

**METRO FLOOD DIVERSION AUTHORITY**

**AGENDA**

**Thursday, March 28, 2019**

**3:30 PM**

Fargo City Commission Chambers  
Fargo City Hall  
225 4<sup>th</sup> 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
5. Administrative/Legal Information/action
6. Public Outreach Information
  - a. Committee report
  - b. Business Leaders Task Force update
7. Land Management Information
  - a. Committee report
8. Finance Information/action
  - a. Committee report **Item 8a.**
  - b. Voucher approval **Item 8b.**
  - c. Recommended contracting actions **Item 8c.**
  - d. 2019 Braun Intertec billing rates **Item 8d.**
9. Other Business
  - a. Preparation for Task Orders 5 and 6
10. Next Meeting – April 11, 2019
11. Adjournment

cc: Local Media

**METRO FLOOD DIVERSION AUTHORITY  
FEBRUARY 28, 2019—3:31 PM**

**1. MEETING TO ORDER**

A meeting of the Metro Flood Diversion Authority was held Thursday, February 28, 2019, at 3:31 PM in the Fargo City Commission Chambers with the following members present: Cass County Commissioner Mary Scherling; Cass County Commissioner Chad Peterson; Cass County Commissioner Rick Steen; Fargo City Mayor Tim Mahoney; Moorhead City Mayor Johnathan Judd; Moorhead City Council Member Chuck Hendrickson; Moorhead City Council Member Joel Paulsen; Clay County Commissioner Kevin Campbell; Clay County Commissioner Grant Weyland; Cass County Joint Water Resource District Manager Roger Olson; and West Fargo City Commissioner Mike Thorstad. Fargo City Commissioner Tony Grindberg and Fargo City Commissioner Dave Piepkorn were absent.

**2. MINUTES APPROVED**

*MOTION, passed*

**Mr. Weyland moved and Mr. Steen seconded to approve the minutes from the January 23, 2019, meeting as presented. Motion carried.**

**3. AGENDA ORDER**

*MOTION, passed*

**Mr. Campbell moved and Mr. Peterson seconded to approve the order of the agenda. Motion carried.**

**4. MANAGEMENT UPDATE**

Martin Nicholson from Jacobs provided an update on activities over the last month which include a trip to Washington, D.C. on February 5-7 to meet with the Congressional Delegation, Corps of Engineers Assistant Secretary of the Army, and Office of Management and Budget; permit application submitted to the Buffalo-Red River Watershed District; testifying to North Dakota Senate Appropriations Committee in support of the funding request; support for \$39 million State of Minnesota funding legislation; and receipt of eight proposals from appraisal firms and related agreements with the Cass County Joint Water Resource District (CCJWRD).

Priorities include continued coordination with legal counsel, MDNR and Corps of Engineers with the objective to dismiss litigation and remove injunction; continued outreach to local entities and MDNR regarding permit status; advertise for rural structure removals work package associated with land purchases; continue with early and voluntary land acquisitions; and initiate appraisals for remaining properties in the channel.

Mr. Nicholson said the project cost-to-date is \$455 million and \$1.3 million has been spent out of the FY2019 first quarter cash budget of \$8.5 million.

**5. ADMINISTRATIVE/LEGAL UPDATE**

*Fredrikson & Byron Agreement*

Attorney John Shockley said for consideration today is a renewal agreement with Fredrikson & Byron, P.A. for Minnesota legislative and lobbying services for a two-year period beginning January 1, 2019, and ending December 31, 2020. The cost is \$3,000 per month. There has been previous requests for additional reports to be provided on a regular basis. The Moorhead City Manager and Clay County Administrator will serve as the primary contacts for the Diversion Authority. Mr. Shockley said Fredrikson & Byron has offered to attend a meeting if the board wishes.

Mr. Campbell discussed Minnesota legislation for \$39 million in funding to complete in-town levee work. Total funding of \$86 million from the State of Minnesota would be provided over two biennium. He said the work provided by Fredrikson & Byron has been invaluable and stressed the importance of their services. He said they plan to provide the board with monthly written progress reports. Mrs. Scherling also suggested one of the Co-Executive Directors be part of the direct line of communication with Fredrikson & Byron.

***MOTION, passed***

**Mr. Campbell moved and Mr. Peterson seconded to approve the agreement with Fredrikson & Byron, P.A. On roll call vote, the motion carried unanimously.**

**6. PUBLIC OUTREACH UPDATE**

*Committee report*

The Public Outreach Committee met on February 27<sup>th</sup>. Mr. Campbell said he and Mrs. Scherling will attend Becker County and Ottertail County board meetings to provide information on the project. The committee discussed legislative activities in both North Dakota and Minnesota as it relates to funding for the project.

*Business Leaders Task Force*

The task force organized a press conference that was held last week to discuss the importance of flood control and the need to continue moving forward with the project.

**7. LAND MANAGEMENT**

The Land Management Committee met on February 27<sup>th</sup>. Mrs. Scherling said the committee discussed letters that will be sent tomorrow to affected property owners regarding the land acquisition process.

Eric Dodds from AE2S said the committee also discussed the proposals received from eight appraisal firms to assist in land acquisitions. The CCJWRD will enter into agreements with all of the companies. He said property owners are anxious to move forward with the acquisition process.

Mr. Judd arrived for the remainder of the meeting.

**8. FINANCE UPDATE**

*Committee report*

The Finance Committee met on February 27<sup>th</sup>. Mr. Steen reviewed the financial report and said there is \$88 million in cash available. The net cash position is \$87.8 million.

***MOTION, passed***

**Mr. Weyland moved and Mr. Peterson seconded to receive and file the Financial Statement for January as presented. Motion carried.**

*Voucher approval*

The bills for the month are 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; and Ohnstad Twichell, P.C. for legal services.

***MOTION, passed***

**Mr. Steen moved and Mr. Peterson seconded to approve the vouchers received through February 22, 2019, in the amount of \$233,576.70. On roll call vote, the motion carried unanimously.**

*Recommended Contracting Actions*

Mr. Nicholson discussed task order amendments approved by the Co-Executive Directors. He reviewed the following contracting actions, which were approved by the Finance Committee:

- Industrial Builders, Inc. (Change Order #1 – 2<sup>nd</sup> Street South and Main Avenue flood mitigation)—remove Main Avenue project overlap work items and add CLSM pipe cradles, foundation debris removal and gate well structure fill for a deduction in the amount of \$240,636.15;
- Meyer Contracting (Change Order #6 – OHB Ring Levee Phases C & D)—balance unit quantities, add various changes to contract and add contract time in the amount of \$203,981.64;
- Houston-Moore Group (Task Order 25, Amendment 02 – Hydrology and Hydraulic Modeling)—add additional scope and budget for Phase 9 modeling tasks and extend period of performance to December 31, 2019 in the amount of \$194,816;
- Houston-Moore Group (Task Order 26, Amendment 01 – Work-In-Kind)—add budget for SEAI local drainage, transportation and utility updates, add scope and budget for SEAI design reviews, and extend period of performance to December 31, 2019 in the amount of \$541,306.

***MOTION, passed***

**Mr. Steen moved and Mr. Peterson seconded to approve the contracting actions as presented. On roll call vote, the motion carried unanimously.**

*Houston-Moore Group (HMG) and Jacobs labor rates for 2019*

Michael Redlinger, Co-Executive Director and Assistant Fargo City Administrator, said Houston-Moore Group and Jacobs (Program Management Consultant team which includes AE2S) may request annual labor rate adjustments up to an average of 3.5% to 3% respectively. The adjustments are included in the 2019 budget and are part of the Master Services Agreements with both firms. The Finance Committee approved the request.

***MOTION, passed***

**Mr. Steen moved and Mr. Weyland seconded to approve the 2019 labor rates for Houston-Moore Group and Jacobs as presented. On roll call vote, the motion carried unanimously.**

**9. OTHER BUSINESS**

Mr. Olson asked about plans for the intersection of County Road 16 and County Road 17. Jason Benson, Cass County Engineer, said the temporary bypass road will remain in the current location. He said the legal team has been reviewing what work can be done and if there are no issues with working on the road, temporary maintenance paving will be done to improve the surface. Cass County would complete the work and would request reimbursement from the Diversion Authority.

**10. NEXT MEETING DATE**

The next meeting is scheduled for Thursday, March 14, 2019. Mrs. Scherling anticipates the meeting will be cancelled if there are no contracting actions. The board would then meet on Thursday, March 28, 2019.

**11. ADJOURNMENT**

***MOTION, passed***

**On motion by Mr. Peterson, seconded by Mr. Campbell, and all voting in favor, the meeting was adjourned at 4:16 PM.**

**METRO FLOOD DIVERSION AUTHORITY  
MARCH 19, 2019—2:16 PM**

**1. MEETING TO ORDER**

A special meeting of the Metro Flood Diversion Authority was called to order on Tuesday, March 19, 2019, at 2:16 PM in the Fargo City Commission Chambers with the following members present: Cass County Commissioner Mary Scherling; Cass County Commissioner Chad Peterson; Fargo City Mayor Tim Mahoney; Fargo City Commissioner Tony Grindberg; Fargo City Commissioner Dave Piepkorn; Moorhead City Mayor Johnathan Judd; Moorhead City Council Member Chuck Hendrickson; Moorhead City Council Member Joel Paulsen; Clay County Commissioner Kevin Campbell; Clay County Commissioner Grant Weyland; Cass County Joint Water Resource District Manager Roger Olson; and West Fargo City Commissioner Mike Thorstad. Cass County Commissioner Rick Steen was absent.

**2. PROJECT PARTNERSHIP AGREEMENT (PPA), Amendment No. 1 approved**

The Project Partnership Agreement between the Department of the Army Corps of Engineers, City of Fargo, City of Moorhead, and Metro Flood Diversion Authority has been amended to increase the federal participation amount to \$750,000,000 for the project.

***MOTION, passed***

**Mr. Mahoney moved and Mr. Campbell seconded to approve Amendment No. 1 to the Project Partnership Agreement between the Department of the Army, City of Fargo, North Dakota, City of Moorhead, Minnesota, and Metro Flood Diversion Authority. On roll call vote, the motion carried unanimously.**

A signing ceremony of the PPA took place immediately after the meeting.

**3. NEXT MEETING DATE**

The next meeting will be held on Thursday, March 28, 2019.

**4. ADJOURNMENT**

***MOTION, passed***

**On motion by Mr. Peterson, seconded by Mr. Paulsen, and all voting in favor, the meeting was adjourned at 2:17 PM.**

FM Metropolitan Area Flood Risk Management Project  
 Fiscal Accountability Report Design Phase (Fund 790)  
 As of 02/28/2019

	2011	2012	2013	2014	2015	2016	2017	2018	2019	Cumulative Totals
<b>Revenues</b>										
City of Fargo	443,138	7,652,681	7,072,961	19,373,131	28,310,373	35,212,877	31,790,784	30,068,553	5,788,638	165,713,136
Cass County	443,138	7,652,681	7,072,961	19,373,131	28,310,373	111,715,540	14,193,826	14,066,719	2,433,696	205,262,064
State Water Commission			3,782,215	602,918	31,056,740	101,436,302	23,650,143	10,229,504	376,375	171,134,197
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	31,034	-	114,613
Lease/Rental Payments			17,358	154,180	180,341	260,806	350,720	466,494	-	1,429,899
Asset Sales				616,774	315,892	175,190	117,079	-	-	1,224,935
Interest Income							505,157	1,246,875	322,448	2,074,480
Miscellaneous			226	626	427			356	-	1,635
<b>Total Revenues</b>	<b>984,751</b>	<b>17,005,957</b>	<b>19,517,490</b>	<b>44,425,900</b>	<b>94,465,340</b>	<b>235,574,227</b>	<b>70,657,409</b>	<b>56,109,535</b>	<b>8,921,157</b>	<b>547,661,765</b>
<b>Expenditures</b>										
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	958,066	132,385	3,104,373
7915 WIK - Project Design	149,632	5,366,147	3,220,859	9,118,723	4,660,226	2,719,505	2,631,656	2,426,701	117,058	30,410,508
7920 WIK - Project Management	679,037	7,223,650	4,695,477	3,579,339	4,500,955	8,464,392	14,714,801	7,061,890	1,113,578	52,033,119
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	8,758,761	232,675	176,054,056
7931 LERRDS - Minnesota		27,996	287,907	13,068	32,452	1,815,566	35,457	4,354	560	2,217,360
7940 WIK Mitigation - North Dakota				587,180			225,293	100,316	-	912,789
7941 WIK Mitigation - Minnesota										-
7950 Construction - North Dakota				1,738,638	19,269,055	42,263,916	5,976,235	805,378	643,589	70,696,810
7951 Construction - Minnesota										-
7952 Construction - O/H/B				11,282,504	5,044,001	776,720	7,365,462	7,478,270	190,422	32,137,379
7955 Construction Management				556,209	2,867,422	5,182,366	1,498,050	294,744	69,731	10,468,522
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	9,975,391	678,466	25,297,722
7995 Project Eligible - Off Formula Costs										-
7999 Non Federal Participating Costs	116						221,568			221,684
<b>Total Expenditures</b>	<b>984,750</b>	<b>17,005,957</b>	<b>11,990,261</b>	<b>45,324,414</b>	<b>95,896,147</b>	<b>161,199,358</b>	<b>83,439,726</b>	<b>37,892,409</b>	<b>3,178,464</b>	<b>456,911,486</b>

