

HAPPY
LABOR
DAY

MOUNTAIN IRON
CITY COUNCIL
MEETING

TUESDAY, SEPTEMBER 4, 2018

6:30 P.M.

MOUNTAIN IRON COMMUNITY CENTER
MOUNTAIN IRON ROOM

**MOUNTAIN IRON CITY COUNCIL MEETING
COMMUNITY CENTER
MOUNTAIN IRON ROOM
TUESDAY, SEPTEMBER 4, 2018 - 6:30 P.M.
A G E N D A**

- I. Roll Call
- II. Consent Agenda
 - A. Minutes of the August 20, 2018, Regular Meeting (#1-7)
 - B. Receipts
 - C. Bills and Payroll
 - D. Communications
- III. Public Forum
- IV. Committee and Staff Reports
 - A. Mayor's Report
 - B. City Administrator's Report
 - 1. Safety Management Program Contract (#8-11)
 - C. Director of Public Works Report
 - 1. Quote for Boring Electrical Conduit (#12-14)
 - D. Library Director/Special Events Coordinator's Report
 - E. Sheriff's Department Report
 - F. City Engineer's Report
 - 1. Pay Request Number 6 – Nichols Ponds (#15-17)
 - G. Fire Department
 - 1. Hire Firefighter (#18)
 - H. Planning and Zoning Commission
 - 1. Conditional Use Permit (#19-23)
 - I. Public Safety and Health Board
 - 1. AED Purchase (#24)
 - 2. Fire Truck (#25)
 - J. Liaison Reports
- V. Unfinished Business
- VI. New Business
 - A. Resolution Number 23-18 Preliminary Levy (#26-32)
 - B. Resolution Number 24-18 Market Rate Levy(#28-32)
 - C. Resolution Number 25-18 EDA Levy (#29-32)
 - D. Authorization for Plans and Specifications (#33-39)
- VII. Communications (#40-43)
- VIII. Announcements
- IX. Adjourn

Page Number in Packet

MINUTES
MOUNTAIN IRON CITY COUNCIL
August 20, 2018

Mayor Skalko called the City Council meeting to order at 6:31p.m. with the following members present: Councilor Joe Prebeg, Jr., Steve Skogman, Susan Tuomela, and Mayor Gary Skalko. Also present were: Craig J. Wainio, City Administrator; Tim Satrang, Director of Public Works; Amanda Inmon, Municipal Services Secretary; Sally Yuccas, Library Director/Special Events Coordinator; Bryan Lindsay, City Attorney; SGT John Backman, Sheriff's Department. Absent: Councilor Alan Stanaway

It was moved by Skalko and seconded by Tuomela that the consent agenda be approved as follows:

1. Approve the minutes of the August 6, 2018, regular meeting as submitted.
2. That the communications be accepted and placed on file and those requiring further action by the City Council be acted upon during their proper sequence on the agenda.
3. To acknowledge the receipts for the period August 1-15, totaling \$203,869.90 (a list is attached and made a part of these minutes).
4. To authorize the payments of the bills and payroll for the period August 1-15, totaling \$411,777.98 (a list is attached and made a part of these minutes).

The motion carried on roll call vote, with Councilor Stanaway absent.

Public Forum:

- No one spoke during the public forum

The Mayor reported on the following:

- Condolences to the family and friends of Rudy Esola and Stanaway family
- Happy birthday to Craig Wainio turned 50 on August 18th
- Local Female Bowlers, including Libby Overbye, from Mountain Iron won 1st place at the 2018 Division 3 Minnesota State USBC Youth Championship Tournament
- Heliene USA, Inc. in process of hiring individuals through Always There Staffing, Hibbing, MN

City Administrator:

- Preliminary budget level will be presented at next meeting for Council consideration
- Letter sent to local private fire Hydrant owners to complete certain forms and documents, as next year, 2019, fire hydrant program will be implemented

It was moved by Tuomela and seconded by Skogman to authorize the "letter of engagement," with Mrs. Kaela Brennan from the law firm, McGrann Shea Carnival Straughn & Lamb, Chartered, in regards to electric service territory infringement matters with Lake Country Power. The motion carried with Councilor Stanaway absent.

Director of Public Works:

- Culverts changed out on Mud Lake Road by St. Louis County
 - Prep work to be completed this year, with overlay scheduled for next year
- City crews repaired sewer line damaged on Friday, August 17th
- Street patching currently being done, as well as valve changes throughout Mountain Iron
- Big thank you to the City crew for all of their hard work
- Improvements done on the Disc Golf site at the West II Rivers Campground

Library Director/Special Events Coordinator:

- Thursday, October 4th “Taste of Mountain Iron,” at Mountain Iron Community Center
- Tuesday, August 21st at 2:00pm, Book to movie “Time Traveler’s Wife”

Sheriff’s Department:

- No arrests or tickets given at Merritt Days
- No formal report

City Attorney:

- No formal report

It was moved by Prebeg and seconded by Skogman to approve Resolution #22-18; authorizing the application to the IRRRB Residential Redevelopment Program for the removal of one structure at 5702 Mineral Avenue (a copy is attached and made a part of these minutes). The motion carried with Councilor Stanaway absent.

It was moved by Prebeg and seconded by Tuomela to reschedule the September 3rd City Council meeting to Tuesday, September 4, 2018 at the Mountain Iron City Hall due to the Labor Day Holiday weekend. The motion carried with Councilor Stanaway absent.

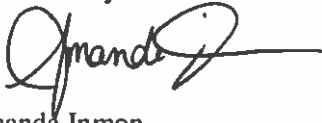
The council reviewed the list of communications.

