUST MOWING SERVICES	V01701	ND LAND PURCH-OUT OF TOWN
Other Services / Mowing Services				\$2,172.50			
790-7930-429.41-05	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$101.40	CITY OF FARGO	V01703	ND LAND PURCH - IN TOWN
Utility Services / Water and Sewer				\$101.40			
790-7930-429.62-50	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$142.36	XCEL ENERGY	V01703	ND LAND PURCH - IN TOWN
Energy / Natural Gas				\$142.36			
790-7930-429.62-51	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$199.39	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$26.40	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$41.43	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$38.23	CASS COUNTY ELECTRIC COOP	V01701	ND LAND PURCH-OUT OF TOWN
	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$224.78	XCEL ENERGY	V01703	ND LAND PURCH - IN TOWN
Energy / Electricity				\$530.23			
790-7931-429.62-51	9/5/2018	290377	CASS COUNTY JOINT WATER RESOURCE DI	\$179.13	RED RIVER VALLEY COOP POW	V02302	MN LAND PURCHASE-HARDSHIP
Energy / Electricity				\$179.13			
790-7940-429.33-06	9/27/2018	290915	BRAUN INTERTEC CORP	\$10,026.00	TESTING SERVICES	V00402	TESTING - WP-43 & WP-28A
Other Services / Quality Control Testing				\$10,026.00			
790-7950-429.33-05	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$4,791.50	SDB & SDC SEAI PROJECTS	V01624	CONSTRUCTN/BID SVCS WP28A
Other Services / Engineering Services				\$4,791.50			
790-7950-429.38-99	9/13/2018	290486	CASS COUNTY TREASURER	\$5,390.24	DUST CONTROL	V04201	DUST/TRAFFIC CONTRL-INLET
Other Services / Other Services				\$5,390.24			
790-7950-429.73-59	9/13/2018	290633	RILEY BROTHERS CONSTRUCTION	\$56,461.87	CO RD 16 & 17 REALIGNMENT	V04301	CR16 & CR17 REALIGNMENT
Infrastructure / Street & Roadway System				\$56,461.87			

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790-7952-429.33-05	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$86,889.52	SERVICES DURING CONST	V01623	CONSTRUCTN/BID SVCS WP43
Other Services / Engineering Services				\$86,889.52			
790-7952-429.73-52	9/13/2018	290585	MEYER CONTRACTING INC	\$867,320.41	OHB RING LEVEE	V04401	OHB RING LEVEE PHASES C&D
Infrastructure / Flood Control				\$867,320.41			
790-7955-429.33-05	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$9,068.20	WORK PKG 42 CONST SERVICE	V02806	CONSTRUCTION SVCS WP42
Other Services / Engineering Services				\$9,068.20			
790-7990-429.33-05	9/13/2018	290536	HOUSTON-MOORE GROUP LLC	\$6,380.00	PROCUREMENT SUPPORT	V01621	P3 RFP PROCUREMENT SUPPRT
Other Services / Engineering Services				\$6,380.00			
790-7990-429.33-25	10/4/2018	696	P CARD BMO	\$1,499.00	OHNSTAD TWICHELL ATTOR	V00102	General & Admin. WIK
Other Services / Legal Services				\$1,499.00			
790-7990-520.80-20	9/27/2018	290920	CASS COUNTY TREASURER	\$218,903.33	WELLS FARGO INTEREST	V02906	\$100M 2017 CASS WF ADVANC
	10/4/2018	JF20180904	CITY OF FARGO-AUDITORS OFFICE	\$207,435.35	8.1 AND 9.4 WF INT PMT	V02905	\$100M 2017 COF WF ADVANCE
Debt Service / Interest on Bonds				\$426,338.68			
Total Amount Invoiced this period				\$2,218,197.37			
				<u>\$90,141.00</u>	Less Paid Retainage		
				\$2,128,056.37	Total Less Paid Retainage		

FM Metropolitan Area Flood Risk Management Project
Cumulative Vendor Payments Since Inception
As of September 30, 2018

Vendors	Approved Contract/Invoice Amount	Liquidated	Outstanding Encumbrance	Purpose
CASS COUNTY JOINT WATER RESOUR	\$ 195,124,395.15	\$ 170,802,626.26	\$ 24,321,768.89	Land Purchases, O/H/B Ring Levee, DPAC, & ROE
ARMY CORP OF ENGINEERS	\$ 53,159,000.00	\$ 53,159,000.00	\$ -	Local Share
CH2M HILL ENGINEERS INC	\$ 47,239,115.97	\$ 44,294,645.92	\$ 2,944,470.05	Program, Project, Construction and Land Management
HOUSTON-MOORE GROUP LLC	\$ 46,346,764.08	\$ 40,150,753.52	\$ 6,196,010.56	Engineering Services
INDUSTRIAL BUILDERS INC	\$ 39,516,601.93	\$ 39,485,894.45	\$ 30,707.48	Const - 2nd St North Pump Station Project and 2nd Street Floodwall
INDUSTRIAL CONTRACT SERVICES I	\$ 17,576,871.19	\$ 17,493,762.16	\$ 83,109.03	Const - 4th St Pump Station and 2nd Street Floodwall
OXBOW, CITY OF	\$ 15,729,273.85	\$ 15,106,069.56	\$ 623,204.29	MOU Agreement
MEYER CONTRACTING INC	\$ 11,945,893.15	\$ 10,855,411.73	\$ 1,090,481.42	Construction/Demolition Services
CITY OF FARGO	\$ 7,830,271.43	\$ 7,830,271.43	\$ -	Digital Imagery Project, Utility Relocation, Accounting Svcs, and Bank Loan Advance DS Payments
ASHURST LLP	\$ 6,715,133.70	\$ 3,895,542.81	\$ 2,819,590.89	PPP (P3) Legal Counsel
DORSEY & WHITNEY LLP	\$ 6,301,608.05	\$ 6,301,608.05	\$ -	Legal Services
CASS COUNTY TREASURER	\$ 3,719,005.82	\$ 3,713,951.42	\$ 5,054.40	Property Taxes and Bank Loan Advance DS Payments
JP MORGAN CHASE-LOCKBOX PROCES	\$ 3,377,000.00	\$ 2,696,185.03	\$ 680,814.97	Financial Advisor
MINNESOTA DNR	\$ 2,776,684.35	\$ 2,551,078.35	\$ 225,606.00	EIS Scoping
CENTURYLINK	\$ 2,586,742.00	\$ 2,586,742.00	\$ -	Utility Relocation
OHNSTAD TWICHELL PC	\$ 2,559,372.40	\$ 2,559,372.40	\$ -	ROE and Bonding Legal Fees
LANDWEHR CONSTRUCTION INC	\$ 2,305,627.66	\$ 2,285,697.16	\$ 19,930.50	Const - In-Town Demolition Contracts
URS CORPORATION	\$ 1,922,118.42	\$ 1,805,670.90	\$ 116,447.52	Engineering Services
KENNELLY & OKEEFFE	\$ 1,729,110.56	\$ 1,729,110.56	\$ -	Home Buyouts
HOUGH INCORPORATED	\$ 1,726,847.35	\$ 1,634,666.45	\$ 92,180.90	Const - 2nd Street South Flood Control
REINER CONTRACTING INC	\$ 1,599,646.21	\$ 1,599,646.21	\$ -	Const - El Zagal Flood Risk Management
CONSOLIDATED COMMUNICATIONS	\$ 1,063,096.11	\$ 1,063,096.11	\$ -	Utility Relocation
ORACLE AMERICA, INC	\$ 1,015,290.00	\$ 306,856.00	\$ 708,434.00	Electronic Data Mgmt and Record Storage System
TERRACON CONSULTING ENGINEERS	\$ 830,792.49	\$ 830,520.16	\$ 272.33	Materials Testing
RILEY BROTHERS CONSTRUCTION	\$ 807,871.82	\$ 807,871.82	\$ -	Construction - County Roads 16 & 17 Realignment
XCEL ENERGY	\$ 753,515.88	\$ 753,515.88	\$ -	Utility Relocation
MOORE ENGINEERING INC	\$ 662,468.17	\$ 662,468.17	\$ -	Engineering Services
US BANK	\$ 626,849.03	\$ 626,849.03	\$ -	Loan Advance DS Payments
DUCKS UNLIMITED	\$ 587,180.00	\$ 587,180.00	\$ -	Wetland Mitigation Credits
HOUSTON ENGINEERING INC	\$ 576,669.57	\$ 576,669.57	\$ -	Engineering Services
ERIK R JOHNSON & ASSOCIATES	\$ 551,670.68	\$ 551,108.18	\$ 562.50	Legal Services
RED RIVER BASIN COMMISSION	\$ 500,000.00	\$ 500,000.00	\$ -	Retention Projects - Engineering Services
CROWN APPRAISALS INC	\$ 500,000.00	\$ 300,000.00	\$ 200,000.00	Flowage Easements Valuation
HOFFMAN & MCNAMARA NURSERY&LAN	\$ 495,801.98	\$ 455,836.49	\$ 39,965.49	Construction - Landscape
NORTHERN TITLE CO	\$ 484,016.00	\$ 484,016.00	\$ -	Land Purchases
AT & T	\$ 461,031.30	\$ 461,031.30	\$ -	Utility Relocation
BRAUN INTERTEC CORP	\$ 395,389.25	\$ 355,166.75	\$ 40,222.50	Quality Testing
SCHMIDT AND SONS CONSTRUCTION	\$ 351,178.00	\$ 335,906.00	\$ 15,272.00	Oxbow Housing Relocation
ACONEX (NORTH AMERICA) INC	\$ 306,856.00	\$ 306,856.00	\$ -	Electronic Data Mgmt and Record Storage System
BEAVER CREEK ARCHAEOLOGY	\$ 276,990.00	\$ 146,109.77	\$ 130,880.23	Engineering Services
702 COMMUNICATIONS	\$ 266,892.07	\$ 266,892.07	\$ -	Utility Relocation
SPRINT	\$ 256,409.37	\$ 256,409.37	\$ -	Utility Relocation

FM Metropolitan Area Flood Risk Management Project
Cumulative Vendor Payments Since Inception
As of September 30, 2018

Vendors	Approved Contract/Invoice Amount	Liquidated	Outstanding Encumbrance	Purpose
FARGO MOORHEAD METROPOLITAN	\$ 253,858.35	\$ 253,858.35	\$ -	Lidar Imaging
AON RISK SERVICES CENTRAL, INC	\$ 240,000.00	\$ 183,813.50	\$ 56,186.50	P3 Risk Advisory Services
NDSU BUSINESS OFFICE	\$ 231,650.00	\$ 183,408.50	\$ 48,241.50	Ag Risk Study Services
BUFFALO-RED RIVER WATERSHED DI	\$ 221,568.00	\$ 221,568.00	\$ -	Retention Projects - Engineering Services
CASS RURAL WATER USERS DIST	\$ 213,335.00	\$ 213,335.00	\$ -	Utilities and Utility Relocation
ROBERT TRENT JONES	\$ 200,000.00	\$ 200,000.00	\$ -	Oxbow MOU - Golf Course Consulting Agreement
SPRINGSTED INCORPORATED	\$ 178,010.15	\$ 178,010.15	\$ -	Financial Advisor
S & S LANDSCAPING CO INC	\$ 150,528.50	\$ 31,123.00	\$ 119,405.50	Construction - Landscape
FREDRIKSON & BYRON, PA	\$ 148,230.06	\$ 148,230.06	\$ -	Lobbying Services
PFM PUBLIC FINANCIAL MANAGEMEN	\$ 146,460.00	\$ 146,460.00	\$ -	Financial Advisor
GRAY PANNELL & WOODWARD LLP	\$ 143,800.68	\$ 143,800.68	\$ -	Legal Services
AT&T NETWORK OPERATIONS	\$ 125,238.30	\$ 125,238.30	\$ -	Utility Relocation
CENTURYLINK ASSET ACCOUNTING-B	\$ 118,871.82	\$ 102,773.54	\$ 16,098.28	Utility Relocation
ENVENTIS	\$ 115,685.62	\$ 115,685.62	\$ -	Utility Relocation
UNITED STATES GEOLOGICAL SURVE	\$ 104,600.00	\$ 104,600.00	\$ -	Stage Gage Installation
CASS COUNTY ELECTRIC-4100 32 A	\$ 104,195.00	\$ 97,995.00	\$ 6,200.00	Utility Services / Relocation
EL ZAGAL TEMPLE HOLDING CO	\$ 76,000.00	\$ 76,000.00	\$ -	Easement Purchase for El Zagal Levee
HKA GLOBAL, INC	\$ 74,353.00	\$ 74,353.00	\$ -	Professional Services
GERSON LEHRMAN GROUP, INC.	\$ 60,819.00	\$ 60,819.00	\$ -	Legal Services
NIXON PEABODY LLC	\$ 60,000.00	\$ 60,000.00	\$ -	Legal Services
ADVANCED ENGINEERING INC	\$ 50,000.00	\$ 50,000.00	\$ -	Public Outreach
IN SITU ENGINEERING	\$ 47,973.00	\$ 47,973.00	\$ -	Quality Testing
US GEOLOGICAL SURVEY	\$ 46,920.00	\$ 46,920.00	\$ -	Stage Gage Installation
MIDCONTINENT COMMUNICATIONS	\$ 37,318.95	\$ 37,318.95	\$ -	Utility Relocation
WARNER & CO	\$ 35,308.00	\$ 35,308.00	\$ -	General Liability Insurance
CLAY COUNTY AUDITOR	\$ 34,538.71	\$ 34,538.71	\$ -	Property Tax, Home Buyout Demo
AMERICAN ENTERPRISES INC	\$ 34,000.00	\$ 34,000.00	\$ -	Test Pits
GEOKON INC	\$ 33,815.36	\$ 33,815.36	\$ -	Vibrating Wire Piezometer Equipment
COLDWELL BANKER	\$ 33,066.02	\$ 33,066.02	\$ -	Property Management Services
CPS HR CONSULTING	\$ 32,793.22	\$ 32,793.22	\$ -	HR Consulting
WESTERN AREA POWER ADMINISTRAT	\$ 30,000.00	\$ 30,000.00	\$ -	P3 Support Services
ND WATER USERS ASSOCIATN	\$ 20,000.00	\$ 20,000.00	\$ -	Membership Dues
XCEL ENERGY-FARGO	\$ 16,275.85	\$ 16,275.85	\$ -	Utility Relocation
PRIMORIS AEVENIA INC	\$ 16,230.00	\$ 16,230.00	\$ -	Utility Relocation
MOORHEAD, CITY OF	\$ 15,062.90	\$ 15,062.90	\$ -	ROE Legal Fees
BRIGGS & MORGAN PA	\$ 12,727.56	\$ 12,727.56	\$ -	Legal Services
PROSOURCE TECHNOLOGIES, INC	\$ 8,324.94	\$ 8,324.94	\$ -	Vibrating Wire Piezometer Equipment
MAP SERVICE CENTER	\$ 7,250.00	\$ 7,250.00	\$ -	Permit fee
NEWMAN SIGNS INC	\$ 5,816.00	\$ 5,816.00	\$ -	Sinage
ONE	\$ 3,575.00	\$ 3,575.00	\$ -	Legal Services
MCKINZIE METRO APPRAISAL	\$ 3,200.00	\$ 3,200.00	\$ -	Appraisal Services
STUDIO 7 PRODUCTIONS	\$ 3,170.00	\$ 3,170.00	\$ -	Video Productions
SEIGEL COMMUNICATIONS SERVICE	\$ 2,345.00	\$ 2,345.00	\$ -	Public Outreach
BNSF RAILWAY CO	\$ 2,325.00	\$ 2,325.00	\$ -	Permits for In-Town Levee Projects
COUGAR TREE CARE INC	\$ 2,300.00	\$ 2,300.00	\$ -	Tree Removal