**FM Metropolitan Area Flood Risk Management Project**  
**Statement of Net Position**  
**February 28, 2019**

	<u>Amount</u>
<b>Assets</b>	
Cash	\$ 91,074,820
Receivables	
State Water Commission *	149,032
Proceeds from Oxbow Lot Sales	796,881
<b>Total assets</b>	<u><b>92,020,734</b></u>
<b>Liabilities</b>	
Retainage payable	1,269,455
Rent Deposit	1,000
<b>Total liabilities</b>	<u><b>1,270,455</b></u>
<b>NET POSITION</b>	<u><b>\$ 90,750,279</b></u>

\* Receivable balance is as of 1.31.2019

FM Metropolitan Area Flood Risk Management Project  
 FY 2019 Summary Budget Report ( In Thousands)  
 As of 28 Feb 2019

	Q1 2019 Approved Budget	Current Month	Fiscal Year To Date	% Expended	Outstanding Encumbrances	Remaining Budget Balance
<b>Revenue Sources</b>						
City of Fargo	-	3,143	5,789			
Cass County	-	1,211	2,434			
State of ND - 50 % Match	-		227			
State of ND - 100% Match	-	149	149			
State of Minnesota	-		-			
Other Agencies	-		-			
Financing Proceeds	-	322	322			
Reimbursements	-		-			
Sales of Assets	-		-			
Property Income	-		-			
Miscellaneous	-		-			
<b>Total Revenue Sources</b>	<b>8,479</b>	<b>4,826</b>	<b>8,921</b>	<b>-</b>	<b>-</b>	<b>(442)</b>
<b>Funds Appropriated</b>						
Diversion Channel & Assoc. Infrastructure	310	141	348	0%	2,876	(2,914)
Southern Embankment & Assoc. Infrastructure	5	9	19	370%	2,336	(2,350)
Other Mitigation Projects	244	184	273	112%	737	(766)
In-Town Flood Protection	3,505	656	695	20%	8,023	(5,213)
Enabling Work / Other	36	-	0	0%	-	36
Land Acquisition & Mitigation	693	110	344	50%	32,388	(32,039)
Engineering & Design Fees	1,240	50	190	15%	5,853	(4,803)
Program Management	1,534	268	650	42%	23,922	(23,037)
Contingency	-	-	0	0%	-	-
Debt Service	912	448	660	72%	630	(379)
Maintenance	-	-	0	0%	-	-
<b>Total Appropriations</b>	<b>8,479</b>	<b>1,866</b>	<b>3,178</b>	<b>37%</b>	<b>76,765</b>	<b>(71,465)</b>



**METRO FLOOD DIVERSION AUTHORITY**

Monday, 11 March 2019

Data Through Date: Thursday, February 28, 2019

**Summary of Expenses**

EXP-2019-01

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
790-0000-206.10-00	2/8/2019	294321	MEYER CONTRACTING INC	\$113,130.93	Pay Retainage PO 194201	V04401	OHB RING LEVEE PHASES C&D
<b>Retainage</b>				<b>\$113,130.93</b>			
790-7910-429.33-20	2/27/2019	JB02190018	CITY OF FARGO-AUDITORS OFFICE	\$5,203.31	CHARGE FOR COF TIME-02/19	V00102	General & Admin. WIK
<b>Other Services / Accounting Services</b>				<b>\$5,203.31</b>			
790-7910-429.33-25	3/6/2019	721	P CARD BMO	\$53,080.15	OHNSTAD TWICHELL ATTOR	V00102	General & Admin. WIK
	2/28/2019	294796	OXBOW, CITY OF	\$487.50	TURMAN & LANG	V02407	OXBOW MOU-LEGAL SERVICES
<b>Other Services / Legal Services</b>				<b>\$53,567.65</b>			
790-7915-429.33-05	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$5,648.00	LEVEE DESIGN & SUPPORT	V01613	LEVEE DESIGN & SUPPORT
	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$4,748.25	PERMIT SUBMITTAL PREP	V01616	PERMIT SUBMITTAL PREP
	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$5,127.00	TASK 26 WORK IN KIND	V01626	WORK-IN-KIND (WIK)
	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$225.75	RIVER STAGE 37 PLANNING	V01627	RIVER STAGE 37FT PLANNING
<b>Other Services / Engineering Services</b>				<b>\$15,749.00</b>			
790-7920-429.33-05	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$34,250.11	PROJECT MANAGEMENT	V01601	HMG - PROJECT MANAGEMENT
<b>Other Services / Engineering Services</b>				<b>\$34,250.11</b>			
790-7920-429.33-79	2/21/2019	294600	CH2M HILL ENGINEERS INC	\$355,657.43	INTERIM PROGRAM MGMT	V00208	CH2M HILL-4.2.18-10.12.18
	2/21/2019	294600	CH2M HILL ENGINEERS INC	\$82,306.00	COST EST & PLAN B SERVICE	V00209	CH2M HILL-7/27-12/28/18
	2/28/2019	294796	OXBOW, CITY OF	\$6,171.45	MOORE ENGINEERING, INC.	V02421	OXBOW MOU-MOORE PROJ MGMT
<b>Other Services / Construction Management</b>				<b>\$444,134.88</b>			
790-7930-429.33-05	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$5,459.50	LAND MANAGEMENT SERVICES	V01606	LAND MANAGEMENT SERVICES
	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$920.00	BOUNDRY SURVEYING	V01628	BOUNDARY SURVEYING SRVCS
	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$8,724.50	PROPERTY STRUCTURE LITIGA	V01630	PROPERTY STRUCTURE MITGTN
<b>Other Services / Engineering Services</b>				<b>\$15,104.00</b>			
790-7930-429.33-25	3/6/2019	721	P CARD BMO	\$13,775.18	DORSEY AND WHITNEY LLP	V00101	Dorsey Whitney Legal
	3/6/2019	721	P CARD BMO	\$2,361.50	OHNSTAD TWICHELL ATTOR	V00103	General & Admin. LERRDS
<b>Other Services / Legal Services</b>				<b>\$16,136.68</b>			
790-7950-429.33-05	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$1,217.50	TASK 29 COMPLIANCE OBSERV	V01629	WORK COMPLIANCE OBSERV.
<b>Other Services / Engineering Services</b>				<b>\$1,217.50</b>			
790-7950-429.33-25	3/6/2019	721	P CARD BMO	\$264.00	OHNSTAD TWICHELL ATTOR	V00102	General & Admin. WIK
<b>Other Services / Legal Services</b>				<b>\$264.00</b>			
790-7950-429.73-52	2/21/2019	294631	INDUSTRIAL BUILDERS INC	\$620,658.00	2 ST & MAIN AV FLOOD MITI	V02825	2ND ST S FLOOD MITIGATION

**METRO FLOOD DIVERSION AUTHORITY**

Monday, 11 March 2019

Data Through Date: Thursday, February 28, 2019

**Summary of Expenses**

EXP-2019-01

Account_Number	Check Date	Check Number	Vendor_Name	Transaction Amount	Description	Project Number	Project_Description
<b>Infrastructure / Flood Control</b>				<b>\$620,658.00</b>			
790-7952-429.33-05	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$43,901.31	TASK 23 CONST SERVICES	V01623	CONSTRUCTN/BID SVCS WP43
<b>Other Services / Engineering Services</b>				<b>\$43,901.31</b>			
790-7952-429.73-52	2/8/2019	294321	MEYER CONTRACTING INC	\$116,615.07	OHB RING LEVEE	V04401	OHB RING LEVEE PHASES C&D
<b>Infrastructure / Flood Control</b>				<b>\$116,615.07</b>			
790-7955-429.33-05	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$35,496.51	WORK PKG 42 CONST SERVICE	V02806	CONSTRUCTION SVCS WP42
<b>Other Services / Engineering Services</b>				<b>\$35,496.51</b>			
790-7990-429.33-05	2/21/2019	294630	HOUSTON-MOORE GROUP LLC	\$1,740.00	PROCUREMENT SUPPORT	V01621	P3 RFP PROCUREMENT SUPPRT
<b>Other Services / Engineering Services</b>				<b>\$1,740.00</b>			
790-7990-429.33-25	3/6/2019	721	P CARD BMO	\$5,843.53	OHNSTAD TWICHELL ATTOR	V00102	General & Admin. WIK
<b>Other Services / Legal Services</b>				<b>\$5,843.53</b>			
790-7990-429.34-55	2/21/2019	294639	JP MORGAN CHASE-LOCKBOX PROCESSING	\$8,143.20	FINANCIAL ADVISERY SERVIC	V03301	PPP FINANCL ADVISORY SVCS
<b>Other Services / Financial Advisor</b>				<b>\$8,143.20</b>			
790-7990-520.80-20	2/21/2019	294597	CASS COUNTY TREASURER	\$228,533.94	JAN 2019 INTEREST	V02906	\$100M 2017 CASS WF ADVANC
	2/28/2019	JB02190023	CITY OF FARGO-AUDITORS OFFICE	\$106,596.58	1.2.19 WF INTEREST PMT	V02905	\$100M 2017 COF WF ADVANCE
	2/28/2019	JB02190023	CITY OF FARGO-AUDITORS OFFICE	\$112,675.15	2.1.19 WF INTEREST PMT	V02905	\$100M 2017 COF WF ADVANCE
<b>Debt Service / Interest on Bonds</b>				<b>\$447,805.67</b>			
<b>Total Amount Invoiced this period</b>				<b>\$1,978,961.35</b>			
				<b>\$113,130.93</b>	<b>Less Paid Retainage</b>		
				<b>\$1,865,830.42</b>	<b>Total Less Paid Retainage</b>		

FM Metropolitan Area Flood Risk Management Project  
Cumulative Vendor Payments Since Inception  
As of February 28, 2019