The MIB Quarterback Club requests contribution for their 2018 Ranger Football Season, for assistance in purchasing safety equipment, other football equipment as well as for defraying traveling expenses. It was moved by Prebeg and seconded by Skogman to donate \$250 (Red Level) to the MIB Quarterback Club to help with the purchase of equipment for their 2018 Football Season out of the Charitable Gambling Fund. The motion carried on a roll call vote, with Councilor Stanaway absent.

It was moved by Skogman and seconded by Tuomela to authorize the purchase of a table at the price of \$160 for the Summer Work Outreach Project’s (SWOP) “Classics for Kids,” Event, to be held on Thursday, August 30, from 5:00 – 8:00 p.m. at the Elks Club in Virginia, MN. Monies to come from the Charitable Gambling Fund. The motion carried on a roll call vote, with Councilor Stanaway absent.

At 6:53p.m., it was moved by Skalko and seconded by Tuomela that the meeting be adjourned. The motion carried with Councilor Stanaway absent.

Submitted by:

A handwritten signature in black ink, appearing to read 'Amanda Inmon', with a long horizontal flourish extending to the right.

Amanda Inmon
Municipal Services Secretary
www.mtniron.com

Communications:

1. City of Mountain Iron received an award for continued participation as a Step 2 City in the Minnesota Green Step Cities Program
2. Grand Opening of the Bridgeview Park, "2018 Bridge Daze", September 15, 2018 at 12:00pm, located on the Mesabi Trail, approximately 0.8 miles south of East Chestnut Street

Distribution Summary

Category	Distribution	GL Account	Amount
BUILDING RENTALS	BUILDING RENTAL DEPOSITS	101-20607	500.00
BUILDING RENTALS	COMMUNITY CENTER	101-36-6200-089	525.00
BUILDING RENTALS	NICHOLS HALL	101-36-6200-089	70.00
CAMPGROUND RECEIPTS	CREDIT CARD FEES	101-36-6200-091	134.02
CAMPGROUND RECEIPTS	FEES	101-36-6200-091	8,486.84
CAMPGROUND RECEIPTS	LODGING TAX PAYABLE - W2 CAMP.	101-20803	254.40
CAMPGROUND RECEIPTS	PAVILION FEES	101-36-6200-091	110.00
CAMPGROUND RECEIPTS	SALES TAX PAYABLE-W2 CAMPGR.	101-20800	630.71
CD INTEREST	CD INTEREST 101	101-36-6200-000	1,547.18
CD INTEREST	CD INTEREST 378	378-36-6210-000	138.85
CD INTEREST	CD INTEREST 602	602-36-2100-062	119.01
CD INTEREST	CD INTEREST 603	603-34-4400-010	59.51
CD INTEREST	CD INTEREST 604	604-36-6210-000	19.83
CD INTEREST	CD INTEREST601	601-36-6200-010	99.18
CHARGE FOR SERVICES	ELECTRIC-CHG FOR SERVICES	604-37-4100-000	602.38
FINES	CRIMINAL	101-35-5100-000	410.78
METER DEPOSITS	ELECTRIC	604-22000	950.00
METER DEPOSITS	WATER	601-22000	40.00
MISCELLANEOUS	ASSESSMENT SEARCHES	101-36-6200-070	20.00
MISCELLANEOUS	BLUE CROSS/BLUE SHIELD PAYABLE	101-21709	56,033.56
MISCELLANEOUS	CHARITABLE GAMBLING PROCEEDS	230-31-1010-000	391.88
MISCELLANEOUS	DELTA DENTAL PAYABLE	101-21708	1,647.25
MISCELLANEOUS	REIMBURSEMENTS	101-37-7100-022	2,356.41
MISCELLANEOUS	USABLE LIFE INS. PAYABLE	101-21710	393.18
PERMITS	BUILDING	101-32-2100-000	1,177.63
PERMITS	VENDOR	101-32-2100-000	100.00
UTILITY	UTILITY	001-11105	127,052.20
Grand Totals:			203,869.90

Report Criteria:

Report type: Summary

Check.Type = {<>} "Adjustment"