FM Metropolitan Area Flood Risk Management Project
Cumulative Vendor Payments Since Inception
As of September 30, 2018

Vendors	Approved Contract/Invoice Amount	Liquidated	Outstanding Encumbrance	Purpose
FORUM COMMUNICATIONS (LEGALS)	\$ 2,224.20	\$ 2,224.20	\$ -	Advertising Services
BUILDING & GROUNDS MANAGEMENT	\$ 2,172.50	\$ 2,172.50	\$ -	Lawn Mowing Services
FORUM COMMUNICATIONS (ADVERT)	\$ 1,743.77	\$ 1,743.77	\$ -	Advertising Services
NORTH DAKOTA TELEPHONE CO	\$ 1,697.00	\$ 1,697.00	\$ -	Communication
ERBERT & GERBERTS SUBS	\$ 1,232.29	\$ 1,232.29	\$ -	lunches for the task force meetings
HUBER, STEVE	\$ 1,056.43	\$ 1,056.43	\$ -	Home Buyouts
WARREN TOWNSHIP	\$ 1,023.72	\$ 1,023.72	\$ -	SEEDING, ROAD REPAIR, DUST CONTROL
DEPT OF NATURAL RESOUR	\$ 1,000.00	\$ 1,000.00	\$ -	DNR Dam Safety Permit Application Fee
TRIO ENVIRONMENTAL CONSULTING	\$ 747.60	\$ 747.60	\$ -	Asbestos and LBP Testing - Home Buyouts
NDSU-DINING-STORE 685	\$ 701.75	\$ 701.75	\$ -	Meeting Incidentals
RED RIVER TITLE SERVICES INC	\$ 675.00	\$ 675.00	\$ -	Abstract Updates
HEARTLAND SEEDS, INC.	\$ 600.00	\$ 600.00	\$ -	Lawn Mowing Services
BNSF RAILWAY COMPANY	\$ 600.00	\$ 600.00	\$ -	MOU Agreement
CIVIL DESIGN INC	\$ 595.00	\$ 595.00	\$ -	MOU Agreement
RED RIVER VALLEY COOPERATIVE A	\$ 536.96	\$ 536.96	\$ -	Electricity - Home Buyouts
FERRELLGAS	\$ 496.00	\$ 496.00	\$ -	Propane - Home Buyouts
BROKERAGE PRINTING	\$ 473.33	\$ 473.33	\$ -	Custom Printed Forms
DAWSON INSURANCE AGENCY	\$ 388.52	\$ 388.52	\$ -	Property Insurance - Home Buyouts
KOCHMANN, CARTER	\$ 315.00	\$ 315.00	\$ -	Lawn Mowing Services
GALLAGHER BENEFIT SERVICES INC	\$ 250.00	\$ 250.00	\$ -	Job Description Review
DONS PLUMBING	\$ 240.00	\$ 240.00	\$ -	Winterize - Home Buyouts
HARWOOD TOWNSHIP, CASS, ND	\$ 208.91	\$ 208.91	\$ -	Township Meeting Expenses
WALMART STORE #4352	\$ 161.97	\$ 161.97	\$ -	Meeting Incidentals
CURTS LOCK & KEY SERVICE INC	\$ 138.10	\$ 138.10	\$ -	Service Call - Home Buyouts
GOOGLE LOVEINTHEOVEN	\$ 116.00	\$ 116.00	\$ -	Meeting Incidentals
LANE, BARRET	\$ 108.77	\$ 108.77	\$ -	Lodging Expense
FEDERAL EXPRESS CORPORATION	\$ 71.89	\$ 71.89	\$ -	Postage
CABLE ONE (FARGO)	\$ -	\$ -	\$ -	Utility Relocation
BOIS DE SIOUX WATERSHED DISTRI	\$ -	\$ -	\$ -	Retention Projects - Engineering Services
ULTEIG ENGINEERS INC	\$ -	\$ -	\$ -	Engineering Services
CENTURYLINK COMMUNICATIONS	\$ -	\$ -	\$ -	Utility Relocation
AON RISK SERVICES CENTRAL INC	\$ -	\$ -	\$ -	P3 Risk Advisory Services
AEVENIA, INC	\$ -	\$ -	\$ -	Utility Relocation
Grand Total	\$ 487,078,164.69	\$ 446,447,046.96	\$ 40,631,117.73	

FM Metropolitan Area Flood Risk Management Project
Lands Expense - Life To Date
As of September 30, 2018

Property Address	Purchase Date	Purchase Price	Earnest Deposit	Relocation Assistance	Sale Proceeds	Total
Commercial Relocations - Fargo						
Park East Apartments - 1 2nd St S	6/23/2015	9,240,246.10	-	708,126.94	-	9,948,373.04
Howard Johnson - 301 3rd Ave N	11/2/2015	3,266,079.60	-	3,752,607.61	(1,100.00)	7,017,587.21
Fargo Public School District - 419 3rd St N	3/16/2016	1,903,475.78	-	6,469,727.55	-	8,373,203.33
Mid America Steel - NP Ave, North	6/21/2016	437,371.41	-	5,370,000.00	-	5,807,371.41
Case Plaza - 117 NP Ave N	1/12/2017	250,449.12	-	-	-	250,449.12
Shakey's Pizza - DFI AP LLC - 203 4th Ave N	3/21/2017	1,002,367.69	-	-	-	1,002,367.69
Home Buyouts - Fargo						
1322 Elm St N	11/19/2014	347,270.27	-	47,168.14	-	394,438.41
1326 Elm St N	12/23/2014	230,196.41	-	8,001.02	-	238,197.43
1341 N Oak St	1/29/2015	309,888.24	-	78,889.24	-	388,777.48
1330 Elm St N	2/12/2015	229,982.44	-	62,362.63	-	292,345.07
18 North Terrace N	4/2/2015	129,698.25	-	44,688.72	-	174,386.97
1318 Elm St N	5/29/2015	229,012.67	-	55,452.01	-	284,464.68
724 North River Road	6/8/2015	194,457.83	-	35,615.30	-	230,073.13
1333 Oak Street N	6/24/2015	238,513.23	-	5,249.00	-	243,762.23
26 North Terrace N	9/11/2015	138,619.58	-	12,620.00	-	151,239.58
16 North Terrace N	9/24/2015	227,987.50	-	96,717.14	-	324,704.64
24 North Terrace N	11/25/2015	182,437.38	-	29,269.60	-	211,706.98
1314 Elm Street N	12/18/2015	225,800.09	-	42,025.00	-	267,825.09
12 North Terrace N	2/9/2016	10,191.00	-	-	-	10,191.00
1313 Elm Street N	1/23/2017	350,000.00	-	3,360.00	-	353,360.00
Home Buyouts - Moorhead						
387 170th Ave SW	11/1/2013	281,809.91	-	-	(8,440.00)	273,369.91
16678 3rd St S		214,000.00	-	84,060.80	-	298,060.80
Home Buyouts - Oxbow						
105 Oxbow Drive	11/28/2012	216,651.85	-	-	(181,249.54)	35,402.31
744 Riverbend Rd	12/3/2012	343,828.30	-	2,435.00	-	346,263.30
121 Oxbow Drive	7/31/2013	375,581.20	-	-	(186,918.33)	188,662.87
333 Schnell Drive	9/20/2013	104,087.79	-	-	-	104,087.79
346 Schnell Drive	2/13/2014	512,970.73	-	7,200.00	-	520,170.73
345 Schnell Drive	10/24/2014	478,702.98	-	6,869.44	-	485,572.42
336 Schnell Drive	1/29/2015	310,888.51	-	185,620.00	-	496,508.51
5059 Makenzie Circle	5/21/2015	2,698,226.97	-	10,549.70	-	2,708,776.67
357 Schnell Dr / 760 River Bend Rd	6/18/2015	466,720.80	-	176,524.79	-	643,245.59
349 Schnell Dr / 761 River Bend Rd	6/26/2015	306,725.20	-	309,992.53	-	616,717.73
748 Riverbend Rd / 755 River Bend Rd	9/1/2015	480,783.92	-	205,699.82	-	686,483.74
361 Schnell Dr / 764 River Bend Rd	9/2/2015	490,091.32	-	267,757.65	-	757,848.97
752 Riverbend Rd / 768 River Bend Rd	9/4/2015	469,078.13	-	507,103.56	-	976,181.69
353 Schnell Dr / 772 River Bend Rd	9/11/2015	494,342.87	-	312,212.95	-	806,555.82
SE 1/4-23-137-49 & NW 1/4 SW 1/4 24-137-49 - Heitman	9/30/2015	1,328,151.00	-	-	-	1,328,151.00
350 Schnell Dr / 769 River Bend Rd	12/15/2015	491,024.01	-	279,237.35	-	770,261.36
365 Schnell Drive	1/7/2016	125,077.88	-	-	-	125,077.88
852, 856, 860, & 864 Riverbend Rd	1/11/2016	1,222,608.19	-	10,891.60	-	1,233,499.79
334 Schnell Dr / 751 River Bend Rd	1/15/2016	321,089.77	-	284,349.88	-	605,439.65
749 Riverbend Rd / 433 Trent Jones Dr	2/1/2016	598,885.43	-	469,875.64	-	1,068,761.07
326 Schnell Drive	2/19/2016	326,842.17	-	225,073.09	-	551,915.26
309 Schnell Dr / 325 Trent Jones Dr	5/12/2016	539,895.97	-	574,412.28	-	1,114,308.25
810 Riverbend Rd / 787 River Bend Rd	6/6/2016	672,125.84	-	640,625.43	-	1,312,751.27
833 Riverbend Rd / 446 Trent Jones Dr	7/14/2016	801,671.69	-	590,292.66	-	1,391,964.35
328 Schnell Dr / 347 Trent Jones Dr	7/14/2016	320,803.64	-	329,117.70	-	649,921.34
839 Riverbend Road	7/20/2016	1,775,311.60	-	10,631.50	-	1,785,943.10
332 Schnell Dr / 335 Trent Jones Dr	8/2/2016	328,639.47	-	356,643.81	-	685,283.28
317 Schnell Dr / 409 Trent Jones Dr	9/7/2016	548,393.52	-	558,413.52	-	1,106,807.04
330 Schnell Drive	10/4/2016	328,134.82	-	125,072.50	-	453,207.32
329 Schnell Dr / 417 Trent Jones Dr	10/4/2016	549,277.00	-	499,811.00	-	1,049,088.00
321 Schnell Dr / 410 Trent Jones Dr	10/7/2016	471,534.69	-	514,952.53	-	986,487.22
813 Riverbend Rd / 449 Trent Jones Dr	10/14/2016	660,997.62	-	797,937.65	-	1,458,935.27
325 Schnell Drive / 426 Trent Jones Dr	11/3/2016	403,498.66	-	402,935.97	-	806,434.63
844 Riverbend Road	11/11/2016	716,599.40	-	15,118.84	-	731,718.24
828 Riverbend Rd	11/30/2016	955,928.53	-	-	-	955,928.53
341 Schnell Dr / 343 Trent Jones Dr	12/8/2016	480,921.52	-	673,954.16	-	1,154,875.68
840 Riverbend Rd / 442 Trent Jones Dr	12/21/2016	547,075.19	-	423,662.02	-	970,737.21
816 Riverbend Rd / 441 Trent Jones Dr	12/27/2016	567,413.07	-	338,694.70	-	906,107.77
821 Riverbend Rd / 438 Trent Jones Dr	1/13/2017	580,617.35	-	331,100.87	-	911,718.22
805 Riverbend Rd / 776 River Bend Rd	2/10/2017	508,203.01	-	395,757.84	-	903,960.85
808 Riverbend Road / 254 South Schnell Dr	2/24/2017	713,814.95	-	533,475.96	-	1,247,290.91
338 Schnell Dr / 775 River Bend Rd	2/28/2017	560,402.15	-	407,961.34	-	968,363.49
313 Schnell Drive/ 413 Trent Jones Dr	4/7/2017	389,370.50	-	357,043.95	-	746,414.45
809 Riverbend Rd	5/3/2017	112,304.99	-	-	-	112,304.99
337 Schnell Dr / 353 Trent Jones Dr	5/17/2017	456,146.62	-	524,447.89	-	980,594.51
829 Riverbend Rd / 788 River Bend Rd	7/7/2017	1,056,438.13	-	1,369,587.89	-	2,426,026.02
848 Riverbend Rd / 783 River Bend Rd	7/27/2017	781,361.81	-	1,410,330.68	-	2,191,692.49
817 Riverbend Road / 421 Trent Jones Dr	7/18/2017	445,728.05	-	465,264.50	-	910,992.55
843 Riverbend Rd / 445 Trent Jones Dr	9/21/2017	978,292.23	-	1,207,474.57	-	2,185,766.80