Vendors	Approved Contract/Invoice Amount	Liquidated	Outstanding Encumbrance	Purpose
CASS COUNTY JOINT WATER RESOUR	\$ 203,446,010.61	\$ 171,273,535.06	\$ 32,172,475.55	Land Purchases, O/H/B Ring Levee, DPAC, & ROE
CH2M HILL ENGINEERS INC	\$ 70,169,715.97	\$ 46,958,247.22	\$ 23,211,468.75	Program, Project, Construction and Land Management
ARMY CORP OF ENGINEERS	\$ 53,159,000.00	\$ 53,159,000.00	\$ -	Local Share
HOUSTON-MOORE GROUP LLC	\$ 49,192,497.44	\$ 41,603,181.01	\$ 7,589,316.43	Engineering Services
INDUSTRIAL BUILDERS INC	\$ 48,286,047.16	\$ 40,368,695.20	\$ 7,917,351.96	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	\$ 15,463,849.44	\$ 15,121,314.56	\$ 342,534.88	MOU Agreement
MEYER CONTRACTING INC	\$ 12,149,874.79	\$ 11,945,893.15	\$ 203,981.64	Construction/Demolition Services
CITY OF FARGO	\$ 9,802,742.65	\$ 9,802,742.65	\$ -	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	\$ 6,478,397.29	\$ 6,478,397.29	\$ -	Legal Services
CASS COUNTY TREASURER	\$ 4,988,242.12	\$ 4,772,583.01	\$ 215,659.11	Property Taxes and Bank Loan Advance DS Payments
JP MORGAN CHASE-LOCKBOX PROCES	\$ 3,377,000.00	\$ 2,746,626.73	\$ 630,373.27	Financial Advisor
OHNSTAD TWICHELL PC	\$ 2,878,542.80	\$ 2,878,542.80	\$ -	ROE and Bonding Legal Fees
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
LANDWEHR CONSTRUCTION INC	\$ 2,316,627.66	\$ 2,305,622.16	\$ 11,005.50	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	\$ 1,639,524.33	\$ 1,639,524.33	\$ -	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	\$ 909,149.49	\$ 830,520.16	\$ 78,629.33	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	\$ 556,730.03	\$ 554,224.43	\$ 2,505.60	Legal Services
CROWN APPRAISALS INC	\$ 500,000.00	\$ 500,000.00	\$ -	Flowage Easements Valuation
RED RIVER BASIN COMMISSION	\$ 500,000.00	\$ 500,000.00	\$ -	Retention Projects - Engineering Services
HOFFMAN & MCNAMARA NURSERY&LAN	\$ 486,502.29	\$ 464,141.16	\$ 22,361.13	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	\$ 372,643.04	\$ 22,746.21	Quality Testing
SCHMIDT AND SONS CONSTRUCTION	\$ 351,178.00	\$ 351,178.00	\$ -	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 February 28, 2019

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
FREDRIKSON & BYRON, PA	\$ 169,230.06	\$ 169,230.06	\$ -	Lobbying Services
S & S LANDSCAPING CO INC	\$ 150,528.50	\$ 31,123.00	\$ 119,405.50	Construction - Landscape
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	\$ 118,871.82	\$ -	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
GEEKON 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
NAASTAD BROTHERS, INC	\$ 30,856.40	\$ -	\$ 30,856.40	Roadway Ditch Work
WESTERN AREA POWER ADMINSTRAT	\$ 30,000.00	\$ 30,000.00	\$ -	P3 Support Services
ND WATER USERS ASSOCIATN	\$ 25,000.00	\$ 25,000.00	\$ -	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
BUILDING & GROUNDS MANAGEMENT	\$ 2,592.50	\$ 2,592.50	\$ -	Lawn Mowing Services

FM Metropolitan Area Flood Risk Management Project  
Cumulative Vendor Payments Since Inception  
As of February 28, 2019

Vendors	Approved Contract/Invoice Amount	Liquidated	Outstanding Encumbrance	Purpose
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
FORUM COMMUNICATIONS (LEGALS)	\$ 2,224.20	\$ 2,224.20	\$ -	Advertising 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	138.1	\$ 138.10	\$ -	Service Call - Home Buyouts
GOOGLE LOVEINTHEOVEN	116	\$ 116.00	\$ -	Meeting Incidentals
LANE, BARRET	108.77	\$ 108.77	\$ -	Lodging Expense
FEDERAL EXPRESS CORPORATION	71.89	\$ 71.89	\$ -	Postage
<b>Grand Total</b>	<b>\$ 533,676,853.17</b>	<b>\$ 456,911,486.24</b>	<b>\$ 76,765,366.93</b>	

**FM Metropolitan Area Flood Risk Management Project**  
**Lands Expense - Life To Date**  
**As of February 28, 2019**

Property Address	Purchase Date	Purchase Price	Earnest Deposit	Relocation Assistance	Sale Proceeds	Total
<b>Commercial Relocations - Fargo</b>						
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
<b>Home Buyouts - Fargo</b>						
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
<b>Home Buyouts - Moorhead</b>						
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
<b>Home Buyouts - Oxbow</b>						
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	-	1,383,489.59	-	2,439,927.72
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 February 28, 2019**

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
354 & 358 Schnell Drive	12/6/2018	180,037.06	-	-	-	180,037.06
<b>Home Buyouts - Hickson</b>						
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
<b>Home Buyouts - Horace</b>						
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	-	5,482.81	-	915,387.81
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
<b>Home Buyouts - Argusville</b>						
2351 173rd Ave SE - Johnson - OIN 1222	2/6/2017	215,030.91	-	6,912.57	-	221,943.48
<b>Easements - Fargo</b>						
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
<b>Easements - Hickson</b>						
Hickson Village Lot 8 BLK 11	5/11/2016	500.00	-	-	-	500.00
<b>Easements - Oxbow</b>						
Oxbow Parcel 57-0000-10356-070 - Pearson	10/13/2014	55,500.00	-	-	-	55,500.00
<b>Easements - Diversion Inlet Control Structure</b>						
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
<b>Easements - Piezometer</b>						
67-0000-12719-010 - Adams - OIN-1201	3/13/2017	1,500.00	-	-	-	1,500.00
<b>Easements - Minnesota</b>						
Askegaard Hope Partnership	10/14/2016	1,542,370.79	-	-	-	1,542,370.79
<b>Farmland Purchases</b>						
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 - Gorder	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	6/17/2015	857,144.00	-	-	-	857,144.00
(Raymond Twp) - Subdivision: Part of Sec. 23., Less Gust Sub and Jason Sub 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	-	3,175.00	-	253,360.00
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 February 28, 2019**

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
<b>Land Purchases</b>						
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
		<u>89,790,973.07</u>	-	<u>34,556,278.91</u>	<u>(1,107,856.01)</u>	<u>123,239,395.97</u>
		(32,000.00)			10,000.00	
				<b>Property Management Expense</b>		2,036,772.47
					<b>Grand Total</b>	<b><u>\$ 125,276,168.44</u></b>



**FM Metropolitan Area Flood Risk Management Project  
In-Town Levee Work  
as of February 28, 2019**

<b>Vcode #</b>	<b>Vendor Name</b>	<b>Descriptions</b>	<b>Contract Amount</b>	<b>Amount Paid</b>
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	\$ 909,149.49	\$ 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	\$ 266,892.07	\$ 266,892.07
V02805	ICS	WP-42A.1/A.3 - 4th St Pump Station & Gatewell and 2nd St Floodwall S	\$ 17,583,287.19	\$ 17,500,178.16
V02806	HMG	WP42 - Services During Construction	\$ 6,130,655.82	\$ 5,342,678.06
V02807	CCJWRD	In-Town Levee Work	\$ 5,886,140.36	\$ 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	\$ 1,639,524.33	\$ 1,639,524.33
V02822	City of Fargo	COF - 2016 O&M on Lifts	\$ 34,941.05	\$ 34,941.05
V02823	Hoffman & McNamara Nursery & Lan	WP-42G General Landscaping and Planting	\$ 486,502.29	\$ 464,141.16
V02824	City of Fargo	COF – In-Town Flood Protection Debt Payments	\$ 6,296,650.00	\$ 6,296,650.00
V01703	Various	In-Town Property Purchases	\$ 39,426,868.94	\$ 38,180,382.92
V02825	Industrial Builders	WP-42E - 2nd Street South and Main Avenue Flood Mitigation	\$ 8,769,445.23	\$ 882,800.75
			<b>\$ 137,087,973.53</b>	<b>\$ 126,952,058.30</b>

**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: January 1, 2019 - January 31, 2019 - OHB Levee Related

Drawdown Request No: 83	
Requested Amount:	\$ 13,901.70
Total Funds Expended This Period:	13,901.70
Total Funds Requested at 100% Match	13,901.70
<b>Total Funds Requested:</b>	<b>13,901.70</b>

<b>STATE AID SUMMARY:</b>		
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	
<b>Total State Funds</b>	<b>266,000,000</b>	<b>304,000,000</b>
Less: Payment #1 through #35 - City of Fargo		(55,510,209.00)
Less: Payment #1 - Cass County		(136,039.36)
Less: Payment #1 through #7 - Interior Flood Control		(60,000,000.00)
Less: Payment #1 through #28 - FM Diversion Authority		(38,049,107.00)
Less: Payment #29 through #75 - FM Metro Area Flood Risk Management Project		(93,470,290.00)
Less: Payment #76 - FM Metro Area Flood Risk Management Project		(433,312.97)
Less: Payment #77 - FM Metro Area Flood Risk Management Project		(11,892.35)
Less: Payment #78 - FM Metro Area Flood Risk Management Project		(244,521.99)
Less: Payment #79 - FM Metro Area Flood Risk Management Project		(255,691.15)
Less: Payment #80 - FM Metro Area Flood Risk Management Project		(121,908.95)
Less: Payment #81 - FM Metro Area Flood Risk Management Project		(105,433.98)
Less: Payment #82 - FM Metro Area Flood Risk Management Project		(135,130.77)
Less: Payment #83 - FM Metro Area Flood Risk Management Project		(13,901.70)
<b>Total Funds Reimbursed</b>		<b>(248,487,439.22)</b>
<b>Total State Fund Balances Remaining</b>		<b>55,512,560.78</b>

<b>LOCAL MATCHING FUNDS SUMMARY:</b>		
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 - 75 - FM Metro Area Flood Risk Management Project		(22,172,839)
Less: Match Used on Payment #82 - FM Diversion Authority		(135,131)
Less: Match Used on Payment #83 - FM Diversion Authority		(13,902)
<b>Balance of Local Matching Funds Available</b>	<b>\$</b>	<b>4,148,876</b>

## Finance Committee Bills from March 2019

Vendor	Description		
Cass County Joint Water Resource District	Diversion Bills	\$	6,781,519.20
Dorsey & Whitney	Legal services rendered through January 31, 2019	\$	186,077.60
Ohnstad Twichell, P.C.	Professional services rendered	\$	40,614.78
Erik R. Johnson & Associates, Ltd	Legal services rendered through January 25, 2019	\$	1,670.40
City of Fargo	2018 operation and maintenance of Lift Stations #18 and #23	\$	41,493.35
City of Fargo	2018 work on complementary in-town flood protection projects	\$	3,467,071.35
Warner and Company Insurance	Renew commercial General Liability insurance	\$	5,259.00
			<hr/>
Total Bills Received through March 22, 2019		\$	<hr/> 10,523,705.68 <hr/>



Cass County  
Joint Water  
Resource  
District

March 1, 2019

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

Dan Jacobson  
Chairman  
West Fargo, North Dakota

Greetings:

Rodger Olson  
Manager  
Leonard, North Dakota

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

Lance Yohe  
Manager  
West Fargo, North Dakota

Enclosed please find copies of bills totaling \$6,781,519.20 regarding the above referenced projects. The breakdown is as follows:

Ken Lougheed  
Manager  
Gardner, North Dakota

Metro Flood Diversion	\$6,736,197.13
Oxbow-Hickson-Bakke Ring Levee	44,598.29
In-Town Levees	723.78

Jacob Gust  
Manager  
Fargo, North Dakota

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.