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
08/18	08/15/2018	152084	130011	UNITED STATES POSTAL SERVICE	601-20200	427.00
08/18	08/21/2018	152085	10056	A T & T MOBILITY	604-20200	1,567.01
08/18	08/21/2018	152086	1260	ALAN ZAFFKE	101-20200	66.23
08/18	08/21/2018	152087	1064	ALYKANDRA FILIPEK	604-20200	252.10
08/18	08/21/2018	152088	130017	AMERICAN BANK	101-20200	1,245.34
08/18	08/21/2018	152089	20022	BENCHMARK ENGINEERING INC	101-20200	22,832.75
08/18	08/21/2018	152090	1066	BRENDAN DONNER	604-20200	103.61
08/18	08/21/2018	152091	60022	BRODY BISONETTE	101-20200	77.21
08/18	08/21/2018	152092	30055	BTAC ACQUISITION CORP.	101-20200	639.74
08/18	08/21/2018	152093	30084	CARDMEMBER SERVICE	603-20200	7,058.50
08/18	08/21/2018	152094	170001	CENTURY LINK	101-20200	265.15
08/18	08/21/2018	152095	1067	CHANAYA WHEELOC	604-20200	122.58
08/18	08/21/2018	152096	1063	CHERYL BLAIDO	604-20200	284.98
08/18	08/21/2018	152097	220003	CITY OF VIRGINIA	101-20200	47.56
08/18	08/21/2018	152098	30072	COMPUTER WORLD	301-20200	11,779.75
08/18	08/21/2018	152099	30083	COPPERHEAD INDUSTRIES, LLC	602-20200	1,013.03
08/18	08/21/2018	152100	1901024	CTC	101-20200	563.80
08/18	08/21/2018	152101	635	CURT PIRI	101-20200	100.00
08/18	08/21/2018	152102	1065	DAKOTA HILL	604-20200	350.00
08/18	08/21/2018	152103	40060	DELTA DENTAL OF MINNESOTA	101-20200	1,911.40
08/18	08/21/2018	152104	50051	ESRI	301-20200	400.00
08/18	08/21/2018	152105	50047	ESS BROTHERS & SONS INC	101-20200	4,365.29
08/18	08/21/2018	152106	1218	FLOOR TO CEILING STORE	101-20200	184.00
08/18	08/21/2018	152107	70029	GUARDIAN PEST CONTROL INC	101-20200	88.60
08/18	08/21/2018	152108	80001	HILLYARD/HUTCHINSON	101-20200	406.47
08/18	08/21/2018	152109	80037	HOMETOWN MEDIA PARTNERS	101-20200	94.50
08/18	08/21/2018	152110	80055	HUNDRIESER CONSULTING LLC	101-20200	5,000.00
08/18	08/21/2018	152111	30023	J P COOKE COMPANY	101-20200	80.50
08/18	08/21/2018	152112	631	JESSICA DALL	101-20200	200.00
08/18	08/21/2018	152113	1062	JOHN SHALEEN	604-20200	212.32
08/18	08/21/2018	152114	633	JUDI LEHMAN	101-20200	100.00
08/18	08/21/2018	152115	634	KELLY HILDRETH	101-20200	100.00
08/18	08/21/2018	152116	1060	KEVIN BROWN	604-20200	113.16
08/18	08/21/2018	152117	1058	KEVIN PETZ	603-20200	160.79
08/18	08/21/2018	152118	120006	L & M SUPPLY	601-20200	1,690.37
08/18	08/21/2018	152119	120032	LAKE COUNTRY POWER	101-20200	210.00
08/18	08/21/2018	152120	120003	LEAGUE OF MINNESOTA CITIES	101-20200	45.00
08/18	08/21/2018	152121	1059	LUENG ELEANOR	604-20200	124.16
08/18	08/21/2018	152122	130004	MESABI DAILY NEWS	101-20200	44.87
08/18	08/21/2018	152123	130077	MIB QUARTERBACK CLUB	230-20200	250.00
08/18	08/21/2018	152124	110035	MIDWEST COMMUNICATIONS	101-20200	940.00
08/18	08/21/2018	152125	130133	MIDWEST PLAYSCAPES INC	301-20200	4,999.84
08/18	08/21/2018	152126	130044	MINNESOTA DEPT OF HEALTH	601-20200	1,485.00
08/18	08/21/2018	152127	140026	MINNESOTA ENERGY RESOURCES	602-20200	600.59
08/18	08/21/2018	152128	130009	MINNESOTA POWER (ALLETE INC)	604-20200	74,907.15
08/18	08/21/2018	152129	1061	MNA HEALTHCARE	604-20200	54.66
08/18	08/21/2018	152130	632	MONTANA JOHNSON	101-20200	200.00
08/18	08/21/2018	152131	130015	MOUNTAIN IRON PUBLIC UTILITIES	602-20200	14,967.48
08/18	08/21/2018	152132	1901018	NORTH CENTRAL LABORATORIES	602-20200	202.10
08/18	08/21/2018	152133	140052	NORTHEAST SERVICE COOPERATIVE	101-20200	95,659.00
08/18	08/21/2018	152134	140005	NORTHERN FITNESS GROUP	101-20200	387.46
08/18	08/21/2018	152135	140016	NORTHLAND SECURITIES	102-20200	1,980.00
08/18	08/21/2018	152136	160066	PACE ANALYTICAL SERVICES	602-20200	232.00

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
08/18	08/21/2018	152137	1259	POLLY LAFORGE	101-20200	33.11
08/18	08/21/2018	152138	170005	QUALITY FLOW SYSTEMS INC	602-20200	536.82
08/18	08/21/2018	152139	170007	QUILL CORPORATION	101-20200	200.39
08/18	08/21/2018	152140	180004	RANGE COOPERATIVES	101-20200	30.00
08/18	08/21/2018	152141	190067	SAINT LOUIS COUNTY	101-20200	105.00
08/18	08/21/2018	152142	190023	SHORT ELLIOTT HENDRICKSON, INC	301-20200	4,100.00
08/18	08/21/2018	152143	4044	SUMMER WORK OUTREACH PROGRAM	230-20200	160.00
08/18	08/21/2018	152144	200003	TACONITE TIRE SERVICE	101-20200	1,198.05
08/18	08/21/2018	152145	180026	TIMOTHY D BROOKS	101-20200	4,242.71
08/18	08/21/2018	152146	210001	UNITED ELECTRIC COMPANY	604-20200	4,723.51
08/18	08/21/2018	152147	220004	VIRGINIA DEPARTMENT OF PUBLIC	604-20200	43,694.29
08/18	08/21/2018	152148	220020	VISA OR AMERICAN BANK CC PMT	101-20200	4,749.08
08/18	08/21/2018	152149	80003	WELLS FARGO BANK	101-20200	620.00
08/18	08/21/2018	152150	230028	WISCONSIN ENERGY CONSERVATION	604-20200	27.50
08/18	08/21/2018	152151	60038	WRIGHT EXPRESS FINAN SERV CORP	602-20200	7,255.91
08/18	08/21/2018	152152	140052	NORTHEAST SERVICE COOPERATIVE	101-20200	200.00