FM Metropolitan Area Flood Risk Management Project
Lands Expense - Life To Date
As of September 30, 2018

Property Address	Purchase Date	Purchase Price	Earnest Deposit	Relocation Assistance	Sale Proceeds	Total
477 Oxbow Drive - OIN 9614 - Henry & Suzanne Mertz	10/27/2017	25,020.58	-	-	-	25,020.58
Home Buyouts - Hickson						
17495 52nd St SE	4/28/2015	785,747.66	-	27,604.74	-	813,352.40
4985 and 4989 Klitzke Drive, Pleasant Twp	7/20/2016	245,926.71	-	92,817.44	-	338,744.15
Home Buyouts - Horace						
2914 124th Ave S	12/29/2016	50,981.00	-	-	-	50,981.00
17471 49th St SE - Campbell - OIN 9403	2/16/2017	883,581.00	-	154,196.55	-	1,037,777.55
17465 49th St SE - Campbell - OIN 9411	2/21/2017	828,561.00	-	190,389.56	-	1,018,950.56
17474 52nd St SE - Leher - OIN 1889/1990/2182	7/11/2017	909,905.00	-	-	-	909,905.00
17449 50th Street SE - Scott Young	9/1/2017	398,936.66	-	-	-	398,936.66
4848 CR 81 S, Horace, ND _ OIN 9405	9/15/2017	451,185.00	-	36,153.08	-	487,338.08
17568 Pfiffer Drive - OIN 9387	3/6/2018	505,925.70	-	3,590.00	-	509,515.70
15-0000-02690-010 & 15-0000-02690-020 - Cossette _ OIN 229 & 230	11/29/2017	2,433,020.59	-	-	-	2,433,020.59
5021 171st Ave. Southeast, Horace, ND _ OIN 1955	12/18/2017	248,677.89	-	-	-	248,677.89
Home Buyouts - Argusville						
2351 173rd Ave SE - Johnson - OIN 1222	2/6/2017	215,030.91	-	6,912.57	-	221,943.48
Easements - Fargo						
Part of Lot 5 El Zagal Park	10/9/2014	76,000.00	-	-	-	76,000.00
72 2nd St N - Bortnem	4/13/2016	37,020.00	-	-	-	37,020.00
Oak Terrace Condos - 2 N Terrace N	3/30/2016	5,588.00	-	-	-	5,588.00
Fercho Family Farms,	3/25/2015	50,000.00	-	-	-	50,000.00
Part of Lot 3 Block 4 R2 Urban Renewal Addition	3/15/2018	336,108.00	-	-	-	336,108.00
Easements - Hickson						
Hickson Village Lot 8 BLK 11	5/11/2016	500.00	-	-	-	500.00
Easements - Oxbow						
Oxbow Parcel 57-0000-10356-070 - Pearson	10/13/2014	55,500.00	-	-	-	55,500.00
Easements - Diversion Inlet Control Structure						
15-0000-02690-020 - Cossette	6/1/2016	-	-	-	-	-
64-0000-02730-000 - Sauvageau	6/1/2016	1,113,101.57	-	-	-	1,113,101.57
64-0000-027400-000 - Duboard	9/15/2016	177,399.29	-	-	-	177,399.29
64-0000-02700-010 - Rheault	1/31/2017	2,243.06	-	-	-	2,243.06
15-141-49 NW1/4 160.00 AC **12-31-98 COMB FRM 44-0000-00580-000 & 44-0000-00570-000 - Larson Trust (Nygren)	6/20/2017	32,340.00	-	-	-	32,340.00
Southwest corner of County Road 17 S and 112th Avenue S (condemnation) - SAUVAGEAU LIFE EST.		373,437.00	-	-	-	373,437.00
16835 47 ST SE - Buster Farms LLLP		1,755.00	-	-	-	1,755.00
Easements - Piezometer						
67-0000-12719-010 - Adams - OIN-1201	3/13/2017	1,500.00	-	-	-	1,500.00
Easements - Minnesota						
Askegaard Hope Partnership	10/14/2016	1,542,370.79	-	-	-	1,542,370.79
Farmland Purchases						
SE 1/4 11-140-50 (Raymond Twp, ND) - Ueland	1/20/2014	959,840.00	-	-	-	959,840.00
2 Tracts in the E 1/2-2-137-49 - Sorby/Maier	1/24/2014	1,636,230.00	-	-	-	1,636,230.00
3 Tracts NW1/4 1-140-50, NW1/4 11-140-50, & S1/2 25-141-50 - Rust (OINs 0511,0512,0880,0897)	2/18/2014	3,458,980.70	-	-	-	3,458,980.70
11-140-50 NE1/4 (Raymond Twp) - Diekrager	4/15/2014	991,128.19	-	-	-	991,128.19
NW 1/4 36-141-50 - Monson	5/7/2014	943,560.05	-	-	-	943,560.05
W 1/2 SE 1/4 SW 1/4 & SW 1/4 SW 1/4 2-137-49 - Gordor	5/13/2014	321,386.00	-	-	-	321,386.00
SW 1/4-11-140-50 - Hoglelund	7/21/2014	989,706.03	-	-	-	989,706.03
NW 1/4 14-140-50 - Hoglelund	10/23/2014	948,782.22	-	-	-	948,782.22
SW 1/4 2-140-50 -Rust	10/29/2014	955,901.00	-	-	-	955,901.00
2-140-50 S 1/2 of NW 1/4 & Lot 4A - Pile	3/4/2015	594,108.00	-	-	-	594,108.00
Fercho Family Farms,	3/25/2015	464,600.00	-	-	-	464,600.00
W 1/2 NW 1/4 2-141-49 - Heiden	4/24/2015	433,409.00	-	-	-	433,409.00
(Raymond Twp) - Subdivision: Part of 23-140-50, 155.82 acres - Henke (Raymond Twp) - Subdivision: Part of Sec. 23., Less Gust Sub and Jason Sub	6/17/2015	857,144.00	-	-	-	857,144.00
T140N R50W - Henke	6/17/2015	339,071.00	-	-	-	339,071.00
15-141-49 NW1/4 160.00 AC **12-31-98 COMB FRM 44-0000-00580-000 & 44-0000-00570-000 - Larson Trust (Nygren)	6/20/2017	291,840.00	-	-	-	291,840.00
64-0000-02720-000 - Ulstad (Condemnation)	11/10/2016	1,221,931.50	-	-	-	1,221,931.50
Peter Biegler, Jr - OIN 9748	7/17/2017	250,185.00	-	-	-	250,185.00
19-141-49 NE 1/4 A 160.00 - Schoenberg Farms	7/18/2017	3,470,167.12	-	-	-	3,470,167.12
SHEY RIV - Chose	7/28/2017	60,128.07	-	-	-	60,128.07
W 1/2d 1/2 10-141-49 & NW 1/4 10-141-49 - Larson Family Farm Trust	8/1/2017	1,402,847.99	-	-	-	1,402,847.99
S1/2 W1/2 NW1/4 - Conyers	8/3/2017	33,150.00	-	-	-	33,150.00
27th St SE, between 169th Ave SE and I-29 - Nelson	8/3/2017	1,024,189.50	-	-	-	1,024,189.50
Meridian, Cass County, ND - Heiden Family, LLLP	8/4/2017	1,326,882.11	-	-	-	1,326,882.11

**FM Metropolitan Area Flood Risk Management Project
Lands Expense - Life To Date
As of September 30, 2018**

Property Address	Purchase Date	Purchase Price	Earnest Deposit	Relocation Assistance	Sale Proceeds	Total
2368 173rd Ave SE & Rural Land Part of SE1/4 35-142-49, Wiser, ND - Kevin & Pamela Heiden	8/4/2017	614,439.02	-	-	-	614,439.02
20-141-49 SW 1/4 A 160.00 - Lloyd & Alice Amundson	8/9/2017	123,563.38	-	-	-	123,563.38
5251 174 1/2 Ave SE, Pleasant Township, ND 58047	8/18/2017	254,354.28	-	-	-	254,354.28
35-142-49 SW 1/4 A 160.00 - Burley _ OIN 1218	8/31/2017	167,091.47	-	-	-	167,091.47
S-1/2 of N1/2 of Section 36-142-49, Wayne & Gary Ohnstad_OIN 1223	12/13/2017	200,135.00	-	-	-	200,135.00
2-141-49 S 1/2 OF NE 1/4 & N 1/2 OF SE 1/4	12/20/2017	251,668.74	-	-	-	251,668.74
County Rd 32 between 167th Ave SE and 169th Ave SE, 25-141-50 NE 1/4	1/19/2018	831,853.08	-	-	-	831,853.08
County Rd 32 between 167th Ave SE and 169th Ave SE, 30-141-50 NW 1/4	3/23/2018	831,535.25	-	-	-	831,535.25
NE 1/4 Section 14 Township 140 North of Range 50 West of 5th Principle Meridian LESS the East 85 feet of said NE Quarter	2/22/2018	707,530.88	-	-	-	707,530.88
Land Purchases						
Hayden Heights Land, West Fargo ND	10/12/2012	484,016.00	-	-	(730,148.14)	(246,132.14)
Lot 4, Block 4, ND R-2 Urban Renewal Addition, Fargo ND - Professional Associates	5/14/2015	39,900.00	-	-	-	39,900.00
BNSF Railway Company	10/28/2015	27,000.00	-	-	-	27,000.00
City of Fargo - OIN 2366 & OIN 2367	3/9/2017	1,022,533.30	-	-	-	1,022,533.30
Edwin and Margaret Ployhart OIN 8852	4/5/2017	5,121.18	-	-	-	5,121.18
Arthur Mathison RT OIN 1994	5/19/2017	750.00	-	-	-	750.00
Ideal Ag Corp OIN 9789 / 9790	5/25/2017	30,120.68	-	-	-	30,120.68
OIN 1195 / 1196 - Mark Thorson	9/15/2017	203,678.32	-	-	-	203,678.32
		89,610,936.01	-	34,533,719.40	(1,107,856.01)	123,036,799.40
			(32,000.00)		10,000.00	
				Property Management Expense		1,991,254.65
					Grand Total	<u>\$ 125,028,054.05</u>

**FM Metropolitan Area Flood Risk Management Project
In-Town Levee Work
as of September 30, 2018**

Vcode #	Vendor Name	Descriptions	Contract Amount	Amount Paid
V02801	Industrial Builders	WP42.A2 - 2nd Street North Pump Station	\$ 8,696,548.46	\$ 8,696,548.46
V02802	Terracon Consulting	WP-42 (In Town Levees) Materials Testing	\$ 830,792.49	\$ 830,520.16
V02803	Consolidated Communications	2nd Street Utility Relocation	\$ 1,178,781.73	\$ 1,178,781.73
V02804	702 Communications	2nd Street Utility Relocation WP-42A.1/A.3 - 4th St Pump Station & Gatewell and 2nd St	\$ 266,892.07	\$ 266,892.07
V02805	ICS	Floodwall S	\$ 17,583,287.19	\$ 17,500,178.16
V02806	HMG	WP42 - Services During Construction	\$ 5,343,413.00	\$ 5,216,231.24
V02807	CCJWRD	In-Town Levee Work	\$ 6,212,413.40	\$ 5,886,140.36
V02808	City of Fargo	Relocation of fiber optic along 2nd Street North	\$ 397,906.52	\$ 397,906.52
V02809	AT & T	2nd Street Utility Relocation	\$ 586,269.60	\$ 586,269.60
V02811	Xcel Energy	2nd Street & 4th Street Utility Relocations	\$ 769,791.73	\$ 769,791.73
V02812	Industrial Builders	WP-42F.1S - 2nd Street North Floodwall, South of Pump Station	\$ 16,720,591.15	\$ 16,689,883.67
V02813	Landwehr Construction	Park East Apartments Demolition	\$ 1,169,651.74	\$ 1,169,651.74
V02814	Primoris Aevenia	2nd Street Utility Relocation	\$ 16,230.00	\$ 16,230.00
V02815	Centurylink Communications	2nd Street Utility Relocation	\$ 2,660,937.92	\$ 2,660,937.92
V02816	Landwehr Construction	WP-42C.1 - In-Town Levees 2nd Street/Downtown Area Demo	\$ 907,999.08	\$ 907,999.08
V02817	Reiner Contracting, Inc	WP-42H.2 - El Zagal Area Flood Risk Management	\$ 1,599,646.21	\$ 1,599,646.21
V02818	Industrial Builders	WP-42I.1 - Mickelson Levee Extension	\$ 738,880.50	\$ 738,880.50
V02819	Industrial Builders	WP42F.1N - 2nd Street North	\$ 13,362,906.82	\$ 13,362,906.82
V02820	CH2M Hill	WP42 - Construction Management Services	\$ 851,775.30	\$ 851,775.30
V02821	Hough Incorporated	WP42F.2 - 2nd Street South	\$ 1,726,847.35	\$ 1,634,666.45
V02822	City of Fargo Hoffman & McNamara Nursery	COF - 2016 O&M on Lifts	\$ 34,941.05	\$ 34,941.05
V02823	& Lan	WP-42G General Landscaping and Planting	\$ 495,801.98	\$ 455,836.49
V02824	City of Fargo	COF – In-Town Flood Protection Debt Payments	\$ 4,875,880.00	\$ 4,875,880.00
V01703	Various	In-Town Property Purchases	\$ 39,421,726.93	\$ 38,175,240.91
			\$ 126,449,912.22	\$ 124,503,736.17