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  
[wrld@casscountynnd.gov](mailto:wrld@casscountynnd.gov)  
[casscountygov.com](http://casscountygov.com)

METRO FLOOD DIVERSION RIGHT OF ENTRY/LAND ACQUISITION COST SHARE INVOICES Updated 3/1/19

Invoice Paid	Invoice Date	Invoice No.	Project No.	Amount	Vendor	Description
2/11/2019	2/11/2019			2,158,545.00	The Title Company	Deb Brand Trust property purchase (OIN 6, 8-22)
2/13/2019	2/13/2019			505,498.26	The Title Company	Jonathan and Kristen Kutzer property purchase (OIN 9382)
2/14/2019	1/29/2019	160577	130007	8,361.00	Ohnstad Twichell, P.C.	Legal-Diversion ROW Acquisition
2/14/2019	1/29/2019	160581	160007	760.00	Ohnstad Twichell, P.C.	Legal-Diversion Authority Agreement - Drains
2/14/2019	1/29/2019	160602	187007	152.50	Ohnstad Twichell, P.C.	Legal-Southern Embankment
2/14/2019	1/29/2019	160589	170007	4,327.00	Ohnstad Twichell, P.C.	Legal-Upstream Mitigation Area
2/14/2019	1/29/2019	160573	90007	348.00	Ohnstad Twichell, P.C.	Legal-Basin Project 2009
2/14/2019	1/29/2019	160582	160007	4,661.50	Ohnstad Twichell, P.C.	Legal-Channel Phase I
2/14/2019	1/29/2019	160583	160007	1,442.00	Ohnstad Twichell, P.C.	Legal-Channel Phase II
2/14/2019	1/29/2019	160584	160007	1,022.00	Ohnstad Twichell, P.C.	Legal-Channel Phase III
2/14/2019	1/29/2019	20303	19706	990.00	Moore Engineering Inc.	Engineering - MOU Review
2/14/2019	1/30/2019	1756	2001	5,280.00	Houston-Moore Group	Engineering - Right-of-Entry Services
2/14/2019	1/30/2019	1757	2004	3,876.52	Houston-Moore Group	Engineering - Project Mgmt and Right of Way Services
2/14/2019	2/4/2019	81372	R12.00049	19,614.76	Ullieg Engineers	Engineering - Project Mgmt, and ROW services
2/14/2019	2/6/2019	9142001		527.97	Red River Valley Coop Power Assoc	Service to 16678 3rd St S Moorehead
2/14/2019	2/7/2019	1108711		225.90	Cass County Electric Cooperative	Service to 16657 38 St SE
2/14/2019	2/7/2019	1123339		779.71	Cass County Electric Cooperative	Service to 17465 49 St S
2/14/2019	2/7/2019	1122560		1,062.00	Cass County Electric Cooperative	Service to 17471 49 St S
2/14/2019	2/7/2019	1132078		324.99	Cass County Electric Cooperative	Service to 17568 Pfiffer Dr
2/14/2019	1/25/2019	14703		32.00	Cass Rural Water Users District	Service to 4848 Cty Rd 81
2/14/2019	1/25/2019	13618		34.70	Cass Rural Water Users District	Service to 5021 171st Ave SE
2/14/2019	1/25/2019	14321		29.81	Cass Rural Water Users District	Service to 16657 38th St SE
2/14/2019	1/25/2019	14028		34.70	Cass Rural Water Users District	Service to 17465 49th St SE
2/14/2019	1/25/2019	14044		34.70	Cass Rural Water Users District	Service to 17471 49th St SE
2/14/2019	1/25/2019	14110		34.70	Cass Rural Water Users District	Service to 17568 Pfiffer Dr
2/28/2019	2/28/2019			3,395,663.23	The Title Company	Property purchase for Lori Anderson (OIN 175, 1405, 1604-1608, 9428-9257)
2/20/2019	2/21/2019			587,650.00	The Title Company	Property purchase for Leonie Rheault (OIN 1103, 1104)
2/28/2019	2/21/2019			720.00	Moore Engineering Inc.	Engineering - MOU Review
2/28/2019	1/31/2019	19917	3283-00	3,036.62	ProSource Technologies LLC	Project Management and acquisition
2/28/2019	2/14/2019	1129748		258.97	Cass County Electric Cooperative	Service to 5021 171 Ave SE
2/28/2019	2/25/2019	14703		34.70	Cass Rural Water Users District	Service to 4848 Cty Rd 81
2/28/2019	2/25/2019	13618		34.70	Cass Rural Water Users District	Service to 5021 171st Ave SE
2/28/2019	2/25/2019	14321		29.71	Cass Rural Water Users District	Service to 16657 38th St SE
2/28/2019	2/25/2019	14028		34.70	Cass Rural Water Users District	Service to 17465 49th St SE
2/28/2019	2/25/2019	14044		34.70	Cass Rural Water Users District	Service to 17471 49th St SE
2/28/2019	2/25/2019	14110		34.70	Cass Rural Water Users District	Service to 17568 Pfiffer Dr
2/28/2019	2/26/2019			30,665.38	Jonathan and Kristen Kutzer	RHDP Reimbursement and closing costs - less \$15 wire fee
<b>Total</b>				<b>6,736,197.13</b>		

OXBOW-HICKSON-BAKKE RING LEVEE INVOICES

Invoice Paid	Invoice Date	Invoice No.	Purchase Order No.	Project No.	Amount	Vendor	Description
1/31/2019	2/1/2019				14,329.43	The Title Company	Ralph and Carolee Thomas Trust property purchase (OIN 9607)
1/31/2019	2/1/2019				13,029.43	The Title Company	Jill Thomas property purchase (OIN 9609)
1/31/2019	2/1/2019				13,029.43	The Title Company	Tracy Cater property purchase (OIN 9608)
2/14/2019	1/29/2019	160578		140007	3,570.50	Ohnstad Twichell, P.C.	Legal-Oxbow-Hickson-Bakke Levee project
2/28/2019	1/31/2019	19905		2830-00	639.50	ProSource Technologies	Acquisition and Relocation
<b>Total</b>					<b>44,598.29</b>		

IN-TOWN LEVEES INVOICES

Invoice Paid	Invoice Date	Invoice No.	Project No.	Amount	Vendor	Description
2/14/2019	1/30/2019	624595403		183.59	Xcel Energy	Electric service to 419 3rd St N
2/14/2019	1/30/2019	624609114		421.99	Xcel Energy	Gas service to 419 3rd St N
2/14/2019	2/7/2019	6000052129		118.20	City of Fargo	Service to 419 3 St N
<b>Total</b>				<b>723.78</b>		

**Grand Total 6,781,519.20**



Office of the City Attorney

City Attorney  
Erik R. Johnson

Assistant City Attorney  
Nancy J. Morris

March 8, 2019

Kent Costin  
Finance Director  
City of Fargo  
225 4<sup>th</sup> Street North  
Fargo, ND 58102

**Re: Metro Flood Diversion Project**

Dear Kent:

I am enclosing a Summary Invoice dated February 28, 2019 from the Dorsey & Whitney Firm in Minneapolis for their professional services rendered through January 31, 2019 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 that reads "Erik R. Johnson". The signature is fluid and cursive.

Erik R. Johnson

ERJ/lmw

Enclosure

cc: Bruce Grubb





received  
3-4-19

MINNEAPOLIS OFFICE  
612-340-2600

(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

February 28, 2019  
Invoice No. 3481535

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

For Legal Services Rendered Through January 31, 2019

INVOICE TOTAL

Total For Current Legal Fees	\$184,878.50
Total For Current Disbursements and Service Charges	\$1,199.10
<b>Total For Current Invoice</b>	<b>\$186,077.60</b>
<b>Summary of Account</b>	
*Prior Balance Due	\$83,428.68
Total Amount Due	\$269,506.28

\*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: USBKUS44IMT

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

**OHNSTAD TWICHELL, P.C.**  
**Attorneys at Law**

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

15-1395

JTS Invoice # 161317

Flood Diversion Board  
 Bond Counsel Work - PPP

Date: March 18, 2019

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

<b>PROFESSIONAL SERVICES RENDERED</b>			
	<b>Hours</b>	<b>Rate</b>	<b>Totals</b>
JTS	61.4	\$310.00	\$19,034.00
ADC	7	\$310.00	\$2,170.00
RGH	2.7	\$310.00	\$837.00
KJB	22.1	\$295.00	\$6,519.50
TJL	24.1	\$265.00	\$6,386.50
CBC	7.2	\$250.00	\$1,800.00
JDR	1.2	\$165.00	\$198.00
AJR	18.4	\$170.00	\$3,128.00
<b>Total Fees:</b>	<b>144.1</b>		<b>\$40,073.00</b>
Westlaw			\$82.42
Travel			\$459.36
<b>Total Expenses:</b>			<b>\$541.78</b>
<b>Grand Total</b>			<b>\$40,614.78</b>

		<b>2019 Rates</b>
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
RGH	Robert G. Hoy, Partner	\$310.00
KJB	Katie J. Bertsch, Associate	\$295.00
TJL	Tyler J. Leverington, Associate	\$265.00
CBC	Calley B. Campbell, Associate	\$250.00
LWC	Lukas W. Croaker, Associate	\$260.00
SRH	Stephen R. Hanson, Associate	\$250.00
ABG	Bo Gruchala, Associate	\$250.00
CAS	Carol A. Stillwell, Paralegal	\$165.00
JDR	Joshua D. Roaldson, Paralegal	\$165.00
AJR	Andrea J. Roman, Paralegal	\$170.00
LRK	Lisa R. Kilde, Paralegal	\$160.00
CRA	Christie R. Axness, Paralegal	\$140.00
KJS	Kelsey J. Stock, Law Clerk	\$100.00



## PROFESSIONAL SERVICES RENDERED

15-1395 JTS Invoice # 161317		Flood Diversion Board	Bond Counsel Work - PPP
FILE NUMBER	MATTER DESCRIPTION	INVOICE - TOTAL FEES	
151395-1	General Topics (Includes General Governance Questions, Notices, etc.)	\$10,017.50	
151395-3	P3 Procurement	\$700.00	
151395-4	Public Finance Issues	\$847.00	
151395-5	Consultant Contract Review/Development	\$2,762.00	
151395-6	Support of External Litigation Counsel	\$703.00	
151395-7	Coordination with Member Entities	\$593.00	
151395-8	MNDNR Permit Issues	\$2,076.00	
151395-11	Legislative Interface/Lobbying Support	\$9,044.50	
151395-12	USACE Interface/Questions	\$288.00	
151395-13	Third Party Utility MOU's	\$10,035.00	
151395-14	ICS Issues	\$3,007.00	
<b>TOTAL</b>		<b>\$40,073.00</b>	

*Erik R. Johnson & Associates, Ltd*

*Attorneys at Law*

*Erik R. Johnson - Nancy J. Morris*

*505 Broadway - Suite 206*

*Fargo, ND 58102*

*(701) 280-1901*

COPY

*Invoice*

City of Fargo -- Auditor's Office

Attn: Kent Costin

225 4th Street North

Fargo, ND 58102

Date	1/25/2019
Invoice #	2741-

Description

Amount

METRO FLOOD PROJECT--GENERAL LEGAL MATTERS:  
Erik Johnson-Jan 1 thru 25th, 2019-itemization enclosed

1,670.40

*We appreciate your business.*

**TOTAL:** \$1,670.40



## Finance Office

P.O. Box 2083  
200 3rd Street North  
Fargo, North Dakota 58107-2083  
Phone: 701-241-1333  
Fax: 701-241-1526

March 15, 2019

Metro Flood Diversion Board of Authority  
PO Box 2806  
Fargo, ND 58108-2806

Dear Metro Flood Diversion Board of Authority,

The City of Fargo is submitting for reimbursement invoices paid totaling \$41,493.35. These costs are for the 2018 operation and maintenance of Lift Stations #18 (304 4<sup>th</sup> St S) and #23 (200 2<sup>nd</sup> St N) and their associated generators.

Pursuant to Section 13 of the Joint Powers Agreement, the Metro Flood Diversion Authority shall reimburse Member Entities for reasonable costs incurred related to the management, operation, improvement, modification, or maintenance of the Project.

In 2018, the Metro Flood Diversion and the City of Fargo signed two MOUs that detail the cost share arrangements for the generators that serve the DA's lift stations. Pursuant to these MOUs, the DA will be responsible for 35% of the operation and maintenance costs of the generator that serves Storm Lift Station #23 and Fargo City Hall and 60% of the operation and maintenance costs of the generator that serves Storm Sewer Lift #18 and City of Fargo Sanitary Sewer Lift #1.

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

Sincerely,

A handwritten signature in cursive script that reads "Kent Costin".

Kent Costin  
Director of Finance, City of Fargo





**Finance Office**

P.O. Box 2083  
200 3rd Street North  
Fargo, North Dakota 58107-2083  
Phone: 701-241-1333  
Fax: 701-241-1526

March 15, 2019

Metro Flood Diversion Board of Authority  
PO Box 2806  
Fargo, ND 58108-2806

Dear Metro Flood Diversion Board of Authority,

The City of Fargo is submitting for reimbursement invoices paid totaling \$3,470,540.79. Of this amount, the City is requesting reimbursement from the Diversion Authority for \$3,467,071.35. These costs are for 2018 work on complementary in-town flood protection projects.