Grand Totals:

333,069.42

PP-ENDING 08/10

78,708.56

TOTAL EXPENDITURES**\$411,777.98**



CITY OF MOUNTAIN IRON

"TACONITE CAPITAL OF THE WORLD"

PHONE: 218-748-7570 • FAX: 218-748-7573 • www.mtniron.com
8586 ENTERPRISE DRIVE SOUTH • MOUNTAIN IRON, MN • 55768-8260

RESOLUTION NUMBER 22-18

AUTHORIZING THE CITY OF MOUNTAIN IRON TO MAKE APPLICATION TO AND ACCEPT FUNDS FROM RESIDENTIAL REDEVELOPMENT GRANT PROGRAM

WHEREAS, the Mountain Iron City Council approves of the attached application for the 5702 Mineral Avenue residential redevelopment project; and,

WHEREAS, the Mountain Iron City Council agrees to accept funding for the underlying project if approved by the IRRRB.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF MOUNTAIN IRON, MINNESOTA, that it does hereby adopt this Resolution.

DULY ADOPTED BY THE CITY COUNCIL THIS 16th DAY OF AUGUST, 2017.

ATTEST:



City Administrator



Mayor Gary Skalko

COUNCIL LETTER 090418-IVB1

SAFETY

MMUA SAFETY TRAINING CONTRACT

DATE: August 30, 2018
FROM: Craig J. Wainio
City Administrator

The City of Mountain Iron's Safety Committee recommends that the contract for employee training be approved for the year 2018-2019 in the amount of \$11,200.00. The fee for the previous year (2017-2018) was \$10,850.00. For the fee, MMUA provides monthly training for all employees as well as keeps all our required OSHA documentation up to date.



Minnesota Municipal Utilities Association

3025 Harbor Lane N | Suite 400
Plymouth, MN 55447-5142
Phone 763.551.1230 | Toll Free 800.422.0119 (MN)
Fax 763.551.0459
www.mmua.org

August 1, 2018

MEMORANDUM

To: Safety Management Participants

From: Mike Willetts, Director of Job Training and Safety

Subject: 2018-19 Safety Management Program Contract

It is time to renew your safety management program contract. If we held a regional group meeting earlier this year, please note that the budgets have not changed since then, unless to make specific corrections. For those where we did not hold a group meeting this year, please note that the budgets have been created with the goal of having minimal price increases while covering MMUA's costs in providing your service. The contract amendments will cover October 1, 2018 through September 30, 2019, to coincide with MMUA's fiscal year.

Two copies of your contract amendment are enclosed. Please sign both contracts keeping one for your records and mailing the other to the address shown below. Please do not send payment at this time. You will be billed October 1. Mail your signed contract to:

Larry Pederson, Director of Finance
Minnesota Municipal Utilities Association
3025 Harbor Lane North, Suite 400
Plymouth, MN 55447-5142

If you have any concerns with the new contract, please contact me or Larry as follows:

Mike Willetts: phone 763-746-0705 or e-mail mwilletts@mmua.org
Larry Pederson: phone 763-746-0704 or e-mail lpederson@mmua.org

Thank you for being part of MMUA's safety management groups. With this program and your support we have proven that working together as a group we can develop a safety program that is affordable and at the same time works.

Minnesota Municipal Utilities Association

AMENDMENT TO SERVICES AGREEMENT

Safety Management Program

Contract Date: July 16, 2018

Contract Number: 20-2019

The services agreement entered into between Minnesota Municipal Utilities Association (MMUA) and Mountain Iron Public Utilities (Mountain Iron), dated July 11, 2017, contract number 20-2018, is amended as follows:

PART II, Section 1.

1. DURATION: This Agreement shall remain in force from October 1, 2018 until September 30, 2019 (the "expiration date").

PART III, Section 1.

1. COMPENSATION: For the services covered by this Agreement, Mountain Iron shall pay MMUA an annual fee of eleven thousand two hundred dollars and 00 cents (\$11,200.00) for the 2018-19 annual period. Such compensation shall be due and payable according to the selected payment terms below.

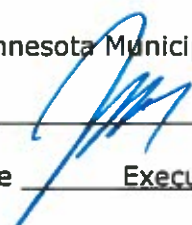
Payment terms for the fee agreed to above shall be based on one of the following options (select one):

- ☐ Annual Payment (\$11,200.00)
- ☐ Quarterly Payments (\$2,800.00 each)

For any term of less than twelve full calendar months, the fee shall be a portion of the annual fee, pro-rated based on the number of calendar months or partial calendar months in which the services were provided as a percentage of twelve (12).

The parties hereby accept the terms of the Agreement as modified.

Mountain Iron Public Utilities
By _____
Title _____
Date _____
Purchase Order # _____

Minnesota Municipal Utilities Association
By  _____
Title Executive Director
Date July 16, 2018

Minnesota Municipal Utilities Association
Safety Management Program
Northeast Group Fee Calculation (Dave Lundberg)
October 1, 2018 - September 30, 2019