**Fargo-Moorhead Metropolitan Area Flood Risk Management Project
State Water Commission Funds Reimbursement Worksheet
Fargo Flood Control Project Costs - HB1020 & SB2020**

Time Period for This Request: August 1, 2018 - August 31, 2018

Drawdown Request No: 73	
Requested Amount:	\$ 9,786
Total Funds Expended This Period:	\$ 19,572
SB 2020 Matching Requirements	50%
Total Funds Requested at 50% Match	9,786
Total Funds Requested:	\$ 9,786

STATE AID SUMMARY:		
Summary of State Funds Appropriated		
Appropriations from 2009 Legislative Session	\$	45,000,000
Appropriations from 2011 Legislative Session		30,000,000
Appropriations from 2013 Legislative Session		100,000,000
Appropriations from 2015 Legislative Session		69,000,000
Appropriations from 2015 Legislative Session - Interior Flood Control		60,000,000
Anticipated appropriations to be funded in 2017 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2019 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2021 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2023 Legislative Session	66,500,000	
Total State Funds	266,000,000	304,000,000
Less: Payment #1 through #35 - City of Fargo		(55,510,209)
Less: Payment #1 - Cass County		(136,039)
Less: Payment #1 through #7 - Interior Flood Control		(60,000,000)
Less: Payment #1 through #28 - FM Diversion Authority		(38,049,107)
Less: Payment #29 through #50 - FM Metro Area Flood Risk Management Project		(76,542,741)
Less: Payment #51 - FM Metro Area Flood Risk Management Project		(1,501,080)
Less: Payment #52 - FM Metro Area Flood Risk Management Project		(1,565,228)
Less: Payment #53 - FM Metro Area Flood Risk Management Project		(708,163)
Less: Payment #54 - FM Metro Area Flood Risk Management Project		(897,057)
Less: Payment #55 - FM Metro Area Flood Risk Management Project		(488,613)
Less: Payment #56 - FM Metro Area Flood Risk Management Project		(1,105,872)
Less: Payment #57 - FM Metro Area Flood Risk Management Project		(1,377,451)
Less: Payment #58 - FM Metro Area Flood Risk Management Project		(1,792,502)
Less: Payment #59 - FM Metro Area Flood Risk Management Project		(1,625,005)
Less: Payment #60 - FM Metro Area Flood Risk Management Project		(65,355)
Less: Payment #61 - FM Metro Area Flood Risk Management Project		(780,105)
Less: Payment #62 - FM Metro Area Flood Risk Management Project		(772,390)
Less: Payment #63 - FM Metro Area Flood Risk Management Project		(901,954)
Less: Payment #64 - FM Metro Area Flood Risk Management Project		(7,127)
Less: Payment #65 - FM Metro Area Flood Risk Management Project		(31,576)
Less: Payment #66 - FM Metro Area Flood Risk Management Project		(476,342)
Less: Payment #67 - FM Metro Area Flood Risk Management Project		(43,032)
Less: Payment #68 - FM Metro Area Flood Risk Management Project		(521,819)
Less: Payment #69 - FM Metro Area Flood Risk Management Project		(567,145)
Less: Payment #70 - FM Metro Area Flood Risk Management Project		(1,216,849)
Less: Payment #71 - FM Metro Area Flood Risk Management Project		(268,273)
Less: Payment #72- FM Metro Area Flood Risk Management Project		(125,211)
Less: Payment #73- FM Metro Area Flood Risk Management Project		(9,786)
Total Funds Reimbursed		(247,086,031)
Total State Fund Balances Remaining	\$	56,913,969

Fargo-Moorhead Metropolitan Area Flood Risk Management Project
 State Water Commission Funds Reimbursement Worksheet
 Fargo Flood Control Project Costs - HB1020 & SB2020

LOCAL MATCHING FUNDS SUMMARY:	
Matching Funds Expended To Date - FM Metro Area Flood Risk Management Project	\$ 79,166,117
Less: Match Used on Payment #1 through #35 - City of Fargo	(41,506,620)
Less: Match used on Payment #1 - Cass County	(136,039)
Less: Match Used on Payment #1-28 - FM Diversion Authority	(11,052,710)
Less: Match Used on Payment #29-50 - FM Metro Area Flood Risk Management Project	(18,968,395)
Less: Match Used on Payment #51 - FM Metro Area Flood Risk Management Project	(1,336,028)
Less: Match Used on Payment #52 - FM Metro Area Flood Risk Management Project	(294,854)
Less: Match Used on Payment #54 - FM Metro Area Flood Risk Management Project	(595,622)
Less: Match Used on Payment #55 - FM Metro Area Flood Risk Management Project	(278,292)
Less: Match Used on Payment #58 - FM Metro Area Flood Risk Management Project	(222,923)
Balance of Local Matching Funds Available	\$ 4,774,634

**Fargo-Moorhead Metropolitan Area Flood Risk Management Project
State Water Commission Funds Reimbursement Worksheet
Fargo Flood Control Project Costs - HB1020 & SB2020**

Time Period for This Request: August 1, 2018 - August 31, 2018 - OHB Levee Related

Drawdown Request No: 74	
Requested Amount:	\$ 6,314
Total Funds Expended This Period:	\$ 12,628
SB 2020 Matching Requirements	50%
Total Funds Requested at 50% Match	6,314
Total Funds Requested:	\$ 6,314

STATE AID SUMMARY:		
Summary of State Funds Appropriated		
Appropriations from 2009 Legislative Session	\$	45,000,000
Appropriations from 2011 Legislative Session		30,000,000
Appropriations from 2013 Legislative Session		100,000,000
Appropriations from 2015 Legislative Session		69,000,000
Appropriations from 2015 Legislative Session - Interior Flood Control		60,000,000
Anticipated appropriations to be funded in 2017 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2019 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2021 Legislative Session	66,500,000	
Anticipated appropriations to be funded in 2023 Legislative Session	66,500,000	
Total State Funds	266,000,000	304,000,000
Less: Payment #1 through #35 - City of Fargo		(55,510,209)
Less: Payment #1 - Cass County		(136,039)
Less: Payment #1 through #7 - Interior Flood Control		(60,000,000)
Less: Payment #1 through #28 - FM Diversion Authority		(38,049,107)
Less: Payment #29 through #50 - FM Metro Area Flood Risk Management Project		(76,542,741)
Less: Payment #51 - FM Metro Area Flood Risk Management Project		(1,501,080)
Less: Payment #52 - FM Metro Area Flood Risk Management Project		(1,565,228)
Less: Payment #53 - FM Metro Area Flood Risk Management Project		(708,163)
Less: Payment #54 - FM Metro Area Flood Risk Management Project		(897,057)
Less: Payment #55 - FM Metro Area Flood Risk Management Project		(488,613)
Less: Payment #56 - FM Metro Area Flood Risk Management Project		(1,105,872)
Less: Payment #57 - FM Metro Area Flood Risk Management Project		(1,377,451)
Less: Payment #58 - FM Metro Area Flood Risk Management Project		(1,792,502)
Less: Payment #59 - FM Metro Area Flood Risk Management Project		(1,625,005)
Less: Payment #60 - FM Metro Area Flood Risk Management Project		(65,355)
Less: Payment #61 - FM Metro Area Flood Risk Management Project		(780,105)
Less: Payment #62 - FM Metro Area Flood Risk Management Project		(772,390)
Less: Payment #63 - FM Metro Area Flood Risk Management Project		(901,954)
Less: Payment #64 - FM Metro Area Flood Risk Management Project		(7,127)
Less: Payment #65 - FM Metro Area Flood Risk Management Project		(31,576)
Less: Payment #66 - FM Metro Area Flood Risk Management Project		(476,342)
Less: Payment #67 - FM Metro Area Flood Risk Management Project		(43,032)
Less: Payment #68 - FM Metro Area Flood Risk Management Project		(521,819)
Less: Payment #69 - FM Metro Area Flood Risk Management Project		(567,145)
Less: Payment #70 - FM Metro Area Flood Risk Management Project		(1,216,849)
Less: Payment #71 - FM Metro Area Flood Risk Management Project		(268,273)
Less: Payment #72- FM Metro Area Flood Risk Management Project		(125,211)
Less: Payment #73- FM Metro Area Flood Risk Management Project		(9,786)
Less: Payment #74- FM Metro Area Flood Risk Management Project		(6,314)
Total Funds Reimbursed		(247,092,345)
Total State Fund Balances Remaining	\$	56,907,655

Fargo-Moorhead Metropolitan Area Flood Risk Management Project
State Water Commission Funds Reimbursement Worksheet
Fargo Flood Control Project Costs - HB1020 & SB2020

Fargo-Moorhead Metropolitan Area Flood Risk Management Project
 State Water Commission Funds Reimbursement Worksheet
 Fargo Flood Control Project Costs - HB1020 & SB2020

LOCAL MATCHING FUNDS SUMMARY:	
Matching Funds Expended To Date - FM Metro Area Flood Risk Management Project	\$ 79,166,117
Less: Match Used on Payment #1 through #35 - City of Fargo	(41,506,620)
Less: Match used on Payment #1 - Cass County	(136,039)
Less: Match Used on Payment #1-28 - FM Diversion Authority	(11,052,710)
Less: Match Used on Payment #29-50 - FM Metro Area Flood Risk Management Project	(18,968,395)
Less: Match Used on Payment #51 - FM Metro Area Flood Risk Management Project	(1,336,028)
Less: Match Used on Payment #52 - FM Metro Area Flood Risk Management Project	(294,854)
Less: Match Used on Payment #54 - FM Metro Area Flood Risk Management Project	(595,622)
Less: Match Used on Payment #55 - FM Metro Area Flood Risk Management Project	(278,292)
Less: Match Used on Payment #58 - FM Metro Area Flood Risk Management Project	(222,923)
Balance of Local Matching Funds Available	\$ 4,774,634

Finance Committee Bills through October 19, 2018

Vendor	Description		
Cass County Joint Water Resource District	Diversion bills	\$	47,100.24
Dorsey & Whitney	Legal services rendered through August 31, 2018	\$	37,173.18
Cass County	Jet 8 culverts	\$	1,290.00
Ohnstad Twichell, P.C.	Professional services rendered	\$	64,003.13
Total Bills Received through October 19, 2018		\$	149,566.55



Cass County
Joint Water
Resource
District

October 3, 2018

Diversion Authority
P.O. Box 2806
Fargo, ND 58108-2806

Dan Jacobson
Chairman
West Fargo, North Dakota

Rodger Olson
Manager
Leonard, North Dakota

Lance Yohe
Manager
West Fargo, North Dakota

Ken Lougheed
Manager
Gardner, North Dakota

Jacob Gust
Manager
Fargo, North Dakota

Greetings:

RE: Metro Flood Diversion Project
Oxbow-Hickson-Bakke Ring Levee Project
In-Town Levees Project

Enclosed please find copies of bills totaling \$47,100.24 regarding the above referenced projects. The breakdown is as follows:

Metro Flood Diversion	\$ 40,123.63
Oxbow-Hickson-Bakke Ring Levee	6,508.40
In-Town Levees	468.21

At this time, we respectfully request 100% reimbursement as per the Joint Powers Agreement between the City of Fargo, Cass County and Cass County Joint Water Resource District dated June 1, 2015.

According to our records, the previous request dated August 29, 2018, for \$32,379.90 remains outstanding.

If you have any questions, please feel free to contact us. Thank you.

Sincerely,

CASS COUNTY JOINT WATER RESOURCE DISTRICT

Carol Harbeke Lewis
Secretary-Treasurer

Carol Harbeke Lewis
Secretary-Treasurer
1201 Main Avenue West
West Fargo, ND 58078-1301