Project Narrative, this request:

Project Number	Project Description	Amount
FM15F2	Harwood, Hackberry, & River Drive – Demo/Levee	\$749,375.28
FM15K1	Rosewood Addition – Demo/Levee/Floodwall	2,622,612.82
HD18A1	Oakcreek, Copperfield, & University – Demo	95,083.25
	<b>Total Amount Requested for Reimbursement</b>	<b>\$3,467,071.35</b>

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

Sincerely,

Kent Costin  
Director of Finance, City of Fargo

**City of Fargo, North Dakota**  
**Schedule of Complementary In-Town Flood Protection Costs**  
**January 1, 2018 - December 31, 2018**

Project Number	AP Project Description	Account Number	Description	AP Transaction Amount	Payment Number	Payment Date	Vendor Name
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-0000-206.20-00	Retainage and Retainage R	-4,547.50	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-0000-206.20-00	Retainage and Retainage R	-14,336.81	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-0000-206.20-00	Retainage and Retainage R	-11,417.64	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-0000-206.20-00	Retainage and Retainage R	-4,527.00	292457	11/21/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-0000-206.20-00	Retainage and Retainage R	-4,896.07	293452	12/27/2018	INDUSTRIAL BUILDERS INC
			460-0000-206.20-00 - Total	-39,725.02			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-20	Miscellaneous	54,290.00	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-20	Miscellaneous	89,825.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-20	Miscellaneous	46,000.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-20	Miscellaneous	21,650.00	292457	11/21/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-20 - Total	211,765.00			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-52	Flood Mitigation	17,420.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-52	Flood Mitigation	155,782.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-52	Flood Mitigation	68,390.00	292457	11/21/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-52	Flood Mitigation	51,120.00	293452	12/27/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-52 - Total	292,712.00			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-56	Paving	16,056.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-56	Paving	10,650.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-56 - Total	26,706.00			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-58	Miscellaneous	11,745.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-58	Storm Sewer	660.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-58 - Total	12,405.00			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-59	Sanitary Sewer	500.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-59	Storm Sewer	500.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-59	Paving	101,660.20	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-59	Paving	2,700.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-59	Paving	6,310.80	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-59	Watermain	500.00	292457	11/21/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-59 - Total	112,171.00			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-61	Paving	2,500.00	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-61	Paving	2,500.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-61 - Total	5,000.00			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-62	Watermain	2,500.00	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-62	Watermain	12,500.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-62 - Total	15,000.00			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-63	Sanitary Sewer	2,500.00	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-63	Sanitary Sewer	12,500.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-63 - Total	15,000.00			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-66	Miscellaneous	25,000.00	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-66	Miscellaneous	10,250.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-66	Miscellaneous	250.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-66 - Total	35,500.00			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-69	Miscellaneous	4,160.00	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-69	Miscellaneous	11,280.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-69	Miscellaneous	6,000.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-69	Flood Mitigation	46,801.30	293452	12/27/2018	INDUSTRIAL BUILDERS INC

**City of Fargo, North Dakota**  
**Schedule of Complementary In-Town Flood Protection Costs**  
**January 1, 2018 - December 31, 2018**

Project Number	AP Project Description	Account Number	Description	AP Transaction Amount	Payment Number	Payment Date	Vendor Name
			460-3530-510.73-99 - Total	58,241.50			
FM15F2	FLOOD RISK-Harwd Hack Rvr	460-3530-510.73-99	Adjustments	-5,400.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-99 - Total	-5,400.00			
			<b>FM15F2 - Total</b>	<b>749,375.28</b>			
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-1,969.95	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-27,771.68	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-9,139.16	290272	08/30/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-8,198.55	290396	09/05/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-368.95	290543	09/13/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-3,853.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-1,800.00	290965	09/27/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-17,327.79	291300	10/11/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-6,271.60	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-8,049.88	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-5,198.41	292095	11/06/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-14,430.70	292457	11/21/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-13,825.00	292630	11/29/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-14,175.00	293051	12/13/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-0000-206.20-00	Retainage and Retainage R	-305.00	293241	12/20/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.38-99 - Total	87,359.87			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.38-99	UTIL RELOCATES	87,134.52	286622	04/26/2018	CENTURYLINK
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.38-99	AID TO CONSTRUCT 17TH ST	8,024.03	291825	11/01/2018	CASS COUNTY ELECTRIC-4100 32 AVE SW
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.38-99	AID TO CONSTRUCT 15 ST	5,300.00	291825	11/01/2018	CASS COUNTY ELECTRIC-4100 32 AVE SW
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.38-99	AID TO CONSTRUCT ROSECREE	2,955.00	292765	12/08/2018	CASS COUNTY ELECTRIC-4100 32 AVE SW
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.38-99	AID TO CONSTRUCT ROSECREE	2,800.00	292765	12/06/2018	CASS COUNTY ELECTRIC-4100 32 AVE SW
			460-3530-510.73-20 - Total	17,000.00			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-20	Building Demolition	17,000.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-52 - Total	47,780.00			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Miscellaneous	83,880.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Earthwork	16,116.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Floodwall	78,800.50	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Floodwall	117,783.19	290272	08/30/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Earthwork	1,944.00	290396	09/05/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Floodwall	3,750.00	290543	09/13/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Floodwall	15,980.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Floodwall	36,000.00	290965	09/27/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Floodwall	83,896.75	291300	10/11/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Floodwall	72,260.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Storm Sewer Lift Station	2,023.68	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Floodwall	98,081.25	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Miscellaneous	79,150.00	292457	11/21/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Floodwall	8,529.05	292457	11/21/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-52	Earthwork	4,800.00	293241	12/20/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-52 - Total	702,997.02			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-56	Paving	588.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-56 - Total	588.00			

**City of Fargo, North Dakota**  
**Schedule of Complementary In-Town Flood Protection Costs**  
**January 1, 2018 - December 31, 2018**

Project Number	AP Project Description	Account Number	Description	AP Transaction Amount	Payment Number	Payment Date	Vendor Name
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer Lift Station	32,500.00	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	17,490.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer Lift Station	227,500.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer Lift Station	65,000.00	290272	08/30/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	151,996.00	290396	09/05/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	60,980.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	100,159.00	291300	10/11/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer Lift Station	162,500.00	291300	10/11/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	53,172.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	60,492.70	291672	10/25/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	2,807.06	292095	11/08/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	90,000.00	292095	11/08/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	28,935.00	292457	11/21/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer Lift Station	162,500.00	292457	11/21/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	87,500.00	292630	11/29/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer Lift Station	189,000.00	292630	11/29/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer Lift Station	283,500.00	293051	12/13/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-58	Storm Sewer	1,300.00	293241	12/20/2018	INDUSTRIAL BUILDERS INC
460-3530-510.73-58 - Total				1,777,651.76			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-59	Paving	5,099.00	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-59	Paving	3,013.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-59	Paving	1,871.00	290396	09/05/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-59	Paving	427.00	290543	09/13/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-59	Paving	9,181.00	292095	11/08/2018	INDUSTRIAL BUILDERS INC
460-3530-510.73-59 - Total				19,591.00			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-61	Miscellaneous	1,800.00	289648	08/16/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-61	Miscellaneous	10,200.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
460-3530-510.73-61 - Total				12,000.00			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-62	Water Main	17,982.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-62	Building Demolition	6,000.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
460-3530-510.73-62 - Total				23,982.00			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-63	Sanitary Sewer	5,815.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-63	Building Demolition	6,000.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-63	Sanitary Sewer	9,500.00	292457	11/21/2018	INDUSTRIAL BUILDERS INC
460-3530-510.73-63 - Total				21,315.00			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-66	Miscellaneous	19,400.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-66	Miscellaneous	400.00	291672	10/25/2018	INDUSTRIAL BUILDERS INC
460-3530-510.73-66 - Total				19,800.00			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-67	Earthwork	14,521.65	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-67	Miscellaneous	500.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-67	Earthwork	22,327.50	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-67	Earthwork	8,160.05	290396	09/05/2018	INDUSTRIAL BUILDERS INC
460-3530-510.73-67 - Total				45,509.20			
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-69	Miscellaneous	8,320.00	290010	08/23/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-69	Miscellaneous	3,202.00	290543	09/13/2018	INDUSTRIAL BUILDERS INC
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-69	Miscellaneous	100.00	290790	09/20/2018	INDUSTRIAL BUILDERS INC



**City of Fargo, North Dakota**  
**Schedule of Complementary In-Town Flood Protection Costs**  
**January 1, 2018 - December 31, 2018**

Project Number	AP Project Description	Account Number	Description	AP Transaction Amount	Payment Number	Payment Date	Vendor Name
FM15K1	FLOOD MIT-RoseCoulee	460-3530-510.73-69	Miscellaneous	780.00	292095	11/08/2018	INDUSTRIAL BUILDERS INC
			460-3530-510.73-69 - Total	780.00			
<b>FM15K1 - Total</b>				<b>2,626,082.26</b>			
HD18A1	DEMO RESTOR-City Wide	460-0000-206.20-00	Retainage and Retainage R	-3,333.10	292058	11/08/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-0000-206.20-00	Retainage and Retainage R	-2,239.70	293210	12/20/2018	DIRT DYNAMICS
			460-0000-206.20-00 - Total	-5,572.80			
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-20	Site #3 - Copperfield Cou	18,900.00	292068	11/08/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-20	Site #2 - #1525 South Riv	14,950.00	293210	12/20/2018	DIRT DYNAMICS
			460-3530-510.73-20 - Total	33,850.00			
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-56	Site #3 - Copperfield Cou	1,870.00	292068	11/08/2018	DIRT DYNAMICS
			460-3530-510.73-56 - Total	1,870.00			
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-59	Site #3 - Copperfield Cou	18,204.00	292068	11/08/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-59	Site #2 - #1525 South Riv	2,000.00	293210	12/20/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-59	Site #3 - Copperfield Cou	5,216.00	293210	12/20/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-59	Site #5 - 4449 Oakcreek	9,908.00	293210	12/20/2018	DIRT DYNAMICS
			460-3530-510.73-59 - Total	35,328.00			
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-61	Site #3 - Copperfield Cou	560.00	292068	11/08/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-61	Site #2 - #1525 South Riv	560.00	293210	12/20/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-61	Site #5 - 4449 Oakcreek	560.00	293210	12/20/2018	DIRT DYNAMICS
			460-3530-510.73-61 - Total	1,680.00			
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-62	Site #3 - Copperfield Cou	12,000.00	292068	11/08/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-62	Site #4 - South Universit	4,000.00	293210	12/20/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-62	Site #5 - 4449 Oakcreek	4,000.00	293210	12/20/2018	DIRT DYNAMICS
			460-3530-510.73-62 - Total	20,000.00			
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-63	Site #3 - Copperfield Cou	3,600.00	292068	11/08/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-63	Site #4 - South Universit	2,400.00	293210	12/20/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-63	Site #5 - 4449 Oakcreek	1,200.00	293210	12/20/2018	DIRT DYNAMICS
			460-3530-510.73-63 - Total	7,200.00			
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-66	Site #3 - Copperfield Cou	9,230.00	292068	11/08/2018	DIRT DYNAMICS
			460-3530-510.73-66 - Total	9,230.00			
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-69	Site #3 - Copperfield Cou	2,298.05	292068	11/08/2018	DIRT DYNAMICS
			460-3530-510.73-69 - Total	2,298.05			
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-99	Adjustments	-5,400.00	292068	11/08/2018	DIRT DYNAMICS
HD18A1	DEMO RESTOR-City Wide	460-3530-510.73-99	Adjustments	-5,400.00	293210	12/20/2018	DIRT DYNAMICS
			460-3530-510.73-99 - Total	-10,800.00			
<b>HD18A1 - Total</b>				<b>95,083.25</b>			
<b>Overall - Total</b>				<b>3,470,540.79</b>			



**Warner and Company Insurance**

318 Broadway  
PO Box 1470  
Fargo, ND 58107-1470  
T (701) 237-6414  
F (701) 239-0009  
warnerandcompany.com

3/7/2019

Kent Costin  
Diversion Board of Authority/ Metro Flood Diversion Authority  
200 North 3rd St  
Fargo, ND 58102

RE: Commercial General Liability Policy #: GL000337307

Dear Kent:

Enclosed is the renewal of your Commercial General Liability policy effective 3/19/2019 written through ND Insurance Reserve Fund.

Please review the policy carefully and let me know if any of the provisions are unclear or if any revisions are necessary. Throughout the policy term, please keep us informed of any changes in your operations.

While renewing your policy we noticed Metro Flood Diversion Authority was missing as a named insured. We've asked the insurance carrier to amend the named insured. We will forward an endorsement as soon as it's available.