City	Population	2018-19	2018-19	2017-18	Difference	Total	# of Days
		Annual Charge	Quarterly Charge	Annual Charge		2018-19 with JTS	
Aitkin	2,127	\$15,200.00	\$3,800.00	\$14,850.00	\$350.00	\$15,200.00	2
Grand Marais	1,419	\$15,200.00	\$3,800.00	\$14,850.00	\$350.00	\$17,000.00	2
Keewauin	1,172	\$10,000.00	\$2,500.00	\$9,500.00	\$500.00	\$10,000.00	1
Moose Lake	2,445	\$15,200.00	\$3,800.00	\$14,850.00	\$350.00	\$17,600.00	2
Mountain Iron	2,843	\$11,200.00	\$2,800.00	\$10,850.00	\$350.00	\$13,000.00	1
Nashwauk	949	\$9,700.00	\$2,425.00	\$9,350.00	\$350.00	\$9,700.00	1
Princeton (city)	4,503	\$10,400.00	\$2,600.00	\$9,900.00	\$500.00	\$10,400.00	1
Two Harbors	3,685	\$10,850.00	\$2,712.50	\$10,500.00	\$350.00	\$10,850.00	1
White Bear Lake	23,000	\$15,350.00	\$3,837.50	\$14,850.00	\$500.00	\$15,350.00	1
Zimmerman	5,335	\$11,000.00	\$2,750.00	\$10,500.00	\$500.00	\$11,000.00	1
RSG - Pine County		\$7,200.00	\$1,800.00	\$7,200.00	\$0.00	\$7,200.00	0.5
RSG - Vermillion		\$7,200.00	\$1,800.00	\$7,200.00	\$0.00	\$7,200.00	0.5
RSG - Lake Superior		\$14,000.00	\$3,500.00	\$14,000.00	\$0.00	\$14,000.00	0.5
RSG - Circle Pines (CCL)		\$14,000.00	\$3,500.00	\$14,000.00	\$0.00	\$14,000.00	1
RSG - Mesabi							
Totals:		\$173,700.00	\$43,425.00	\$169,600.00	\$4,100.00	\$179,700.00	16.5

Annual JTS (Electric)			
	\$600.00	per lineman	
Aitkin	0		2018-19
Gilbert	0		\$0.00
Grand Marais	3		\$1,800.00
Keewauin	0		\$0.00
Moose Lake	4		\$2,400.00
Mountain Iron	3		\$1,800.00
Nashwauk	0		\$0.00
Totals:	10		\$6,000.00

Please notify Larry Pederson of changes to your city.

COUNCIL LETTER 090418-IVC1

ELECTRICAL

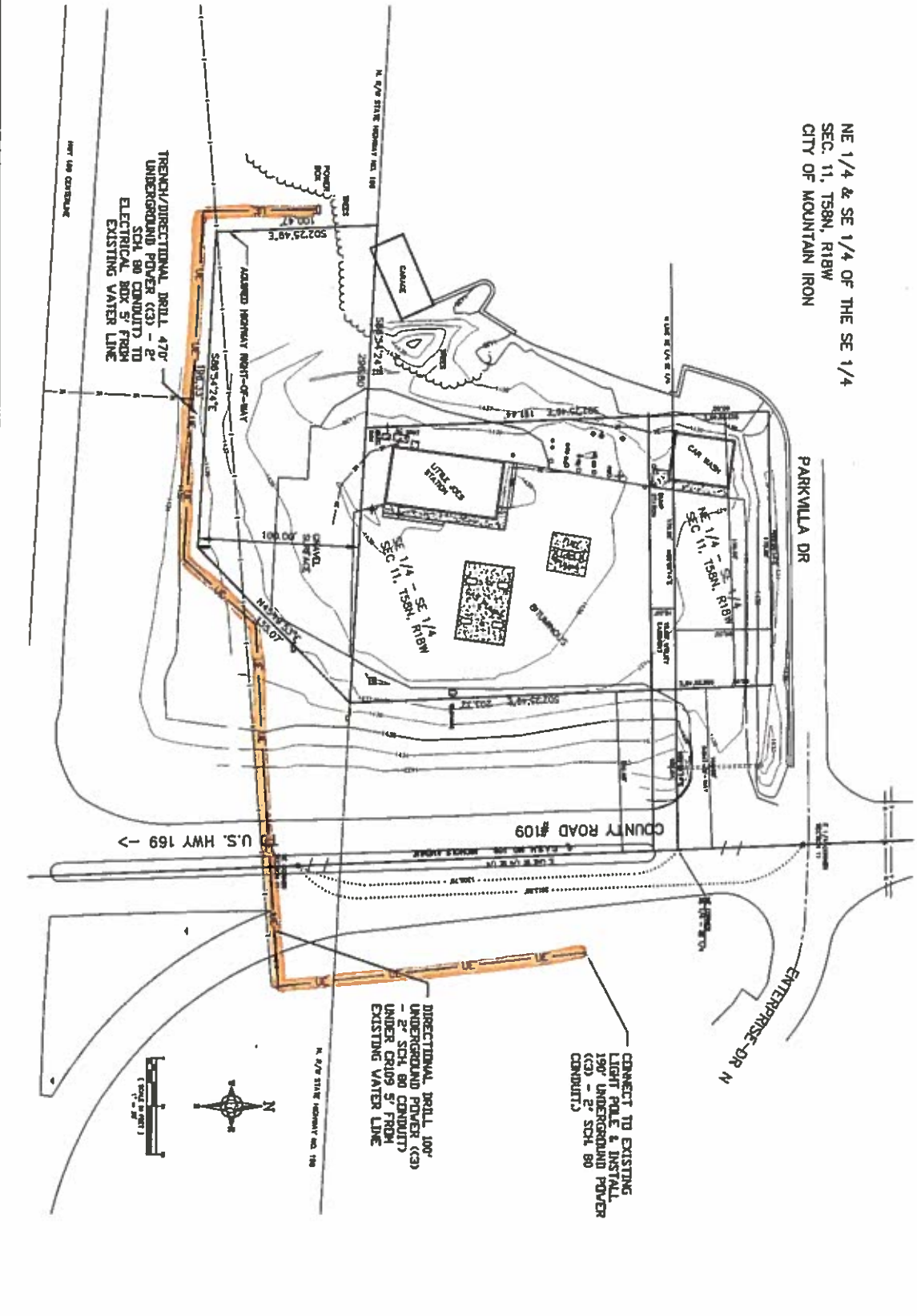
BORING

DATE: August 30, 2018

FROM: Tim Satrang
Director of Public Works

Craig J. Wainio
City Administrator

Staff has received a quote for the installation of electrical conduit from the west side of L&M to the west side of the Shortstop as shown on the enclosed map. This electrical connection will assist with our voltage conversion and our long term plan. It is recommended to accept the quote from Gulbranson Excavating as presented.