Enclosures

701-298-2381
FAX 701-298-2397
wrd@casscountynnd.gov
casscountygov.com

METRO FLOOD DIVERSION RIGHT OF ENTRY/LAND ACQUISITION COST SHARE INVOICES

Invoice Paid	Invoice Date	Invoice No.	Project No.	Amount	Vendor	Description
9/13/2018	8/30/2018	157959	130007	10,762.00	Ohnstad Twichell, P.C.	Legal-Diversion ROW Acquisition
9/13/2018	8/24/2018	157789	187007	1,135.00	Ohnstad Twichell, P.C.	Legal-Right of Entry 2018
9/13/2018	8/24/2018	157790	187007	2,223.00	Ohnstad Twichell, P.C.	Legal-2018 Right of Entry Litigation
9/13/2018	8/24/2018	157778	170007	3,731.00	Ohnstad Twichell, P.C.	Legal-Sauvageau Eminent Domain
9/13/2018	8/24/2018	157978	170007	2,902.50	Ohnstad Twichell, P.C.	Legal-Upstream Mitigation Area
9/13/2018	8/30/2018	157955	90007	988.00	Ohnstad Twichell, P.C.	Legal-Basin Project 2009
9/13/2018	8/30/2018	157969	160007	607.50	Ohnstad Twichell, P.C.	Legal-Channel Phase I
9/13/2018	8/30/2018	157970	160007	4,002.00	Ohnstad Twichell, P.C.	Legal-Channel Phase II
9/13/2018	8/30/2018	157971	160007	220.50	Ohnstad Twichell, P.C.	Legal-Channel Phase III
9/13/2018	8/31/2018	1680	2001	960.50	Houston-Moore Group	Engineering - Right-of-Entry Services 2018
9/13/2018	8/31/2018	1681	2004	5,907.79	Houston-Moore Group	Engineering - Property Acquisition Services
9/13/2018	8/9/2018	76511	R12,00049	1,288.86	Ulteig Engineers	Engineering - Right of Way Services
9/13/2018	8/23/2018			3,941.80	Dawson Insurance	Cancellation and reinstating property liability insurance
9/13/2018	9/11/2018			250.00	Francis Snelgrove	monument installation on OIN 9086 and 9095
9/13/2018	9/6/2018			185.66	Red River Valley Coop Power Assoc	Service to 16678 3rd St S Moorehead
9/13/2018	9/5/2018	1108711		15.86	Cass County Electric Cooperative	Service to 16657 38 St SE
9/13/2018	9/5/2018	1123339		41.27	Cass County Electric Cooperative	Service to 17465 49 St S
9/13/2018	9/5/2018	1122560		325.07	Cass County Electric Cooperative	Service to 17471 49 St S
9/13/2018	9/5/2018	1132078		68.42	Cass County Electric Cooperative	Service to 17568 Pfiffer Dr
9/13/2018	8/25/2018	13618		32.00	Cass Rural Water Users	Service to 5021 171st Ave SE
9/13/2018	8/25/2018	13697		27.00	Cass Rural Water Users	Service to 17449 50th St SE
9/13/2018	8/25/2018	14028		32.00	Cass Rural Water Users	Service to 17465 49 St S
9/13/2018	8/25/2018	14044		32.00	Cass Rural Water Users	Service to 17471 49 St S
9/13/2018	8/25/2018	14110		32.00	Cass Rural Water Users	Service to 17568 Pfiffer Dr
9/27/2018	9/4/2018	77220	R12,00049	201.00	Ulteig Engineers	Engineering - project management
9/27/2018	9/13/2018	1129748		45.10	Cass County Electric Cooperative	Service to 5021 171 Ave SE
9/27/2018	9/25/2018	13618		34.70	Cass Rural Water Users	Service to 5021 171 Ave SE
9/27/2018	9/25/2018	14321		27.00	Cass Rural Water Users	Service to 16657 38 St SE
9/27/2018	9/25/2018	14028		34.70	Cass Rural Water Users	Service to 17465 49 St S
9/27/2018	9/25/2018	14044		34.70	Cass Rural Water Users	Service to 17471 49 St S
9/27/2018	9/25/2018	14110		34.70	Cass Rural Water Users	Service to 17568 Pfiffer Dr
Total				40,123.63		

OXBOW-HICKSON-BAKKE RING LEEVEE INVOICES

Invoice Paid	Invoice Date	Invoice No.	Purchase Order No.	Project No.	Amount	Vendor	Description
9/13/2018	8/30/2018	157960		140007	3,965.00	Ohnstad Twichell, P.C.	Legal-Oxbow-Hickson-Bakke Levee project
9/14/2018	7/31/2018	19307		2830-00	1,128.60	ProSource Technologies LLC	Project management
9/27/2018	8/31/2018	19403		2830-00	1,413.80	ProSource Technologies LLC	Project management
Total				Total	6,508.40		

IN-TOWN LEEVEES INVOICES

Invoice Paid	Invoice Date	Invoice No.	Project No.	Amount	Vendor	Description
9/13/2018	8/28/2018	605423643		229.06	Xcel Energy	Electric service to 419 3rd St N
9/13/2018	8/28/2018	605425347		137.75	Xcel Energy	Gas service to 419 3rd St N
9/27/2018	9/7/2018	6000052129		101.40	City of Fargo	Service to 419 3 St N
Total				468.21		
Grand Total				47,100.24		



MINNEAPOLIS OFFICE
612-340-2600

RECEIVED
BY _____ DATE 9-24-18

(Tax Identification No. 41-0223337)

STATEMENT OF ACCOUNT FOR PROFESSIONAL SERVICES

Fargo-Moorhead Flood Diversion Bd of Authority
c/o Erik R. Johnson & Associates, Ltd.
Attn: Erik Johnson
505 Broadway, Suite 206
Fargo, ND 58102

September 19, 2018
Invoice No. 3447724

Client-Matter No.: 491379-00001
Red River Diversion Project

For Legal Services Rendered Through August 31, 2018

INVOICE TOTAL

Total For Current Legal Fees	\$37,035.00
Total For Current Disbursements and Service Charges	\$138.18
Total For Current Invoice	\$37,173.18

Summary of Account

*Prior Balance Due	\$54,268.50
Total Amount Due	\$91,441.68

*If payment has been submitted for prior balance due, please disregard.

For your convenience, please remit payment to the address below or we offer the option of remitting payment electronically by wire transfer. If you have any questions regarding this information, please contact the lawyer you are working with on this project or Dorsey's Accounts Receivable Department at 1-800-861-0760. Thank you.

Mailing Instructions:
Dorsey & Whitney LLP
P.O. Box 1680
Minneapolis, MN 55480-1680

Wire Instructions:
U.S. Bank National Association
800 Nicollet Mall
Minneapolis, MN 55402

(This account is only for Wire/ACH payments)
ABA Routing Number: 091000022
Account Number: 1047-8339-8282
Swift Code: USBKUS441MT

Please make reference to the invoice number

Service charges are based on rates established by Dorsey & Whitney. A schedule of those rates has been provided and is available upon request. Disbursements and service charges, which either have not been received or processed, will appear on a later statement.

ALL INVOICES ARE DUE 30 DAYS FROM DATE OF INVOICE UNLESS OTHERWISE EXPRESSLY AGREED BY DORSEY & WHITNEY



Office of the City Attorney

City Attorney
Erik R. Johnson

Assistant City Attorney
Nancy J. Morris

September 28, 2018

Kent Costin
Finance Director
City of Fargo
225 4th Street North
Fargo, ND 58102

Re: Metro Flood Diversion Project

Dear Kent:

I am enclosing a Summary Invoice dated September 19, 2018 from the Dorsey & Whitney Firm in Minneapolis for their professional services rendered through August 31, 2018 on the Metro Flood Diversion Project. If you have any questions, please feel free to contact me. Please remit payment directly to Dorsey Whitney.

Sincerely,

A handwritten signature in black ink, appearing to be "ERJ", written over a horizontal line.

Erik R. Johnson

ERJ/lmw
Enclosure
cc: Bruce Grubb



CASS COUNTY GOVERNMENT
 PO BOX 2806
 211 9th STREET SOUTH
 Fargo, ND 58108

DATE: 10/11/18

TO: DIVERSION AUTHORITY
 PO BOX 2806
 211 9TH ST S
 FARGO, ND 58108

CUSTOMER NO: 3252/3308

TYPE: CE - COUNTY ENGINEER

CHARGE	DATE	DESCRIPTION	REF-NUMBER	DUE DATE	TOTAL AMOUNT
	10/05/18	BEGINNING BALANCE			10,131.14
6050	9/13/18	JET 8 CULVERTS ALONG MAIN ST/BAKKE ADDN			1,290.00
	10/08/18	PAYMENT			4,682.24-

Current

30 days

60 days

90 days

6738.90

DUE DATE: 11/12/18

PAYMENT DUE: 6,738.90

TOTAL DUE: \$6,738.90

PLEASE DETACH AND SEND THIS COPY WITH REMITTANCE

DATE: 10/11/18 DUE DATE: 11/12/18
 CUSTOMER NO: 3252/3308

NAME: DIVERSION AUTHORITY
 TYPE: CE - COUNTY ENGINEER

REMIT AND MAKE CHECK PAYABLE TO:

CASS COUNTY TREASURER

211 9TH ST S

PO BOX 2806

FARGO

ND 58108-2806

(701) 241-5606

TOTAL DUE: \$6,738.90

Invoice

Jet-Way Multiple Services, Inc.
 PO Box 131
 Harwood, ND 58042
 Ph. 701-282-2356

Date	Invoice #
9/24/2018	11790

Bill To
 Cass County Highway Dept.
 1201 Main Ave. West
 West Fargo, ND 58078-1301

*Diversified
 Bill*

www.jet-wayinc.com

P.O. No.	Project	Requested By
701-205-2384	Culverts	Jeff

Service Date	Quantity	Unit	Description	Rate	Amount
9/13/2018	5	hrs.	Jet 8 culverts along Main Street/Bakke Addn. 3 culverts under the streets, 5 culverts under driveways	145.00	725.00
	5	hrs.	Jet-Vac Unit	60.00	300.00
	5	hrs.	Supervisor Labor	50.00	250.00
	1	load	General Labor	15.00	15.00
			Water Charge (Per Load)		

RECEIVED
 SEP 25 2018
 CASS CO HIGHWAY DEPT

*217-ASSI
 PO#*

An additional 4% transaction fee will be charged for all payments made with a credit card. A LATE PAYMENT CHARGE OF 1-1/2% per month on all accounts 30 days after invoice date. Minimum Charge of \$.50 per month. Please pay from this invoice. No other statements will be sent. WE APPRECIATE YOUR BUSINESS!

Total	\$1,290.00
Payments/Credits	\$0.00
Balance Due	\$1,290.00

OHNSTAD TWICHELL, P.C.
Attorneys at Law

P.O Box 458
 West Fargo, ND 58078-0458
 701-282-3249

15-1395 JTS Invoice # 158669
 Flood Diversion Board
 Bond Counsel Work - PPP

Date: October 17, 2018

To: Flood Diversion Board
 P.O Box 2806
 Fargo, ND 58108-2806

PROFESSIONAL SERVICES RENDERED			
	Hours	Hourly Rate	Totals
JTS	47.6	\$310.00	\$14,756.00
CMM	24.2	\$310.00	\$7,502.00
ADC	0.4	\$310.00	\$124.00
KJB	67.7	\$285.00	\$19,294.50
TJL	71.9	\$250.00	\$17,975.00
ABG	1.3	\$225.00	\$292.50
JDR	0.2	\$165.00	\$33.00
AJR	23.4	\$165.00	\$3,861.00
Total Fees:	236.7		\$63,838.00
AT&T Calls			\$11.13
Westlaw (max charge \$500)			\$154.00
Total Expenses:			\$165.13
Grand Total			\$64,003.13

		2018 Hourly Rates
JTS	John T. Shockley, Partner, Supervising Attorney	\$310.00
CMM	Christopher M. McShane, Partner	\$310.00
ADC	Andrew D. Cook, Partner	\$310.00
SNW	Sarah M. Wear, Partner	\$310.00
KJB	Katie J. Bertsch, Associate	\$285.00
TJL	Tyler J. Leverington, Associate	\$250.00
CBC	Calley B. Campbell, Associate	\$225.00
LWC	Lukas W. Croaker, Associate	\$225.00
ABG	Bo Gruchala, Associate	\$225.00
MPS	Michael P. Sly, Associate	\$200.00
CAS	Carol A. Stillwell, Paralegal	\$165.00
JDR	Joshua D. Roaldson, Paralegal	\$165.00
AJR	Andrea J. Roman, Paralegal	\$165.00
LRK	Lisa R. Kilde, Paralegal	\$155.00
KJS	Kelsey J. Stock, Law Clerk	\$100.00

PROFESSIONAL SERVICES RENDERED

15-1395 JTS Invoice # 158669		
Flood Diversion Board		Bond Counsel Work - PPP
FILE NUMBER	MATTER DESCRIPTION	INVOICE - TOTAL FEES
151395-1	General Topics (Includes General Governance Questions, Notices, etc.)	\$8,327.00
151395-2	Executive Director	\$80.50
151395-3	P3 Procurement	\$2,389.50
151395-4	Public Finance Issues	\$4,241.50
151395-5	Consultant Contract Review/Development	\$2,954.00
151395-6	Support of External Litigation Counsel	\$313.50
151395-8	MNDNR Permit Issues	\$3,251.00
151395-11	Legislative Interface/Lobbying Support	\$206.50
151395-13	Third Party Utility MOU's	\$35,246.50
151395-14	ICS Issues	\$6,778.50
151395-15	Schmidt and Sons Litigation	\$49.50
TOTAL		\$63,838.00



Executive Director Contracting Recommendation

Date: 10/19/2018

RECOMMENDATION FOR ACTION:

The Co-Executive Directors have reviewed and recommend approval of the following Contract Action(s).

SUMMARY OF CONTRACTING ACTION:

Per the contract review and approval procedures that were adopted by the Diversion Authority on November 10, 2016 and amended August 23, 2018, the Owner's Program Management Consultant (PMC) or Engineer of Record (EOR) is directed to prepare task orders and task order amendments for existing Master Services Agreements (MSA) and submit them to the Co-Executive Directors for review and action.

The Owner's PMC has prepared the following Contract Action(s):

Houston-Moore Group, LLC

Task Order 17, Amendment 6 – WP-42 SDB and SDC

\$777,864

- Add subtask B (SDC) scope and budget for WP-42E
- Extend the Period of Performance to June 30, 2020

BACKGROUND AND DISCUSSION:

Houston-Moore Group, LLC (HMG) is the Engineer of Record for the In-Town Levees (WP-42) projects, and has provided Services During Bid (SDB) and Services During Construction (SDC) for WP-42 projects from July 10, 2014, to the present time.

This amendment adds Services During Construction (SDC) scope and budget for the recently awarded WP-42E (2nd St. So. and Main Ave. Flood Mitigation) construction project, and extends the POP to the project completion date, June 30, 2020.

The table below summarizes the contracting history for this task order and the current contracting action.