The premium for this policy term is \$5,259.00 as shown on the enclosed invoice. Please remit payment prior to the due date to avoid any late fees or cancellation.

Thank you for your continued business. Please do not hesitate to call me with any questions or concerns.

Sincerely,

Ross Gailfus  
Key Account Manager/Vice President  
rgailfus@warnerandcompany.com

Enclosure  
Renewal policy

**Warner and Company**

318 Broadway N  
 PO Box 1470  
 Fargo, ND 58107  
 (701) 237-6414 Fax (701) 239-0009  
 www.warnerandcompany.com

<b>Invoice # 3876</b>		Page 1 of 1
Account Number	Date	
DIVEBOA-01	3/7/2019	
BALANCE DUE ON		
3/19/2019		
AMOUNT PAID	Amount Due	
	\$5,259.00	

Producer: Richard Penning

**Diversion Board of Authority**  
**Metro Flood Diversion Authority**  
 200 North 3rd St  
 Fargo, ND 58102

Please detach here and return with your payment - Thank you!

General Liability	ND Insurance Reserve Fund	PolicyNumber: GL000337307	Effective: 3/19/2019 to 3/19/2020
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Item #	Trans Eff Date	Trans	Description	Amount
163143	3/19/2019	RENB	Renew Commercial General Liability 3/19/2019 A	\$5,259.00

**Total Invoice Balance: \$5,259.00**

A late payment charge equal to 1.5% will be imposed on each transaction not paid within 30 days of the due date  
 3/7/2019

**Diversion Board of Authority**



# March 2019 Recommended Contracting Actions

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Presented By:

Program Management Consultant

# Co-Executive Director Approved Task Order Amendments

Description	Company	Budget Estimate (\$)
<i>Task Orders – Diversion Authority</i>		
<b>Task Order 01, Amendment 04 – Material Testing Services for Work Package 43 (WP-43), WP-28, and WP-50</b> <ul style="list-style-type: none"> <li>• Add scope and budget for 47 Mobility Improvement parcel surveys</li> <li>• Extend Period of Performance (POP) to December 31, 2019</li> </ul>	Braun Intertec Corporation	<b>\$35,992.00</b>
<b>Task Order 15, Amendment 10 – Draft Operations Plan</b> <ul style="list-style-type: none"> <li>• Add scope and budget for additional USACE requested modeling and analysis</li> </ul>	Houston-Moore Group, LLC (HMG)	<b>\$140,360.00</b>
<b>Task Order 01, Amendment 06 – Phase I Cultural Investigations</b> <ul style="list-style-type: none"> <li>• Add scope and budget for Phase I, Class III Cultural Surveys</li> <li>• Extend Period of Performance (POP) to December 31, 2019</li> </ul>	Beaver Creek Archaeology	<b>\$15,000.00</b>
<b>Total</b>		<b>\$191,352.00</b>

# Co-Executive Director Approved Task Order Amendments

Description	Company	Budget Estimate (\$)
<i>Task Orders – Cass County Joint Water Resource District (CCJWRD)</i>		
<b>Task Order 01, Amendment 00 – Property Appraisal Services</b> <ul style="list-style-type: none"> <li>Property appraisal services for appraisal Package 3</li> </ul>	Compass Land Consultants, Inc.	<b>\$69,000.00</b>
<b>Task Order 01, Amendment 00 – Property Appraisal Services</b> <ul style="list-style-type: none"> <li>Property appraisal services for appraisal Package 1</li> </ul>	Crown Appraisals, Inc	<b>\$33,000.00</b>
<b>Task Order 02, Amendment 00 – Property Appraisal Services</b> <ul style="list-style-type: none"> <li>Property appraisal services for appraisal Package 2</li> </ul>	Crown Appraisals, Inc	<b>\$123,000.00</b>
<b>Task Order 01, Amendment 00 – Property Appraisal Services</b> <ul style="list-style-type: none"> <li>Property appraisal services for appraisal Package 4</li> </ul>	Integra Realty Resources	<b>\$60,000.00</b>
<b>Task Order 02, Amendment 00 – Property Appraisal Services</b> <ul style="list-style-type: none"> <li>Property appraisal services for appraisal Packages 4</li> </ul>	Integra Realty Resources	<b>\$15,000.00</b>
<b>Total</b>		<b>\$300,000.00</b>



64 4<sup>th</sup> Street North  
Suite 300  
Fargo, ND 58102

[www.jacobs.com](http://www.jacobs.com)

March 20, 2019

Dear Co-Executive Directors:

Attached is the proposed 2019 Billing Rates for Braun Intertec Corporation, the company providing materials testing services to the Diversion Authority's WP-43 OHB Ring Levee projects. We have reviewed the proposed rates and have verified the rate increases do not exceed the 3.5% maximum annual rate increase as set forth in the Master Services Agreement between the Diversion Authority and Braun Intertec Corporation.

We recommend approval of these rate increases and that they become effective as of January 1, 2019.

Thank you for your consideration of this change and please let me know if you have any questions.

Sincerely,

Kimberly A. Daily, PE  
Program Manager

Schedule of Charges

(Effective January 1, 2019)

Braun Intertec Corporation and Subsidiaries

**Service Locations**

Minneapolis, MN  
St. Paul, MN  
Albertville, MN  
Duluth, MN  
Hibbing, MN  
Mankato, MN  
Rochester, MN  
St. Cloud, MN

Cedar Rapids, IA

Lenexa, KS  
St. Louis, MO  
Bismarck, ND  
Dickinson, ND  
Minot, ND  
Watford City, ND  
West Fargo, ND  
Williston, ND

La Crosse, WI



**Geotechnical Services**

Hourly rates apply for regular-time (8 hours or less on weekdays). Hourly rates do not include support truck or carrier rental or use, mileage, supplies consumed in drilling or abandoned in test holes, or per diem expenses.

**Drilling Equipment, Services & Personnel****Drilling Services**

9000 Truck Mounted Drilling Services, per hour	\$294.00
9100 Flotation Tire Drill Rig and Crew, per hour	\$349.00
9200 Track Mounted Drill Rig and Crew, per hour	\$405.00
9300 Skid Mounted Drilling Services, per hour	\$294.00

**GeoProbe Services**

9400 GeoProbe Services, per hour	\$249.00
9430 Water sampling tubing and consumables, per sample	\$7.00
9435 Soil gas sampling tubing and consumables, per sample	\$22.00
9450 GeoProbe grouting/sealing, per foot	\$2.00
9455 Additional crew person for SPT borings, per hour	\$52.00
9460 Overtime addition, per person for work in excess of 8 hours per day, per hour	\$25.00

**CPT Services**

9500 CPT Services, per hour	\$430.00
9515 Standby time, CPT & Crew, per hour	\$358.00
9525 CPT grouting/sealing, per foot	\$2.00
9520 Seismic wave analysis, each	\$284.00
9540 Dissipation testing, per 1/4 hr	\$108.00
9510 Overtime addition to two-person crews, per hour	\$59.00

**Drilling Related Services**

205 Site layout and utility clearance	\$107.00
292 Drilling Supervisor	\$116.00
306 Flaggers	\$106.00
1052 Warning signs	Quote
1030 Vane shear equipment (ASTM D 2573), per day	\$330.00
1032 Electrical resistivity equipment (ASTM G 57), per day	\$246.00
1022 Thin-walled sample tubes (ASTM D 15 87), each	\$29.00
1040 Pressure meter equipment, per day	\$679.00
1044 Surcharge for continuous tube sample system (2-1/4" x 5"), per hour	\$41.00

**E-Logging Services**

1086 E-Log unit, per mile	Quote
1089 E-Log unit and technician, per day	\$1,121.00
1084 Setup and mobilization, per day	Quote

**Consumables: Wells/Piezometers/Borehole Abandonment**

9702 Piezometer or well casing - 3/4" PVC, per foot	\$5.00
9712 Well Screen - 3/4" PVC, per foot	\$5.00
9720 Well Screen - 2" stainless, per foot	\$58.00
9710 Piezometer or well casing - 2" black iron, per foot	\$30.00
9723 Stemming Plug	\$9.00
9732 Grout with neat cement, materials per foot	\$7.00
9746 8" Vault for at grade well, each	\$77.00
9748 Protective casing with locking cover, each	\$279.00
9752 Bumper post steel, each	\$118.00
9754 Bumper posts wood, each	\$60.00

**Permits & Sealing Records**

9906 Well Permit MN - Hennepin County, each	Quote
9912 Trip permit - Iowa, each	Quote
9920 Right of Way Permit, each	Quote

**Additional Drilling Related**

9950 Drum, steel 55 gallon, with lid, each	\$49.00
9964 Air compressor rental	Quote
9952 In-field steam cleaning, per hour	\$131.00
9954 Steam cleaning of drill rig and tool, per steam	\$132.00
1087 Mobilization	Quote
1059 NQ Diamond coring bit wear, per foot	\$21.00

6204 Rock Coring Set-up, per core	\$245.00
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1055 Core boxes	\$54.00
1045 Rock coring, per foot	\$49.00

1050 Site restoration	Quote
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1029 Standby time, per hour	\$191.00
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1033 Jars with box, 24 jars	\$24.00
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**Laboratory Tests of Soils**

1152 Moisture content (ASTM D 2216), per sample	\$20.00
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1154 Density And Moisture Of Soil Specimens (ASTM D 2937)	\$35.00
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1156 Atterberg Limits: LL and PL (ASTM D 4318), per sample	\$110.00
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1157 Atterberg Limits: LL and PL (AASHTO T89 and T90 and Wet Preparation (AASHTO T146)	\$150.00
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1223 Soil/Cement Stabilization	\$2,644.00
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**Grain Size Analysis**

1162 Sieve analysis with 200 wash (ASTM C 136 and C 117), per sample	\$136.00
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1680 Rush surcharge, per sample	\$34.00
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1679 Rush surcharge - No. 200 only (ASTM C 117 or D 1140)	\$20.00
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1172 Hydrometer - Sieve Analysis (ASTM D 422), per sample	\$180.00
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1174 Organic content (ASTM D 2974), per sample	\$76.00
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1176 Specific gravity of fine-grained soils (ASTM D 854), per sample	\$131.00
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**Permeability**

1180 Constant Head Permeability of coarse-grained soils, (ASTM D 2434), per sample	\$362.00
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1183 Falling Head Permeability, undisturbed (ASTM D 5084), per sample	\$525.00
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1185 Falling Head Permeability, remolded (ASTM D 5084), per sample	\$626.00
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1193 Double-ring Infiltrometer test (ASTM D 3385): Granular soils - test and equipment rental	\$579.00
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1194 Double-ring Infiltrometer test (ASTM D 3385): Cohesive soils - test and equipment rental	\$812.00
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**Strength and Compressibility Testing**

1186 Unconfined compression (ASTM D 2166 ), per sample	\$95.00
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1190 Direct shear, granular soil (3 point test) (ASTM D 3080), per sample	\$605.00
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1192 Direct shear, cohesive soil (3 point test) (ASTM D 3080), per samples	\$789.00
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1196 Consolidation testing, one-dimensional (Strain vs. Pressure curve only ) (ASTM D 2435), per sample	\$405.00
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1198 Consolidation testing, time-rate, ASTM D2435, per sample	\$606.00
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**One Dimensional Swell Test**