BENCHMARK 6813 Main Street P.O. Box 201 Mountain Iron, MN 55109 Phone: 218-725-8316 Fax: 218-725-8873 E-Mail: info@benchmark.com Website: www.benchmark.com		I hereby certify that the plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Project Name: _____ Date: _____ License No.: _____	Project No.: _____ Date: FEBRUARY 16, 2017 Drawn By: BJB Checked By: AJI	Date: _____ Revision: _____ Description: _____

GULBRANSON EXCAVATING CO.

4770 Differding Point
Eveleth MN 55734
(218) 741-5747 Fax (218) 741-5763

August 28, 2018

Tim Satrang
City of Mt.Iron

Re: Installation of 3 phase power

Dear Tim:

The following is a quote for the plowing and drilling of three phase power by Little Joes for estimated 800'. It is estimated that 100' of this will be directional drill. The only material Gulbranson Excavating will provide is 2" pipe for estimated 300'. Gulbranson Excavating will not be responsible for damaged utilities that are unknown or improperly marked.

Labor and equipment installing 3 phase cable	\$4,850.00
Directional Drill 100' pulling back three 2" pipe	\$2,450.00
Material 2" pipe 300'	\$300.00

Sincerely,

Shawn Gulbranson
General Manager



CIVIL AND ENVIRONMENTAL ENGINEERING • PLANNING
MINING • LAND SURVEYING • LAND DATA BASE MAPPING

8878 Main Street • P.O. Box 261
Mt. Iron, MN 55768-0261
tel: 218-735-8914 • fax: 218-735-8923
email: info@bm-eng.com

August 29, 2018

Mr. Craig Wainio, City Administrator
City of Mountain Iron
8586 South Enterprise Drive
Mountain Iron, MN 55768

Re: Nichols Wastewater Pond Decommissioning
City of Mountain Iron
Project No.: MI15-05

Dear Mr. Wainio;

Enclosed please find Pay Request No. 6 for the Nichols Wastewater Pond Decommissioning project in the amount of **\$72,354.00**, for approval at your next scheduled City Council meeting. This amount includes withholding 5% retainage on work completed to date.

Please refer to the enclosed pay request breakdown for a summary of items completed.

If you have any questions or need additional information please do not hesitate to contact me.

Sincerely,
Benchmark Engineering, Inc.

Alan J. Johnson, P.E.

Project Engineer
Enclosure

Pc: Andy Dammer, Veit Company

RECOMMENDATION OF PAYMENTNo. 6

Owner's Project No.: _____

Engineer's Project No.: MI15-05Project: Reconstruction of Mountain Iron DriveCONTRACTOR: Veit Company, 1100 West Gary Street, Duluth, MN 55808For Period Ending: August 29, 2018

To: City of Mountain Iron
Owner

Attached hereto is the CONTRACTOR's Application for Payment for Work accomplished under the Contract through the date indicated above. The application meets the requirements of the Contract Documents for the payment or work completed as of the date of this Application.

In accordance with the Contract the undersigned recommends payment to the CONTRACTOR of the amount due as shown below.

BENCHMARK ENGINEERING, INC.Dated August 29, 2018By _____
**STATEMENT OF WORK**

Original Contract Price	\$ <u>593,330.84</u>	Work & Materials to Date	\$ <u>547,249.61</u>
Net Change Orders	\$ <u>-8,601.75</u>	Amount Retained (5%)	\$ <u>27,362.48</u>
Current Contract Price	\$ <u>584,729.09</u>	Subtotal	\$ <u>519,887.13</u>
		Previous Payments	\$ <u>447,533.13</u>
		Amount Due this Payment	\$ <u>72,354.00</u>