Summary of Contracting History and Current Contract Action:

Original Agreement or Amendment	Budget (\$) Change	Revised Project Cost	Agreement Date	Project Completion	Comments
Task Order 17 Amendment 0	\$ -	\$1,550,000	10-Jul-14	30-Sep-16	Initial WP-42 SDB and SDC agreement for WP- 42A.1, WP-42A.2, and WP42A.3.
Task Order 17 Amendment 1	\$693,000	\$2,243,000	8-Aug-15	30-Sep-16	Adds SDB and SDC for WP-42F.1S; SDB for WP- 42H.2; SDB for WP-42I; and, SDB for WP-42C.2.
Task Order 17 Amendment 2	\$1,605,000	\$3,848,000	2-Feb-16	30-Jun-17	Incorporated AWD-00052; added additionalSDC period of performance and budget for WP- 42A.2 and WP-42A.1/A.3; added SDC for WP- 42H.2, WP-42I.1, and WP-42C.1; and, added SDB for 42F.1N.
Task Order 17 Amendment 3	\$751,000	\$4,599,000	26-May-16	31-Jul-17	Incorporates AWD-00058 and includes additional SDC services for 42F.1N. Adds requirement for Engineer to note Activity ID on monthly invoices.
Task Order 17 Amendment 4	\$333,000	\$4,932,000	23-Jun-16	31-Jul-17	Incorporates AWD-00059 scope amendment budget changes for WP42F.1S, WP42H.2, and WP42I.1. Add SDC scope and budget for WP42F.2.

Original Agreement or Amendment	Budget (\$) Change	Revised Project Cost	Agreement Date	Project Completion	Comments
Task Order 17 Amendment 5	\$411,413	\$5,343,413	26-Oct-17	31-Dec-18	Incorporate new MSA terms and conditions, add WP-42G SDC and SDB scope and budget, reallocate SDB and PM budgets, incorporate MSA bill rate increase for SDC budget, increase SDC budgets closeout projects, and extend the POP to Dec 31, 2018.
Task Order 17 Amendment 6	\$777,864	\$6,121,277	24-Oct-18	30-Jun-20	Add WP-42E SDC scope and budget and extend the POP to June 30, 2020.

FINANCIAL CONSIDERATIONS:

HMG is the Engineer of Record for this project and prepared the technical specifications and drawings for the bid package, and will provide Service During Construction (SDC).

HMG provided the attached cost proposal for this amendment. The PMC reviewed it and a summary of that review is listed below. The labor rates are consistent with the 2018 MSA allowed rates. This task order is billed on a time and material basis for actual costs incurred for services performed.

1. **WP-42E SDC services:** The construction project is scheduled to start in the Fall of 2018 and finish in the summer of 2020, with some construction during the winter of 2018/2019. HMG's SDC cost proposal of \$777,864 is approximately 9 percent of the construction contract amount.
 - a. Subtask 2.B.3 (Pre-Construction Meeting): HMG's proposed 7 hours of professional services at an average rate of approximately \$185 per hour for staff to participate in the Pre-Construction meeting for a total cost of \$1,286.00.
 - i. The PMC feels this is a reasonable level of effort.
 - b. Subtask 2.B.5 (Resident Project Representative): The scope of work for this task includes providing a full time, on site, construction inspector for the project.
 - i. HMG proposed 2,528 hours of professional services at an average rate of approximately \$140 per hour for a total cost of \$352,980.00.
 - ii. HMG has assumed 280 working days, with the level of effort at the beginning and end of the project to be part time. This includes 2,420 hours for the resident project representative, and 108 hours for other staff categories to support this task.
 - iii. The PMC feels this is a reasonable level of effort.
 - c. Subtask 2.B.6 (Quality Assurance Management): The scope of work for this task includes providing management and engineering staff to oversee QA activities, review reports, maintain logs of QA activities, and prepare reports.
 - i. HMG proposed 100 hours of professional services at an average rate of approximately \$165 per hour for a total cost of \$16,428.00.
 - ii. The PMC feels this is a reasonable level of effort.

- d. Subtask 2.B.7 (Requests for Information): The scope of work for this task includes providing responses to contractor requests for information when requested.
- i. HMG proposed 146 hours of professional services at an average rate of approximately \$170 per hour for a total cost of \$24,512.00.
 - ii. The PMC feels this is a reasonable level of effort.
- e. Subtask 2.B.8 (Shop Drawing Review): The scope of work for this task includes reviewing shop drawings, samples, and operation and maintenance manuals for conformance with contract documents.
- i. HMG proposed 228 hours of professional services at an average rate of approximately \$180 per hour for a total cost of \$40,612.00.
 - ii. The PMC feels this is a reasonable level of effort.
- f. Subtask 2.B.9 (Change Order Support): The scope of work for this task includes providing support for development of contractor change order pricing for modifications that affect the project design or function.
- i. HMG proposed 138 hours of professional services at an average rate of approximately \$165 per hour for a total cost of \$22,728.00.
 - ii. The PMC feels this is a reasonable level of effort.
- g. Subtask 2.B.10 (Surveying): The scope of work for this task includes providing surveying for project controls, benchmarks, existing conditions, and quantities for payment verification.
- i. HMG proposed 80 hours for a two person survey crew at a rate of \$284 per hour plus 32 hours of professional services at an average rate of approximately \$160 per hour for a total cost of \$27,772.00.
 - ii. The PMC feels this is a reasonable level of effort.
- h. Subtask 2.B.11 (Maintain Redline Drawings): The scope of work for this task includes maintaining a set of redlined as-built drawings for the project.
- i. HMG proposed 70 hours of professional services at an average rate of approximately \$160 per hour plus 18 hours for a two person survey crew at a rate of \$284 per hour for a total cost of \$16,432.00.
 - ii. The PMC feels this is a reasonable level of effort.
- i. Subtask 2.B.12 (Prepare/Review Site Visit Reports): The scope of work for this task includes preparing or reviewing reports for site visits by USACE or other external review teams.
- i. HMG proposed 36 hours of professional services at an average rate of approximately \$170 per hour for a total cost of \$6,042.00.
 - ii. The PMC feels this is a reasonable level of effort.

- j. Subtask 2.B.13 (Commissioning Activities): The scope of work for this task includes providing commissioning activities such as equipment operability testing and demonstrations and operations staff training.
 - i. HMG proposed 46 hours of professional services at an average rate of approximately \$155 per hour for a total cost of \$7,112.00.
 - ii. The PMC feels this is a reasonable level of effort.
- k. Subtask 2.B.14 (Payment Application Verification): The scope of work for this task includes providing and or reviewing monthly pay application quantities.
 - i. HMG proposed 202 hours of professional services at an average rate of approximately \$160 per hour for a total cost of \$32,200.00.
 - ii. The PMC feels this is a reasonable level of effort.
- l. Subtask 2.B.15 (Punchlist and Final Inspection): The scope of work for this task includes preparing a punch list of incomplete, inspecting, verifying and documenting the work was completed, and coordinate a final inspection.
 - i. HMG proposed 59 hours of professional services at an average rate of approximately \$170 per hour for a total cost of \$10,163.00.
 - ii. The PMC feels this is a reasonable level of effort.
- m. Subtask 2.B.16 (Update the Design Report): The scope of work for this task includes updating the Design Document Report after construction completion to reflect the design changes, contract modifications, site conditions encountered, testing, and submittals.
 - i. HMG proposed 114 hours of professional services at an average rate of approximately \$165 per hour for a total cost of \$18,652.00.
 - ii. The PMC feels this is a reasonable level of effort.
- n. Subtask 2.B.17 (As-Built Drawings): The scope of work for this task includes providing final As-Built drawings in conformance with the same standards as the design drawings.
 - i. HMG proposed 118 hours of professional services at an average rate of approximately \$145 per hour for a total cost of \$17,144.00.
 - ii. The PMC feels this is a reasonable level of effort.
- o. Subtask 2.B.18 (Inspection and Monitoring Plan): The scope of work for this task includes preparing a post construction Inspection and Monitoring Plan specifying annual inspections required to verify satisfactory maintenance and performance of the flood risk management features.
 - i. HMG proposed 66 hours of professional services at an average rate of approximately \$170 per hour for a total cost of \$11,272.00.
 - ii. The PMC feels this is a reasonable level of effort.

- p. Subtask 2.B.19 (Levee Certification): The scope of work for this task includes preparing and providing flood risk reduction certifications as required by the Owner.
- i. HMG proposed 90 hours of professional services at an average rate of approximately \$175 per hour for a total cost of \$16,470.00.
 - ii. The PMC feels this is a reasonable level of effort.
- q. Subtask 2.C.1 (Project Management): The scope of work for this task includes providing project management services, including monthly status reports and invoicing.
- i. HMG proposed 112 hours of professional services at an average rate of approximately \$160 per hour for a total cost of \$18,088.00.
 - ii. The PMC feels this is a reasonable level of effort.
- r. Subtask 2.C.2 (Project Meetings): The scope of work for this task includes providing project management services, including monthly status reports and invoicing.
- i. HMG proposed 224 hours of professional services at an average rate of approximately \$160 per hour for a total cost of \$36,176.00.
 - ii. The PMC feels this is a reasonable level of effort.
- s. HMG Expenses: HMG proposed \$4,225.00 in expenses for the project. This includes 5,000 miles at \$0.545 per mile for travel to and from the construction site, plus \$1,500.00 of other misc. expenses such as supplies and reproductions.
- i. The PMC feels this is a reasonable level of effort for the anticipated project duration.
- t. Subconsulting services: The following is a summary of proposed subconsultant services for this task order amendment.
- i. HMG's subconsultant, BARR Engineering Co., is providing geotechnical construction observation and support services for this project. BARR estimated 300 hours for this scope of work at a proposed budget of \$46,000.00.
 1. At BARR's 2018 labor rates and an assumed distribution of management (50 hours), technical (230 hours), and administration (20 hours) staff averaging approximately \$145 per hour, plus an assumed budget of approximately \$3000.00 for travel expenses for the identified 6 site trips (\$500.00 per trip), the proposed budget and level of effort seems reasonable and appropriate for the proposed scope of work.
 2. HMG's MSA allowed 10 percent markup of subcontractor services is \$4,600.00.
 3. The PMC feels this is a reasonable level of effort.

- ii. HMG's subconsultant, SRF Consulting Group, Inc., is providing electrical, landscaping, and irrigation construction observation and support services for this project. SRF estimated 232 hours for this scope of work at a proposed budget of \$42,700.00.
1. SRF's Project Coordination services include day to day project management and administration.
 - a. SRF proposed a total of 24 hours at approximately \$180 per hour for a total cost \$4,7320.00.
 2. SRF's Project Meetings services include participation in the pre construction meeting weekly construction progress meetings.
 - a. SRF proposed a total of 26 hours at approximately \$165 per hour for a total cost \$4,332.00.
 3. SRF's Shop Drawing Review services include review of electrical, landscaping, and irrigation facilities shop drawings.
 - a. SRF proposed a total of 88 hours at approximately \$185 per hour for a total cost \$16,272.00.
 4. SRF's Construction Inspection services include site visits by local and remote staff to inspect electrical, landscaping, and irrigation facilities.
 - a. SRF proposed a total of 94 hours at approximately \$170 per hour for a total cost \$14,796.00.
 - b. The PMC feels this is a reasonable level of effort.
 5. SRF's proposed expenses include travel expenses for proposed site visits, such as mileage reimbursement, document reproduction, airfare, and per diem.
 - a. A total of \$4,188.00 of expenses is proposed. The majority of these expenses are travel related, and average about \$1,000 per trip.
 6. HMG's MSA allowed 10 percent markup of subcontractor services is \$4,270.00.
 7. The PMC feels the level of effort and unit rate costs are reasonable.
2. **Extend the Period of Performance to June 30, 2020:** Construction activities are scheduled to continue into the summer of 2020 for WP-42E. This amendment extends the period of performance to the project completion date, June 30, 2020.

The table below lists the task order budgets by subtask.

Table 2: WP-42 Task Order Budgets by Subtask:

Subtask	Current Budget (\$)	Amendment 6 (\$)	Revised Budget (\$)
A. SDB	172,000		172,000
B. SDC	5,151,413	777,864	5,929,277
C. PM	0		0
D. On Call	20,000	-	20,000
TOTAL	5,343,413	777,864	6,121,277

The PMC reviewed this task order amendment and found it to be acceptable.

ATTACHMENT(S):

1. Draft Task Order 17, Amendment 6
2. HMG Cost Proposal Task Order 17, Amendment 6

Prepared by: Program Management Consultant

John W. Glatzmaier

John Glatzmaier, P.E.

Jacobs

October 19, 2018

Date

Submitted by: Co-Executive Directors

Michael J. Redlinger Fargo Assistant City Administrator
--

<i>Concur: October 23, 2018 Non-Concur:</i>

Robert W. Wilson Cass County Administrator

<i>Concur: October 22, 2018 Non-Concur</i>
--

Cc: Technical Advisory Group

- Nathan Boerboom, City of Fargo/Diversion Authority Project Manager
- David Overbo, Clay County Engineer
- Jason Benson, Cass County Engineer
- Robert Zimmerman, Moorhead City Engineer

Houston-Moore Group, LLC

Task Order No. 17, Amendment 56

FMDA Purchase Order No. 174124

Services During Construction – Work Package 42

In accordance with the Master Agreement for Professional Services between **Fargo-Moorhead Flood Diversion Authority** (“Owner”) and **Houston-Moore Group, LLC** (HMG) (“Engineer”), dated May 1, 2017 (“Agreement”), Owner and Engineer agree as follows:

The parties agree that in the event of a conflict between prior versions of this Task Order No. 17 and this Amendment, the terms and conditions in this Amendment shall prevail, provided however, nothing herein shall preclude Engineer from invoicing for work authorized under prior versions of this Task Order and performed prior to effective date of this Amendment, even to the extent such prior work was revised by this Amendment. All other terms and conditions shall remain the same and are hereby ratified and affirmed by the parties.