1202 Maximum swell pressure (ASTM D 4546), per sample	\$315.00
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1206 Unconsolidated-Undrained Triaxial testing (per 3 points), (ASTM D 2850), per sample	\$869.00
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1208 Consolidated-Undrained Triax testing with Pore Pressure Measurements (ASTM D4767), per sample	\$1,300.00
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1210	Consolidated-Drained Triax testing (includes pore-pressure measurements), (ASTM D4767), per sample	\$1,600.00	1357	Concrete strength development curve, each	\$264.00
1211	Consolidated-Drained Triax testing (without pore-pressure measurements), (ASTM D4767), per sample	\$1,600.00	1373	Maturity curve development (ASTM C1074), each	\$2,219.00
<b>Corrosion Potential and Miscellaneous</b>					
1214	pH determination (ASTM G 51), per sample	\$26.00	1374	Temperature Maturity Sensor, each	\$71.00
1216	Electrical resistivity of soils (ASTM G 187), per sample	\$76.00	1365	Estimating the Cracking Tendency of Concrete (AASHTO T334), per sample	\$2,546.00
3238	Thermal Conductivity of Soil (ASTM D 5334)	\$691.00	1393	Coring of shotcrete panels, per panel	\$49.00
1220	Sulfate (concrete), per sample	\$38.00	<b>Command Center PDA</b>		
6146	Sulfate, Soil ASTM C1580-05	\$348.00	5122	Command Center PDA, per week	\$80.00
1222	Sulfide (metals), per sample	\$62.00	5123	Command Center PDA, per month	\$211.00
1226	Topsoil testing, MN/DOT 3877A (without nutrients), per sample	\$280.00	1358	Laboratory Batching of Concrete, per batch	\$425.00
1228	Topsoil testing, MN/DOT 3877B (with nutrients), per sample	\$347.00	1361	Quality control testing of concrete placement activities, per hour	Quote
1229	Topsoil testing, MN/DOT 3877B (nutrients only), per sample	\$78.00	<b>Laboratory moist-curing of concrete delivered to laboratories</b>		
1230	Testing	Quote	1364	Compressive strength of concrete cylinders (ASTM C 39), per specimen	\$31.00
1234	Extrusion of thin-walled tube, per sample	\$32.00	1366	Accelerated curing and testing (ASTM C684), per specimen	\$86.00
<b>Construction Testing and Observations</b>					
<b>Earthwork (excavation observation, compaction control testing, special</b>					
1308	Nuclear moisture-density meter charge, per hour	\$23.00	1367	Flexural strength of beams (ASTM C 78 and ASTM C 293), per specimen	\$124.00
1310	Field laboratory rental	Quote	1368	Splitting tensile strength of concrete (ASTM C 496), per specimen	\$93.00
1318	Moisture Density Relationship (ASTM D 698 Standard)	\$191.00	1371	Dry unit weight (ASTM C 567), per specimen	\$117.00
6170	Rush surcharge - Proctor test	\$44.00	1372	Specific Gravity and voids (ASTM C 642), per specimen	\$223.00
1322	One-point Proctor check	\$72.00	1380	Sawing of concrete unit (ASTM C 31), per cut	\$13.00
1324	Maximum-minimum density of cohesion less soils (ASTM D 4523, D 4254), per sample	\$315.00	5163	Compressive Strength of Controlled Low Strength Material ASTM D4832, each	\$42.00
<b>Deep Foundation and Vibration</b>					
1340	Special inspection of pile or drilled shaft installation	Quote	5165	Compressive Strength of Lightweight Insulating Concrete ASTM C495, each	\$42.00
1342	Pile Driving Analyzer equipment rental, per day	\$577.00	<b>Concrete cylinder molds (includes labels and data slips)</b>		
1343	Wave Equation Analysis	\$281.00	1386	Concrete cylinder molds (ASTM C470), per mold	\$3.00
1344	CAPWAP Analysis	\$461.00	1392	Cast in place cylinder molds (cippoc) (ASTM C873), per mold	\$37.00
<b>Seismograph monitor</b>					
1346	Moisture Meter	\$23.00	1395	Mold rental (cubes and beams), per use	\$47.00
1348	Enclosure Test Equipment	Quote	1397	Compressive strength of cast in place cylinders (cippoc) (ASTM C 873), per specimen	\$78.00
1349	Enclosure Test Supplies	Quote	1555	Bit wear and patch material, per core	\$23.00
1570	Seismograph monitor, with modem, per day	\$193.00	1400	Core truck, per day, plus mileage	\$129.00
1571	Seismograph monitor, with modem, per week	\$452.00	1401	Compressive strength of concrete cores (ASTM C 42), specimen	\$113.00
1572	Seismograph monitor, with modem, per month	\$950.00	<b>Petrographic No discounting will apply</b>		
1576	Seismograph monitor, with modem and X100 geophone, per day	\$204.00	<b>Petrographic analysis of concrete</b>		
1577	Seismograph monitor, with modem and X100 geophone, per week	\$482.00	1460	Petrographic analysis of concrete (ASTM C856 and C457), per specimen	\$1,711.00
1578	Seismograph monitor, with modem and X100 geophone, per month	\$1,068.00	2101	Petrographic Analysis of Concrete ( ASTM C856), per specimen	\$1,288.00
1347	Static or cyclic load testing equipment	Quote	5182	Visual Observations (Petrographic Analysis, ASTM C856), per sample	\$670.00
<b>Concrete</b>					
1356	Theoretical concrete mix design based on ACI 211, per mix	\$311.00	5283	Thin Section (Petrographic analysis, ASTM C856), per sample	\$670.00
			2102	Hardened Air Content Analysis (ASTM C457), per specimen	\$876.00
			1742	Petrographic Analysis of Coarse Aggregate - Quarried Material (ASTM C295), limited to 7 screens, per sample	\$2,218.00
			2104	Petrographic Analysis of Coarse Aggregate - Pit-Run Material (ASTM C295), limited to 7 screens, per sample	\$2,520.00
			2105	Petrographic Analysis of Fine Aggregate - Quarried Material (ASTM C295), limited to 7 screens, per sample	\$1,900.00
			2108	Petrographic Analysis of Aggregates - additional screens, per screen	\$368.00
			2106	Petrographic Analysis of Mortar (ASTM C1324), per sample	\$2,627.00

3100 X-Ray Diffraction Analysis (XRD), per sample	\$283.00	<b>Cement</b>	
2109 Fourier Transform Infrared Analysis (FT-IR), per sample	\$361.00	1476 Fineness of cement by air permeability (ASTM C 204), per sample	\$98.00
2110 Other (Currently Speciality Testing)	Quote	1480 Batching and Casting Mortar Samples (C305), per sample	\$188.00
<b>Masonry</b>		1486 Mortar-Aggregate Ratio Test (ASTM C780 Annex A4), per specimen	\$90.00
<b>Concrete Masonry Units - Standard:</b>		<b>Grout</b>	
1403 Compressive Strength - RWU (ASTM C 140), per specimen	\$87.00	3239 Thermal conductivity of Grout, each	\$128.00
1404 Compressive strength - Block (ASTM C 140), per specimen	\$47.00	3237 Thermal conductivity of Portland Cement, each	\$181.00
1402 Absorption of RWU (ASTM C 140), per specimen	\$66.00	<b>Mortar</b>	
1406 Physical measurements and absorption (ASTM C 140), per specimen	\$68.00	1490 Compressive strength of 2x2 mortar cube (ASTM C 109), per specimen	\$31.00
1407 Net area determination (ASTM C 140) , per specimen	\$46.00	1493 Compression testing of cylindrical mortar specimens (ASTM C 780), per specimen	\$31.00
1408 Compressive strength of masonry prism assembly (ASTM C 1314), per specimen	\$110.00	1516 Prism testing (ASTM C 1072), per 5 mortar joints	\$347.00
1409 Compressive strength - Hollow block prisms (ASTM C 1314), per specimen	\$188.00	<b>Bituminous</b>	
1411 Compressive strength - Grouted block prisms (ASTM C 1314), per specimen	\$231.00	1528 Rice specific gravity (ASTM D 2041), per sample	\$84.00
1412 Compressive strength of grout (ASTM C 1019), per specimen	\$69.00	1529 Gyrotory design point, per sample	\$238.00
1421 Linear shrinkage (ASTM C 426), set of 3 specimens	\$770.00	1530 Asphalt Content (ASTM D 2172/6307), per sample	\$160.00
1424 Freeze/Thaw of RWU (ASTM C 1262), per set of 5 specimens	\$873.00	1532 Extracted aggregate gradation (ASTM D 5444), per sample	\$108.00
1414 Unique Testing	Quote	1534 Marshall stability and flow (set of 3) (ASTM D 1559), per set of 3 specimens	\$67.00
1413 Freeze/thaw of brick (ASTM C 67), per set of 5 specimens	\$958.00	1540 Marshall density testing, triple specimen (AASHTO T245), per set of 3 specimens	\$129.00
1431 Compression of cast stone (ASTM C1194), per set of 3	\$154.00	5342 Thickness of pavement core (ASTM D 3549)	\$18.00
1434 Brick Measurement of Length Change - [ASTM C67]	\$766.00	1542 Thickness and density of pavement core (ASTM D 2726)	\$55.00
1438 Brick Void Area in Deep Froged Units - [ASTM C67]	\$305.00	5821 Disc-shaped Compact Tension Test ASTM 7313 MNDOT Modified	\$428.00
1415 Efflorescence of brick or masonry units (ASTM C 67), per set of 10 specimens	\$195.00	5822 Semicircular Bend Test	\$333.00
1416 Initial rate of absorption (ASTM C 67), per set of 5 specimens	\$195.00	1545 Draindown Characteristics of Asphalt ASHTO T305 or ASTM D6390, per sample	\$117.00
1417 Compressive strength (ASTM C 67), per set of 5 specimens	\$177.00	1555 Bit wear and patch material, per core	\$23.00
1418 Absorption and saturation coefficient (ASTM C 67), per set of 5 specimens	\$249.00	1558 Lottman stripping (AASHTO T283), per sample	\$364.00
1419 Dimensional analysis (ASTM C 67), per set of 5 specimens	\$243.00	1562 Laboratory mix design (Marshall), per mix	Quote
1423 Warpage (ASTM C 67), per set of 10 specimens	\$288.00	1563 Laboratory mix design (Gyrotory), per mix	Quote
<b>Specialty Concrete</b>		1567 Resilient modulus of asphalt, per specimen	Quote
1427 Pachometer, per day	\$28.00	1568 Gyrotory gravity (AASHTO T312), per sample	\$191.00
1433 Windsor probe, per day	\$68.00	1569 Mobile laboratory rental, month	Quote
1437 Length Change of Hardened Concrete, (ASTM C157), per sample	\$502.00	<b>Soil and Aggregate Testing for Concrete, Bituminous, Roofing, etc.</b>	
1439 Absorption of cast stone (ASTM C1195), per set of 3	\$191.00	1162 Sieve analysis with 200 wash (ASTM C 136 and C 117), per sample	\$136.00
1441 Rapid Freeze/Thaw (ASTM C 666), per specimen	\$329.00	1166 Loss By Washing Through #200 Sieve (ASTM C 117), per sample	\$76.00
1448 Water Soluble Chloride Ion Content (ASTM C1218), per sample	\$143.00	1684 Lightweight particles 2.0 specific gravity (ASTM C 123), per sample	\$84.00
1449 Chloride, acid soluble, concrete (ASTM C 1152), per sample	\$143.00	1685 Lightweight particles 2.4 specific gravity (ASTM C123), per sample	\$154.00
1450 Bulk sample preparation, per sample	\$116.00	1686 Lithological Count (MNDOT1209), per sample	\$132.00
1456 Electrical Indications of Concrete's Ability to Resist Chloride Ion Penetration (RCP ASTM C1202), per test	\$502.00	1688 Percent crushed (ASTM D5821), per sample	\$84.00
1459 Diffusivity Coefecient (ASTM C1556), per sample	\$1,350.00	1692 Coarse aggregate specific gravity (ASTM C 127), per sample	\$86.00
1436 Pulse velocity meter, per day	\$28.00	1694 Fine aggregate specific gravity (ASTM C 128), per sample	\$128.00
1466 Setting Time (ASTM C 403), per sample	\$328.00	1696 Modified Mill Abrasion (Union Pacific), per sample	\$136.00