PAY REQUEST NO. 6
CITY OF MOUNTAIN IRON, MINNESOTA
PROJECT NO: M15-05
NICHOLS WASTEWATER POND DECOMMISSIONING

DATE: August 29, 2018

DATE: August 29, 2018				VEIT COMPANIES DULUTH, MN				
SPEC. NO.	ITEM	UNITS	ESTIMATED QUANTS	UNIT COST	QUANTITY THIS PERIOD	QUANTITY LAST PERIOD	QUANTITY TO DATE	TOTAL AMOUNT
2021.501	MOBILIZATION	LUMP SUM	1.0	\$37,875.00			1.00	\$37,875.00
2101.511	CLEARING AND GRUBBING	LUMP SUM	1.0	\$23,245.00			1.00	\$23,245.00
2104.501	REMOVE PIPE SEWER	LN. FT.	1710.0	\$15.70			1710.00	\$26,847.00
2104.501	REMOVE VALVES	EACH	3.0	\$217.00			3.00	\$651.00
2104.501	ABANDON PIPE IN PLACE	EACH	2.0	\$1,195.00			2.00	\$2,390.00
2104.501	ABANDON MONITORING WELLS	EACH	4.0	\$1,693.00			4.00	\$6,772.00
2104.507	REMOVE CONCRETE HEADWALL/PAD	EACH	4.0	\$1,204.00			4.00	\$4,816.00
2104.509	REMOVE MANHOLE OR CATCH BASIN	EACH	3.0	\$989.00			3.00	\$2,967.00
2104.509	REMOVE CONCRETE OUTLET STRUCTURE	EACH	1.0	\$767.00			1.00	\$767.00
2104.509	REMOVE LIFT STATION	EACH	1.0	\$2,852.00			1.00	\$2,852.00
							0.00	
2105.501	COMMON EXCAVATION	CU. YD.	1001.40	\$6.00	1,001.40	1,502.10	1001.40	\$60,084.00
2105.503	SLUDGE EXCAVATION	CU. YD.	7215.6	\$11.50	721.56	1,082.34	7215.60	\$82,979.40
2105.535	SALVAGE TOPSOIL	CU. YD.	4265.2	\$7.75	426.52	639.78	4265.20	\$33,055.30
2105.601	DEWATERING	LUMP SUM	1.0	\$17,352.00	0.05	0.15	0.95	\$16,484.40
2105.604	GEOTEXTILE FABRIC TYPE V	SQ. YD.	890.7	\$1.50			890.70	\$1,336.05
2105.604	GEOTEXTILE FABRIC TYPE IV	SQ. YD.	1346.2	\$1.80	1,346.20		1346.20	\$2,423.16
							0.00	
2221.503	AGGREGATE BASE (CV), CLASS 5	CU. YD.	198.9	\$34.30			198.90	\$6,822.27
	SWAMP PADS	LN. FT.	568.0	\$137.00		227.20	568.00	\$77,816.00
2506.601	CONSTRUCT 200'X50' CLAY LINED SLUMP	EACH	2.0	\$5,250.00	1.00		2.00	\$10,500.00
2511.501	CLASS 2 FIELD STONE (SWALE CONSTRUCTION)	CU. YD.	673.1	\$34.80	440.00		440.00	\$15,312.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$2,822.00			1.00	\$2,822.00
2573.502	SILT FENCE, TYPE PREASSEMBLED	LN. FT.	7500.0	\$1.20		750.00	7500.00	\$9,000.00
2575.502	SEED, MIXTURE EMERGENT WETLAND	ACRE	19.1	\$3,704.00	4.00	15.10	19.10	\$70,746.40
2575.502	SEED, MIXTURE WET MEADOW	ACRE	2.9	\$3,363.00	1.10	1.80	2.90	\$9,752.70
2575.502	SEED, MIXTURE DRY PRAIRIE	ACRE	10.6	\$2,565.00	3.10	7.50	10.60	\$27,189.00
2575.502	SEED, MIXTURE STORM WATER NORTHEAST	ACRE	0.3	\$3,850.00	0.30		0.30	\$1,155.00
2575.523	EROSION CONTROL BLANKET, CAT. 3	SQ. YD.	244.9	\$3.50	244.90		244.90	\$857.15
2575.525	TURF REINFORCEMENT MAT, CAT. 3	SQ. YD.	244.9	\$9.70	244.90		244.90	\$2,375.53
2575.555	TURF ESTABLISHMENT	LUMP SUM	1.0	\$15,959.00	1.00		1.00	\$15,959.00
2575.555	VEGETATIVE MAINTENANCE 2018	LUMP SUM	1.0	\$14,250.00			0.00	\$0.00
2575.555	VEGETATIVE MAINTENANCE 2019	LUMP SUM	1.0	\$14,250.00			0.00	\$0.00
	CHANGE ORDER 1 REVISED TEMP ROAD ACCESS L	LUMP SUM	1.0	-\$12,116.00			1.00	-\$12,116.00
ADDED	ADDITIONAL SEED COST	LUMP SUM	1.0	\$3,514.25		1.00	1.00	\$3,514.25

CURRENT CONTRACT PRICE: \$584,729.09

COMPLETED TO DATE: \$547,249.61

LESS RETAINAGE: (\$27,362.48)

SUBTOTAL PAY REQUEST #6: \$519,887.13

LESS PREVIOUS PAYMENTS: -\$447,533.13

TOTAL PAY REQUEST #6: \$72,354.00

Ala P. Johnson

COUNCIL LETTER 090418-IG1

FIRE DEPARTMENT

FIREFIGHTERS

DATE: August 30, 2018

FROM: Gerry Knapper
Fire Chief

Craig J. Wainio
City Administrator

The Fire Department is recommending that the City Council approve the hiring of the following paid on call firefighters:

Lisa Richards

CITY OF MOUNTAIN IRON

☒ **CONDITIONAL USE PERMIT** ☐ **VARIANCE APPLICATION**

Name of Owner: Anthony Mason Signature of Owner: [Signature]
 Address: 408 4th Street South Date: 7/24/2018
Urbana MN. 55792
 Legal Description: _____
 Sec/Lot 9:10 Twp/Block 58 Rge/Subd 18 Parcel Code: 175-0070-01262
01091
01238
01270

Description of Proposed Use for CONDITIONAL USE PERMIT:

Indoor outdoor shooting range
 Statement as to why proposed use will not cause injury to value of adjoining property.

Build to MN DNR & NRA specs.

Statement as to how proposed use is to be designed, arranged, and operated in order to permit development and use of neighboring property.

Area for which VARIANCE requested: (i.e. setbacks, height, etc)

CUP to construct a gun range as recreational use in Industrial zoning
 Statement addressing condition of "undue hardship" for which VARIANCE is requested.

*Owner is required to submit a vicinity map, drawn to scale, showing owners and adjoining property including all existing or proposed buildings or uses. Use reverse side of this form.