1. Specific Project Data

- A. Title: SERVICES DURING CONSTRUCTION – WORK PACKAGE 42
- B. Description: Provide Services During Bid (SDB) and Services During Construction (SDC) for projects designed by HMG for the Fargo-Moorhead Area Flood Diversion Project (Project).
- C. Background: The scope of work for this Task Order includes SDB and SDC. Owner will be issuing various construction packages for bid. Engineer will assist Owner with SDC, including SDB. It is anticipated that the following construction contracts will be required:
 1. WP-42A.1, A.3 – Red River Levees – 4th Street Lift Station, Gatewell, and Outfall Structure
 2. WP-42A.2 – Red River Levees – 2nd Street Lift Station and Gatewell Structure
 3. WP-42F.1S – Flood Control, 2nd Street North, South of Pump Station
 4. WP-42H.2 – El Zagal Area Flood Risk Management – Phase 2 (SDB and SDC)
 5. WP-42I.1 – Mickelson Levee Extension (SDB and SDC)
 6. WP-42C.2 – Park East Demolition (SDB and SDC)
 7. WP-42C.1 – HoJo, Old Shakey’s, and FPS Demolition (SDB and SDC)
 8. WP-42F.1N – Flood Control, 2nd Street North, North of Pump Station (SDB only)
 9. WP-42F.2 - Flood Control, 2nd Street South, (Park East) (SDB and SDC)
 10. WP-42G – General Landscaping and Plantings (SDB and SDC)
 - 10.11. WP-42E – 2nd St. So. and Main Ave. Flood Mitigation (SDB and SDC)

2. Services of Engineer

The following functions and activities describe the general services authorized under this Task Order, Engineer will perform activities to accomplish the scope described herein, as well as other services that may be mutually agreed to by the parties pursuant to the terms of the Agreement.

A. SERVICES DURING BIDDING

1. Respond to bidder inquiries forwarded by Owner's Representative during advertisement period and prepare addenda as necessary to provide a clear, biddable set of solicitation documents.
2. Attend and participate in pre-bid meetings and site visits.
3. Attend bid openings and, if requested, assist in evaluation of bids.
4. Incorporate addenda into the plans and technical specifications to create a set of Contract Award Documents.
5. Prepare a submittal register based on the Contract Documents indicating required submittals, the specific technical submittals requiring review and/or approval by the Engineer, and administrative submittals that can be reviewed by the Owner's Representative.

B. SERVICES DURING CONSTRUCTION

1. Comply with the general guidelines of the Memorandum for Record No. 018 (MFR-018) "Fargo-Moorhead Metro (FMM) Flood Risk Management (FRM) Project - Sponsor Constructed Features Roles and Responsibilities" between the Diversion Authority, US Army Corps of Engineers (USACE), and the Program Management Consultant (PMC) as modified herein.
2. Fulfill the duties of Engineer in accordance with the specific requirements of the Contract Documents for each project. Follow project documentation requirements provided by the PMC.
3. Participate in one or more partnering meetings.
4. Comply with Owner's and Contractor's safety plans.
5. Provide a Resident Project Representative (RPR) that will represent the Engineer and Owner's Representative. RPR will have the duties and defined in the Contract Documents for each project.
6. Provide Quality Assurance Managers and/or Project Engineers to perform general field observation and manage the specific inspections to be performed by third party materials testing firm, and other specialty inspection agents as needed.
 - a. Validate results of tests and inspections, oversee retesting or other actions needed to reconcile deficiencies.
 - b. Maintain a log for each type of test conducted.
 - c. Prepare Daily Reports and submit to Owner's Representative and City of Fargo.
 - d. Prepare Weekly Reports for each project documenting the work performed by Contractor, Quality Assurance activities performed, and current issues and challenges.
7. Respond to Requests for Information and other construction communication provided by the Owner's Representative.

8. Review shop drawings, samples, and operation and maintenance manuals for conformance with the Contract Documents.
9. Lead development and scoping, and coordinate Contractor pricing of Change Orders or other modifications that affect the design or function of the Project, and provide drafts to PMC for review and approval recommendation to Owner.
10. Perform the following survey tasks in accordance with MRF-015, Survey Standards:
 - a. Additional project control, if required.
 - b. Benchmark checks during construction.
 - c. Existing conditions surveys.
 - d. Quantity surveys for Contractor's monthly payment application.
 - e. As-built construction surveys
11. Maintain a set of full-scale contract drawings indicating as-built conditions. Assemble redline information from Contractor, Engineer's Resident Project Representative, and other sources to maintain these drawings.
12. Prepare or review site visit reports for site visits by Engineer, USACE or their external peer review team, or other authorities.
13. Provide commissioning activities, including equipment testing, demonstrations of capability and operability, and training of operating staff.
- ~~13.14.~~ Assist Owner's Representative with determination of monthly pay application quantities.
- ~~14.15.~~ Identify issues on a punch list for the Contractor to resolve. Upon completion of punch list items, coordinate a final inspection. Document each inspection.
- ~~15.16.~~ Following completion of construction, update the Design Document Report to reflect the design changes, contract modifications, site conditions encountered, testing, and submittals.
- ~~16.17.~~ Provide Final As-Built drawings in conformance with the same standards as the design drawings.
- ~~17.18.~~ Prepare a post construction Inspection and Monitoring Plan specifying annual inspections required to verify satisfactory maintenance and performance of the flood risk management features.
- ~~18.19.~~ Provide flood risk reduction certifications as required by Owner.
- ~~19.20.~~ Deliverables:
 - a. Contract Award Document(s)
 - b. Log of QCTests
 - c. Daily Reports
 - d. Weekly Reports
 - e. Site Visit Reports
 - f. Punch List(s)

- g. Updated Design Document Report
- h. Final As-Built Drawings
- i. Inspection and Monitoring Plan
- j. Flood Risk Reduction Certifications

C. PROJECT MANAGEMENT (budget for these tasks included in Subtask 2.B)

- 1. Provide project management, including monthly status reports and invoicing to PMC, on Engineer’s task activity.
- 2. Participate in regular and periodic meetings or teleconferences with contractors, the Owner’s Representative, City of Fargo, Owner, and USACE.
- 3. Deliverables:
 - a. Monthly status reports and invoices

D. ON-CALL SERVICES

- 1. Respond to requests for services from Owner or Owner’s Representative for tasks not included in individual Task Orders. Services will be provided only with written authorization from Owner or Owner’s Representative.
- 2. Deliverables:
 - a. On-call services deliverables as requested.

3. Owner’s Responsibilities

Owner shall have those responsibilities set forth in the Agreement.

4. Times for Rendering Services

<u>Subtask</u>	<u>Start Time</u>	<u>Completion Time</u>
All Work	July 10, 2014	September 30, 2016
Amendment 2	January 28, 2016	June 30, 2017
Amendment 3	May 1, 2016	July 31, 2017
Amendment 5	July 31, 2017	December 31, 2018
<u>Amendment 6</u>	<u>October 24, 2018</u>	<u>June 30, 2020</u>

5. Payments to Engineer

- A. Owner shall pay Engineer for services rendered as follows:
 - I. Compensation for services in Subtasks A, B, and C shall be on a Time and Material basis in accordance with the Standard Hourly Rates shown in Paragraph 14 of the Agreement.
 - II. The budgets for Subtask D is an allowance.
- B. Engineer will notify Owner when 80 percent of the budget is expended.
- C. Engineer will submit an amendment for additional compensation when 90 percent of the budget is expended, or confirm to Owner that this Task Order can be completed for the remaining budget.

- D. Engineer will not perform work beyond 100 percent of the budget without Owner’s authorization by an amendment to this Task Order.

Subtask	Activity ID	Current Budget (\$)	Change (\$)	Revised Budget (\$)
A. Services During Bid	CN-9520 WP-42SDC	172,000 190,000	(18,000)	172,000 172,000
B. Services During Construction	CN-9520 WP-42SDC	5,151,413 4,321,000	777,864 830,413	5,929,275 5,151,413
C. Project Management	CN-9520 WP-42SDC	0 401,000	-401,000	0
D. On-Call Services	CN-9520 WP-42SDC	20,000	0	20,000 0
TOTAL		5,343,413 4,932,000	777,864 413	6,121,275 5,343,413

- E. The terms of payment are set forth in Paragraph 15 of the Agreement.
 F. When invoicing work, Engineer shall note the Activity ID (shown in the table above) associated with each invoiced activity.

6. Sub consultants:

- A. Barr Engineering (geotechnical inspections and support)
 B. SRF (signaling and lighting and landscaping)

7. Other Modifications to Agreement: No additions or modifications

8. Attachments: None.

9. Documents Incorporated By Reference:

- A. Agreement between Owner and Engineer for Professional Services -Task Order Edition, dated ~~March 8, 2012~~ May 1, 2017.
 B. AWD-00050 REV-0, Services During Bidding-WP-42F.1S, dated July 9, 2015.
 C. AWD-00052 REV0, WP-42C.2 SDC and WP-42C.1 SDB, dated November 12, 2015.
 D. AWD-00058 REV0, WP-42F.1N SDC and WP-42F.2 SDB, dated May 12, 2016.
E. AWD-00059 REV0, WP-42F.1S, WP-42H.2, and WP-421.1 additional SDC, dated May 26, 2016.
E.F. HMG cost proposal received October 17, 2018.

10. **Terms and Conditions:** Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is July 10, 2014.

ENGINEER:
Houston-Moore Group, LLC

OWNER:
Fargo-Moorhead Metro Diversion Authority

Signature Date
Jeffry J. Volk

Name

President

Title

DESIGNATED REPRESENTATIVE FOR
TASK ORDER:

C. Gregg Thielman

Name

Sr. Project Manager

Title
925 10th Avenue East
West Fargo, ND 58078

Address

cgthielman@houstoneng.com

E-Mail Address

(701) 237-5065

Phone

Fax

Signature Date
Michael J. Redlinger Timothy J. Mahoney

Name

Co-Executive Director Chairman, Flood Diversion
Board of Authority

Title

DESIGNATED REPRESENTATIVE FOR
TASK ORDER:

Nathan Boerboom Michael J. Redlinger

Name

Diversion Authority Project Manager Assistant City
Administrator, City of Fargo

Title
200 3rd Street North
Fargo, ND 58102

Address

mredlinger nboerboom@cityoffargo.com

E-Mail Address


(701) 476-41356743

Phone

(701) 476-4136

Fax

Received October 9, 2018,
Revised October 17, 2018

 FM Metro Risk Management Project HMG Task Order No. 17 - Services During Construction - WP42E																
Task	Activity Description	Personnel Costs												Cost Per Task		
		Senior Project Manager		Project Manager		Professional Engineer I		Graduate Engineer		2M Crew		CADD Technician III			Administrative Assistant	
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		Hours	Cost
WP42E - Services During Construction (Assume a 280 work day construction timeline for WP42F1North - Oct 15, 2018 to July 1, 2020)																
Task 2.B.3	Participate in Preconstruction Meeting - Assume 1 meetings	1	\$ 240	2	\$ 400	2	\$ 368	2	\$ 278		\$ -	0	\$ -	0	\$ -	\$ 1,286
Task 2.B.5	Provide a Resident Project Representative (RPR) that will represent the Engineer and Owner's Representative. RPR will have the duties and defined in the Contract Documents for each project. - Generally Assume 40 work days in 2018 at 5 hours a day, 210 work days in 2019 at 10 hours a day, and 30 work days in 2020 at 4 hours a day.	8	\$ 1,920	20	\$ 4,000	40	\$ 7,360	2420	\$ 336,380		\$ -		\$ -	40	\$ 3,320	\$ 352,980
Task 2.B.6	Provide Quality Assurance Managers and/or Project Engineers to perform general field observation and manage the specific inspections agents as needed. This includes a) Validate results of tests and inspections, oversee retesting or other actions needed to reconcile deficiencies. b) Maintain a log for each type of test conducted. c) Prepare Daily Reports and submit to Owner's Representative and City of Fargo. d) Prepare a weekly report for each project documenting the work performed by Contractor, Quality Assurance activities performed, and current issues and	4	\$ 960	20	\$ 4,000	40	\$ 7,360	20	\$ 2,780		\$ -		\$ -	16	\$ 1,328	\$ 16,428
Task 2.B.7	Respond to Requests for Information and other construction communication provided by the Owner's Representative	2	\$ 480	40	\$ 8,000	40	\$ 7,360	60	\$ 8,340		\$ -		\$ -	4	\$ 332	\$ 24,512
Task 2.B.8	Review shop drawings, samples, and operation and maintenance manuals for conformance with the Contract Documents	4	\$ 960	40	\$ 8,000	140	\$ 25,760	40	\$ 5,560		\$ -		\$ -	4	\$ 332	\$ 40,612
Task 2.B.9	Lead development and scoping, and coordinate Contractor pricing of change Orders or other modifications that affect the design or function of the Project, and provide drafts to PMC for review and approval recommendation to Owner	2	\$ 480	40	\$ 8,000	40	\$ 7,360	40	\$ 5,560		\$ -		\$ -	16	\$ 1,328	\$ 22,728
Task 2.B.10	Perform the following survey tasks in accordance with MFR-015, Survey Standards: a) Additional project control, if required; b) Benchmark checks during construction; c) Existing conditions surveys; d) Quantity surveys for Contractor's monthly payment application; e) As-built construction surveys.	2	\$ 480	2	\$ 400	8	\$ 1,472	12	\$ 1,668	80	\$ 22,720	8	\$ 1,032		\$ -	\$ 27,772
Task 2.B.11	Maintain a set of full-scale contract drawings indicating as-built conditions. Assemble redline information from Contractor, Engineer's RPR, and other sources to maintain these drawings	2	\$ 480	8	\$ 1,600	20	\$ 3,680	40	\$ 5,560	18	\$ 5,112		\$ -		\$ -	\$ 16,432
Task 2.B.12	Prepare or review site visit reports for site visits by Engineer, USACE or their external peer review team, or other authorities	2	\$ 480	10	\$ 2,000	10	\$ 1,840	10	\$ 1,390		\$ -	0	\$ -	4	\$ 332	\$ 6,042
Task 2.B.13	Be responsible for commissioning activities, including equipment testing, demonstrations of capability and operability, and training of operating staff.	2	\$ 480	4	\$ 800	16	\$ 2,944	16	\$ 2,224		\$ -	0	\$ -	8	\$ 664	\$ 7,112
Task 2.B.14	Assist Owner's Representative with determination of monthly pay application quantities.	2	\$ 480	20	\$ 4,000	60	\$ 11,040	120	\$ 16,680		\$ -	0	\$ -		\$ -	\$ 32,200
Task 2.B.15	Identify issues on a punch list for the Contractor to resolve. Upon completion of punch list items, coordinate a final inspection. Document each inspection.	2	\$ 480	20	\$ 4,000	12	\$ 2,208	25	\$ 3,475		\$ -	0	\$ -		\$ -	\$ 10,163
Task 2.B.16	Following completion of construction, update the Design Documentation Report to reflect the design changes, contract modifications, site conditions encountered, testing, and submittals	16	\$ 3,840	16	\$ 3,200	30	\$ 5,520	12	\$ 1,668		\$ -	24	\$ 3,096	16	\$ 1,328	\$ 18,652
Task 2.B.17	Provide Final As-Built drawings in conformance with the same standards as the design drawings (WP42E) -	2	\$ 480	8	\$ 1,600	20	\$ 3,680	40	\$ 5,560		\$ -	40	\$ 5,160	8	\$ 664	\$ 17,144
Task 2.B.18	Prepare a post construction Inspection and Monitoring Plan specifying annual inspections required to verify satisfactory maintenance and performance of the flood risk management features.	2	\$ 480	20	\$ 4,000	20	\$ 3,680	20	\$ 2,780		\$ -		\$ -	4	\$ 332	\$ 11,272
Task 2.B.19	Provide flood risk reduction certifications as required by owner or Diversion Authority	8	\$ 1,920	24	\$ 4,800	40	\$ 7,360	16	\$ 2,224		\$ -		\$ -	2	\$ 166	\$ 16,470
	Total	61	\$ 14,640	294	\$ 58,800	538	\$ 98,992	2893	\$ 402,127	98	\$ 27,832	72	\$ 9,288	122	\$ 10,126	\$ 621,805
WP42E - Project Management																
Task 2.C.1	Provide project management, including monthly status reports and invoicing to Owner on Engineer's task activity - Assume 280 work day construction timeline and approximately 1 hour per week (including prep.) for PM and Prof. Eng.	0	\$ -	0	\$ -	56	\$ 10,304	56	\$ 7,784		\$ -		\$ -		\$ -	\$ 18,088
Task 2.C.2	Participate in regular and periodic meetings or teleconferences with contractors, the Owner's Representatives, Owner, and USACE - Assume 280 work day construction timeline and approximately 2 hour per week (including prep.) for PM and Prof. Eng.	0	\$ -	0	\$ -	112	\$ 20,608	112	\$ 15,568		\$ -		\$ -		\$ -	\$ 36,176
	Total	0	\$ -	0	\$ -	168	\$ 30,912	168	\$ 23,352	0	\$ -	0	\$ -	0	\$ -	\$ 54,264
	Geotechnical Support - Proposal from Barr - \$46,000 plus 10% markup															\$ 50,600
	Landscaping and Electrical Technical Support - SRF - \$42,700 plus 10% markup															\$ 46,970
	Expenses (WP42E) Based on 280 work day construction timeline and travel for construction observation and periodic inspections, assume 5,000 miles of mileage at 0.545 plus \$1,500 for other misc. expenses.															\$ 4,225
	Grand Totals	61	\$ 14,640	294	\$ 58,800	706	\$ 129,904	3061	\$ 425,479	98	\$ 27,832	72	\$ 9,288	122	\$ 10,126	\$ 777,864