1698	Los Angeles Abrasion (ASTM C 131, C 535), per sample	\$136.00	1659	Positive Materials Identification (PMI), equipment only, per day	\$224.00
1700	Soundness, Magnesium Or Sodium Sulfate (ASTM C 88), per sample	\$335.00	1668	Radiography, Iridium, per shot	Quote
1702	Flat, Elongated, and Flat & Elongated (ASTM D 4791), per sample	\$100.00	<b>Computed radiography</b>		
1703	Flakiness index (MNDOT 1223), per sample	\$165.00	5431	Computed radiography, equipment only, per day	\$519.00
1704	Potential reactivity (ASTM C 289), per sample	\$1,281.00	5432	Computed radiography, per day, crew and equipment	Quote
1429	Potential Reactivity of Aggregates (ASTM C1260), per sample	\$827.00	<b>Welding Operator Examination</b>		
1705	Fine Aggregate Angularity (ASTM C1252), per sample	\$80.00	1604	Bend tests, welder qualification	Quote
1706	Unit weight (ASTM C 29), per test	\$76.00	1611	Radiography, AWS D1.1, welder qualification	\$131.00
1708	Mill abrasion (Union Pacific), per sample	\$136.00	1612	Bend Tests Welder Qualification	\$224.00
1712	Moisture content (ASTM C 566), per sample	\$27.00	1613	Radiography, ASME/ANSI, welder qualification	\$135.00
1716	Organic impurities (ASTM C 40), per sample	\$66.00	1623	AWS D1.5 welder qualification	\$161.00
1718	Clay lumps (ASTM C 142), per sample, per size tested	\$133.00	<b>Weld Procedure Qualifications</b>		
1720	Freeze-thaw (AASHTO T103), per sample	\$333.00	1619	PQR, per quote	Quote
<b>Insoluble residue (MNDOT)</b>			5569	Charpy test, per sample, set of 3	Quote
1724	Insoluble residue (MNDOT 1221), sample prep only	\$45.00	5572	Write WPS, per hour	\$260.00
1732	Hveem stabilometer R-Value (MNDOT 1307), per sample	\$468.00	<b>NDE Equipment, per day</b>		
1734	California bearing ratio (ASTM D 1883), per molded specimen	\$309.00	1626	MT Yoke equipment, per day	\$28.00
1738	Sample crushing, per hour	\$93.00	6756	Black light equipment, per day	\$32.00
1739	Resilient modulus of fine grain soils (molded), per sample	\$441.00	5567	Brinell Hardness bars, each	\$28.00
1761	Resilient modulus of coarse grain soils and aggregate, per sample	\$471.00	2210	Ultrasonic thickness gauge, per day	\$61.00
1741	Sand Equivalent (ASTM D2419), per sample	\$136.00	5269	Ultrasonic shearwave equipment, per day	\$106.00
<b>Stone</b>			<b>NDE Consumables</b>		
1746	Compressive strength stone, includes end cutting (ASTM C 170), per sample	\$116.00	1630	Consumable dry powder, per pound	\$32.00
1747	Unconfined compressive strength of intact rock core specimens (ASTM D7012), per specimen	\$116.00	1633	Portable visible spray, per can	\$32.00
1751	Coefficient of linear thermal expansion (ASTM D 5335), per sample	Quote	1634	Portable fluorescent spray, per can	\$32.00
<b>Geosynthetic and Pond Liner</b>			1636	Portable developer, per can	\$32.00
1753	Shear/Peel tests on field seams (HD PE, VLDPE), per sample	\$152.00	1637	Portable cleaner, per can	\$32.00
1754	Material property testing	Quote	1638	Portable visible penetrant, per can	\$32.00
<b>Fire-Resistive Materials</b>			1639	Portable fluorescent penetrant, per can	\$32.00
1784	Thickness/Density, laboratory determination	\$53.00	1642	Cellulose gum (with certifications) , per quart	\$61.00
1785	Adhesion/Cohesion Testing, per test	\$43.00	1643	High temperature couplant, per 4 oz . tube	\$150.00
<b>Other Specialty Testing</b>			1646	4-1/2" x 10" film, each	\$6.00
1470	Moisture Vapor Emission Rate Testing Kit (ASTM F1869), per kit	\$37.00	1647	4-1/2" x 17" film, each	\$10.00
1471	Relative humidity probe (ASTM F 2170), per probe	\$70.00	1648	14" x 17" film, each	\$35.00
1793	Tensile test	\$112.00	1649	8 x 10 film, each	\$10.00
1794	Floor Flatness Equipment, per pour	Quote	1650	5 x 7 film, each	\$6.00
1795	Concrete surface profiler (Dipstick) rental (one week minimum), per week	\$675.00	1651	7 x 17 film, each	\$18.00
1796	Concrete surface profiler (Dipstick ) rental, per day	\$200.00	70mm film, per weld		
1797	Anchor Testing Equipment, per test	Quote	5440	70mm film, per weld - Up to 6"	\$19.00
3701	Infrared Camera, hourly	\$80.00	5441	70mm film, per weld - 8" - 12"	\$24.00
<b>Air meter</b>			5442	70mm film, per weld - 14" - 18"	\$30.00
1828	Air Meter Full Rebuild	\$103.00	5443	70mm film, per weld - 20" - 24"	\$37.00
1820	Air Meter parts	Quote	5444	70mm film, per weld - 26" - 30"	\$44.00
<b>Nondestructive Examination Services</b>			5446	70mm film, per weld - 32" - 36"	\$55.00
1602	Computed Radiography (CR), per unit	Quote	<b>Geophysical Testing</b>		
1629	Magnetic Particle Examination, per unit	Quote	259	Ground penetrating radar, per hour	\$188.00
1635	Liquid Penetrant Examination, per unit	Quote	1443	Ground Penetrating Radar, per hour on site (includes equipment)	\$188.00
1640	Ultrasonic Examination, per unit	Quote	1447	Ground Penetrating Radar, per project	Quote
<b>Infrared</b>			8640	Mobilization	\$2,070.00
1658	Infrared report	Quote	<b>Coatings</b>		
1699	Thermographic imaging (minimum charge)	Quote	617	Coatings Inspections	\$117.00
<b>Positive materials identification (PMI)</b>			627	Coatings inspections, NACE Cert.	\$152.00
1654	Positive Materials Identification (PMI), equipment only, per hour	\$54.00			

637 Specification review	\$197.00	5064 Lumex mercury vapor analyzer, per week	\$1,744.00
1606 PosiTest AT Adhesion Tester, per Day	\$52.00	<b>Apex air sampling pump</b>	
1607 Elcometer 270 Holiday Detector, per Day	\$52.00	5135 Apex Air Sampling Pump, Daily	\$64.00
1608 Adhesion tests, 20 MM, each	\$44.00		
2210 Ultrasonic thickness gauge, per day	\$61.00	3105 Rotary Hammer Drill and Bit Rental and Wear, per Day	\$71.00
<b>NDE Miscellaneous Expense</b>		5056 Video camera rental, per day	\$59.00
1660 Vehicle, per day	\$43.00	5057 Radon canister, each	\$23.00
1661 Vehicle mileage, per mile	Quote	5092 Master locks - brass, each	\$28.00
1662 Mobile darkroom, per day	\$76.00	<b>Industrial Hygiene Equipment/Supplies</b>	
1663 Mobile darkroom, per mile	Quote	5065 Q-Trak IAQ monitor	Quote
1653 Radiography Transponder	\$64.00	5066 Dustrak monitor	Quote
1664 NDE Trip charge	Quote	5068 Filter cassettes, each	Quote
1666 Report	\$461.00	5070 Draeger tubes, each	Quote
<b>Environmental Site Evaluation Services</b>		<b>Air sampling pump</b>	
5000 Generator, per day	\$101.00	5072 Air Sampling Pump, per day	\$56.00
5003 Grundfos Pump, per day	\$214.00	5073 Air Sampling Pump, per week	\$166.00
3001 Peristaltic Pump per day	\$56.00		
<b>Submersible pump (40')</b>		5074 Draeger Pump, per day	\$31.00
5005 Grundfos Converter, per day	\$28.00	5076 Noise dosimeters/sound level meter	Quote
5006 Grundfos Converter, per week	\$73.00	<b>XRF spectrum analyzer</b>	
		5086 XRF Spectrum	\$120.00
3103 Colorimeter (Hach DR\890), Per Day	Quote	5087 XRF Spectrum analyzer, per day	\$572.00
3093 Field Test Kit, Per Reagent Parameter	\$18.00		
5018 Ordinary Consumables, per well	\$20.00	5105 Ventilation Smoke Tube	Quote
<b>Solinst Levellogger 3001</b>		5106 Anderson Sampler	Quote
5137 Solinst Levellogger 3001 per day	\$70.00	5107 High Volume Pump	Quote
5138 Solinst Levellogger 3001 per week	\$210.00	5111 Zefon Filter	\$10.00
5139 Solinst Levellogger 3001 per month	\$627.00	5118 Moisture Meter	Quote
<b>YSI 556 water quality meter</b>		<b>Safety Plans/Equipment</b>	
5019 YSI Water Quality Monitor, per hour	\$63.00	5067 Development & Review Health & Safety Plan for Braun Intertec Health & Safety Plan	Quote
5020 Water Quality Monitor, per day	\$231.00	540 Dev/Review, Braun Intertec HASP	\$171.00
5021 YSI Water Quality Monitor, per week	\$586.00	<b>Miscellaneous Equipment Rental/Supplies</b>	
		<b>Trimble GeoXH GPS (sub-meter horizontal only)</b>	
5025 Disposable bailer, each	\$20.00	5096 Trimble GeoXH GPS (sub-meter horizontal only), per hour	\$28.00
5027 Field filtering water, per sample	\$32.00	5097 Trimble GeoXH GPS (sub-meter horizontal only), per day	\$108.00
<b>Interface probe</b>		5098 Trimble GeoXH GPS (sub-meter horizontal only), per week	\$468.00
5080 Interface Probe, per hour	\$20.00	<b>Trimble R8 Rover GPS (horizontal and vertical)</b>	
5081 Interface Probe, per day	\$77.00	5099 Trimble R8 Rover (horizontal and vertical), per hour	\$60.00
<b>Water level tape</b>		5100 Trimble R8 Rover (horizontal and vertical), per day	\$321.00
5083 Water Level Tape, per hour	\$17.00	5101 Trimble R8 Rover (horizontal and vertical), per week	\$1,155.00
5084 Water Level Tape, per Day	\$51.00	<b>Unmanned Aerial Systems (UAS)</b>	
5085 Water Level tape	\$204.00	3759 Unmanned Aerial Systems (UAS), per day	\$2,430.00
3106 Boat, per day	\$198.00	<b>Reliance Letter, per addressee</b>	
<b>Field Analysis/Air Quality</b>		Greater of \$1,000 or 10% of original project fee	
<b>PID w/10.6 eV lamp</b>		<b>Pavement Evaluation Services</b>	
5035 PID w/10.6 eV lamp, per hour	\$37.00	<b>Nondestructive testing and analysis flexible pavements</b>	
5036 PID w/10.6 eV lamp, per day	\$157.00	8560 Parking lot testing and evaluation services	Quote
5037 PID w/10.6 eV lamp, per week	\$471.00	8510 Surface condition survey, per hour	Quote
<b>PID w/11.8 eV lamp</b>		8620 Falling Weight Deflectometer (FWD)	\$419.00
5038 PID w/11.8 eV lamp,per hour	\$42.00	8640 Mobilization	\$2,070.00
5039 PID w/11.8 eV lamp, per day	\$193.00	<b>Expenses</b>	
5040 PID w/11.8 eV lamp, per week	\$581.00	1854 Vehicle, per day	\$45.00
<b>MSA Orion 4-gas meter</b>		1856 Vehicle, per mile	\$1.00
5043 MSA Orion 4 Gas meter, per hour	\$28.00	1861 CMT Trip Charge - Fargo	\$36.00
5044 MSA Orion 4 Gas meter, per day	\$120.00	<b>Personnel Services, Per Hour</b>	
5045 MSA Orion 4 Gas meter, per week	\$360.00	121 Engineer-in-Training	\$131.00
<b>Landtec methane monitor</b>		118 Staff Engineer	\$141.00
5050 Landtec methane monitor,per day	\$152.00	320 Staff Scientist	\$137.00
5051 Landtec methane monitor,per week	\$457.00	157 BaSS Observation/Testing (3)	\$110.00
<b>PDR-1000 aerosol dust monitor</b>		327 Industrial Hygienist	\$171.00
5053 Particulate, aerosol, dust monitor, per day	\$139.00	156 BaSS Observation/Testing (2)	\$110.00
5054 Particulate, aerosol, dust monitor, per week	\$429.00	126 Project Engineer	\$172.00
<b>Lumex mercury vapor analyzer</b>		330 Project Scientist	\$166.00
5063 Lumex mercury vapor analyzer, per day	\$508.00	158 BaSS Observation/Testing (4)	\$110.00
		128 Senior Engineer	\$193.00