September 24, 2018

Houston-Moore Group, LLC
Attn: Gregg Thielman

**Re: Proposal to Provide Geotechnical Construction Observation Support for Levee, Pump Station and Floodwalls at 2nd Street and Main Avenue in Downtown Fargo, Work Package 42E (WP42E) Services During Construction (SDC) – Task Order No. 17
Fargo Moorhead Metro Area Diversion Project
Cass County, North Dakota**

Dear Mr. Thielman:

We are pleased to submit for your consideration a proposal to provide geotechnical services for a proposed pump station, levee and floodwall (Work Package 42E) at Main Avenue and 2nd Street in downtown Fargo. Thank you for considering Barr Engineering Co. (Barr) for this job. This proposal follows Barr's work related to the previously authorized Task Order 13 performing WP42E geotechnical analysis and design, last amended on January 25, 2018. This proposal is for Services During Construction under Task Order 17.

Scope

The proposed scope of Barr's professional consulting services includes:

HMG has requested an estimate for construction observation support for an assumed period of 26 weeks commencing in May of 2019. The proposed scope of Barr's professional consulting services is proposed to include 26 weeks of construction observation support intended to also serve as a basis for completion of the construction portion of the DDR for these work phases:

- One 2-day site visit during pump station excavation;
- One 2-day site visit during pump station backfill;
- One 2-day site visit during floodwall excavation;
- One 2-day site visit during floodwall backfill or other work;
- One 2-day site visit during miscellaneous excavation;
- One 2-day site visit during miscellaneous backfill;
- 26 weeks of office support, reviewing daily field reports, coordination w/ PMC and HMG on site RPR;
- 26 weeks of participation in weekly construction conference calls;
- Compile construction report for WP42E Design Documentation Report and coordinate w/ on site RPR for RPR contributing sections;

- Compile construction report for WP42A3 Design Documentation Report and coordinate w/ on site RPR for RPR contributing sections;

Additional Barr services could be provided on a time and expense basis and are available upon request.

Schedule

The following timeline is estimated for completion of the work, but is flexible:

- Barr assumes in-the-field construction observation support will be required for an assumed period of 26 weeks commencing in May of 2019.
- All tasks and deliverables will be completed 52 weeks after receiving authorization to proceed and receipt of the necessary project design information from HMG. Barr will coordinate with the design team as design progresses to complete this work on an acceptable timeline.

Cost

The estimated cost to provide these tasks is as follows:

- **Total for all tasks: \$46,000 (this cost assumes 300 hours of Barr staff time);**

We intend to perform these services on a time and expense basis in accordance with the agreement between Barr Engineering Co. and Houston-Moore Group, LLC. Please contact us if you have any questions about this proposal, and we look forward to continuing collaboration with you in the near future.


Respectfully Submitted for Your Consideration,



Matt Metzger, P.E.
Project Manager



Brian LeMon, P.E.
Vice President, Barr Engineering Co.

<p>SRF Consulting Group, Inc.</p> <p>Client: Houston-Moore Group. LLC</p> <p>Project: F-M Diversion: 2nd Street/Downtown - In-Town Levees</p> <p>WP42E - 2nd Street S and Main Avenue Flood Mitigation</p> <p>In-construction services</p>	<p>Work Tasks and Person-Hour Estimates</p>	
		7715.23

Subconsultants:

<u>TASK NO.</u>	<u>SUMMARY OF TASKS</u>
1.0	PROJECT COORDINATION
2.0	PROGRESS MEETINGS
3.0	SHOP DRAWING REVIEW
4.0	ON-SITE INSPECTION

Project Overview:

Scope of Work is limited to landscape, lighting, and irrigation in-construction services. Assumes that the HEI team will be taking the lead on general project management, coordination with CH2M, daily construction engineering and inspection, construction survey, measuring and computing pay quantities, contract administration, claims, shop drawings, preparing and submitting final documentation and project closeout. Assumes SRF will be engaged during 2019-2020 active construction operations.

SRF Consulting Group, Inc.


Work Tasks and Person-Hour Estimates

Client: Houston-Moore Group, LLC
 Project: F-M Diversion: 2nd Street/Downtown - In-Town Levees
WP42E - 2nd Street S and Main Avenue Flood Mitigation
In-construction services




7715.23

TASK NO.	TASK DESCRIPTION	PRINCIPAL	SR. ASSOC.	ASSOCIATE	SR. PROF.	PROF.	TECHNICAL	CLERICAL	TOTALS	EST. FEE
1.0	PROJECT COORDINATION <u>Assumptions:</u> CH2M is Owner's Representative, HEI is project design lead SRF to be involved in 12 weeks of active construction in 2019 SRF to be involved in 12 weeks of active construction in 2020 One (1) year plant establishment period to begin after substantial completion Owner to use Aconex Software <u>Client Deliverables:</u> Access to Aconex, day-to-day project management and administration, scheduling coordination meetings.									
1.1	Project management and coordination between HEI and SRF team. Assumes 1 hour per week of active construction for Project Manager	0	24	0	0	0	0	0	24	\$4,320
	SUBTOTAL - TASK 1	0	24	0	0	0	0	0	24	\$4,320
2.0	PROGRESS MEETINGS CH2M to prepare meeting agenda and minutes SRF to attend Pre-Construction Conference by Skype SRF to attend Weekly Progress Meetings only as needed									
2.1	Pre-Construction Meetings	0	2	0	0	0	0	0	2	\$360
2.2	Weekly Progress Meetings (assumes 12 meetings in 2019 and 12 meetings in 2020 all by Skype and one hour in length)	0	12	0	12	0	0	0	24	\$3,972
	SUBTOTAL - TASK 2	0	14	0	12	0	0	0	26	\$4,332
3.0	SHOP DRAWING REVIEW <u>Assumptions:</u> Assumes Use of Aconex Software									
3.1	Review and respond to shop drawing submittals and RFIs for Electrical	0	36	0	0	0	0	0	36	\$6,480
3.2	Review and respond to shop drawing submittals and RFIs for Landscape	0	8	0	36	0	0	0	44	\$6,876
3.3	Review and respond to shop drawing submittals and RFIs for Irrigation	0	8	0	0	0	0	0	8	\$1,440
	SUBTOTAL - TASK 3	0	52	0	36	0	0	0	88	\$14,796

SRF Consulting Group, Inc. Client: Houston-Moore Group, LLC Project: F-M Diversion: 2nd Street/Downtown - In-Town Levees WP42E - 2nd Street S and Main Avenue Flood Mitigation In-construction services	Work Tasks and Person-Hour Estimates	 7715.23
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TASK NO.	TASK DESCRIPTION	PRINCIPAL	SR. ASSOC.	ASSOCIATE	SR. PROF.	PROF.	TECHNICAL	CLERICAL	TOTALS	EST. FEE
4.0	ON-SITE INSPECTION <u>Assumptions:</u> One on-site visit for Electrical for Pump Station One on-site visit for Lead LA for Paver review Two on-site visits by LA Designer for Planting review Additional on-site inspection to be done by local SRF staff On-site visits will each be one full day									
4.1	Mock-up Reviews for Pavers, Colored Concrete, and Floodwall	0	12	0	16	0	0	0	28	\$4,576
4.2	Pump Station start up for Electrical	0	12	0	0	0	0	0	12	\$2,160
4.3	Addition on-site coordination by local SRF staff during SRF active in-construction. Assumes 1hr/wk.	0	2	0	24	0	0	0	26	\$3,984
4.4	Plant layout inspection and review	0	2	0	12	0	0	0	14	\$2,172
4.5	Final Plant Inspection at end of one year warranty	0	2	0	12	0	0	0	14	\$2,172
	SUBTOTAL - TASK 4	0	30	0	64	0	0	0	94	\$15,064
	TOTAL ESTIMATED PERSON-HOURS	0	120	0	112	0	0	0	232	
	AVERAGE HOURLY BILLING RATES	\$210	\$180	\$162	\$151	\$122	\$117	\$85		
	ESTIMATED LABOR AND OVERHEAD	\$0	\$21,600	\$0	\$16,912	\$0	\$0	\$0		\$38,512
	ESTIMATED DIRECT NON-SALARY EXPENSES									\$4,188
	TOTAL ESTIMATED FEE									\$42,700

SRF Consulting Group, Inc. Client: Houston-Moore Group, LLC Project: F-M Diversion: 2nd Street/Downtown - In-Town Levees WP42E - 2nd Street S and Main Avenue Flood Mitigation In-construction services	Work Tasks and Person-Hour Estimates		7715.23
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TASK NO.	TASK DESCRIPTION	PRINCIPAL	SR. ASSOC.	ASSOCIATE	SR. PROF	PROF.	TECHNICAL	CLERICAL	TOTALS	EST. FEE
ESTIMATE OF DIRECT NON-SALARY EXPENSES:										
	MILEAGE:									
	Personal Vehicles			30	Miles @	\$0.535				\$16
	Survey Vehicle			0	Miles @	\$0.650				\$0
	REPRODUCTION:									
	Copy Duplication			40	Copies @	\$0.10				\$4
	Color Copies			80	Copies @	\$0.35				\$28
	AIRFARE:									
	Round Trip			4	Trips @	\$1,000.00				\$4,000
	LODGING:									
	Per Night/Per Employee			0	Nights @	\$125.00				\$0
	MEALS:									
	Per Day/Per Employee			4	Days @	\$35.00				\$140
	PRINTING:									\$0
	SUPPLIES:									\$0
	COMMUNICATIONS:									\$0
	Mail, Express, Etc.									\$0
	Cell Phone Charges			0	Minutes @	\$0.30				\$0
	SUBCONSULTANTS:									\$0
	ESTIMATED DIRECT NON-SALARY EXPENSES									\$4,188

SUMMARY OF COSTS:	PRINCIPAL	SR. ASSOC.	ASSOCIATE	SR. PROF	PROF.	TECHNICAL	CLERICAL	TOTALS
1.0 PROJECT COORDINATION	\$ -	\$ 4,320	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,320
2.0 PROGRESS MEETINGS	\$ -	\$ 2,520	\$ -	\$ 1,812	\$ -	\$ -	\$ -	\$ 4,332
3.0 ON-SITE INSPECTION	\$ -	\$ 9,360	\$ -	\$ 5,436	\$ -	\$ -	\$ -	\$ 14,796
4.0 #REF!	\$ -	\$ 5,400	\$ -	\$ 9,664	\$ -	\$ -	\$ -	\$ 15,064
5.0 0.0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6.0 0.0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7.0 0.0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								\$38,512