OFFICE USE ONLY

ITEM	ACTION	DATE	INITIAL
Application Submitted/Paid	<u>applied</u>	<u>07/25</u>	
Zoning Administrator Review			
Public Hearing Set			
Hearing Notice Published			
Planning & Zoning Recommendation (Board of Adjustment and Appeals Rec.)			
City Council Action			
Filed with County Recorder			

Conditions Attached _____

Mountain Iron Planning and Zoning Commission

August 27, 2018

Meeting was called to order at 6:00 p.m. by Chairman Steve Skogman.

Those Present: Steve Erickson, Tim Johnston, Steve Skogman, Barb Fivecoate, Margaret Soyring, and Jerry Kujala, Planning and Zoning Administrator. Absent Jim Techar.

Motion by Skogman and supported by Johnston to approve the minutes of the August 13, 2018 meeting as presented. Motion carried. Techar absent.

Zoning Administrators Report: Addressed an issue with the property owner of a fabric structure in Parkville that did not meet setbacks. Left a card at the Sawmill as the owner wasn't in addressing the shed built without a permit. There are four new houses under construction in Mountain Iron.

Moved by Fivecoate, supported by Erickson to recess the regular meeting and open the public hearing at 6:05p.m.

The purpose of the Public Hearing is to consider a request made by Anthony Mason, for a Conditional Use Permit (CUP) to construct an Indoor/Outdoor Shooting Range, in accordance to MNDNR and NRA Specifications, in a zone classified as Industrial. The property is legally described as follows:

Section 9 & 10, Township 58, Range 18
Address: Mineral Avenue, Mountain Iron, MN 55768
Parcel Code: 175-0070-01091/01262/01238/01270

Public Opinions/Forum:

Ed Roskoski asked what the hours of operation were going to be. They have not been set up yet but will be 7 days a week probably from 8 a.m. to 9 p.m. M-S with Sunday hours noon or 1 p.m. to 9 p.m. Roskoski questioned the noise process and proceeded to point out on the zoning map where an Outdoor Shooting is located near the Laurentian Divide, north of Virginia and that residents on Reid Rd. and a relative of his on northside of Virginia can hear the shooting. He also stated that he can hear the shooting from the Retriever Club in Ann's Acres.

Clayton Kujala inquired what caliber of guns will be used. Mr. Mason said 338 revolver to 50 caliber. There will be three trap stations and no skeet shooting at this time. It will be a member club with individual and family rates and no you don't have to be an NRA member to shoot at this facility. There will be 20 foot sound barriers to deter the noise.

Ann Marie McLaughlin, who lives in downtown Mountain Iron stated that noise is the biggest issue. Wanted to know if it would be excessive when a competition is held. Mr. Mason stated that it would be no louder than cars going by. The property will be completely fenced. There will be 12-17 employees with benefits. There is no reason for the facility to affect property values.

Peggy Anderson wanted to know why Mr. Mason wanted to build it in a residential area when there is so much land in rural areas. Mr. Mason stated being close the population was one of the reasons. Mrs. Anderson stated that travel is not a problem as it was before and that people will get there if interest is there. Mr. Mason stated that there are no close trap shooting facilities and schools are looking for places to practice.

Clayton Kujala asked if hot loads could be used and Mr. Mason said no. He also asked about gun suppressors. SGT Backman was in attendance and stated that suppressors are legal in Minnesota but are expensive.

Jerry Kujala read a letter that was emailed to him from the DNR (letter is attached as part of these minutes).

Moved by Fivecoate and support by Johnston to adjourn the Public Hearing and open the Regular Planning and Zoning Meeting. Motion carried. Techar absent.

Moved by Soyring and supported by Fivecoate to recommend the City Council approve the Conditional Use Permit for the Indoor/Outdoor Shooting Range.

Discussion: Mr. Skogman stated one of the reasons this is a good location is that the utilities are available. Law Enforcement Training will be once or twice a year and some night shooting may happen then. Otherwise night shooting will be indoors. There will be training classes, a gunsmith and retail. Archery is also possibility in the future.

Amy and Tony Mason stated that they want to be good neighbors.

Motion Carried. Techar Absent.

The next meeting of the Planning and Zoning Commission will be September 10 and Ordinance Review will continue.

Motion to adjourn at 7:20 by Soyring and supported by Erickson. Motion carried. Techar absent.

Respectfully Submitted by:
Margaret Soyring, Secretary



CITY OF MOUNTAIN IRON

"TACONITE CAPITAL OF THE WORLD"

PHONE: 218-748-7570 • FAX: 218-748-7573 • www.mtniron.com
8586 ENTERPRISE DRIVE SOUTH • MOUNTAIN IRON, MN • 55768-8260

NOTICE OF PUBLIC HEARING

The Planning and Zoning Commission of the City of Mountain Iron will hold a public hearing on Monday, August 27, 2018 at 6:05 p.m. in the Mountain Iron Room of the Mountain Iron Community Center.

The purpose of the public hearing is to consider a request made by Anthony Mason, for a Conditional Use Permit (CUP) to construct an Indoor/Outdoor Shooting Range, in accordance to MNDWR and NRA Specifications, in a zone classified as Industrial. The property is legally described as follows:

Section 9 & 10, Township 58, Range 18

Address: 5700 Mineral Avenue, Mountain Iron, MN 55768

Parcel Code: 175-0070-01091/01262/01238/01270

The public can present its opinions at the public hearing or by letter addressed to the Zoning Administrator, City of Mountain Iron, City Hall, 8586 Enterprise Drive South, Mountain Iron, MN 55768-8260.

By Order of the Planning and Zoning Commission
Jerry D. Kujala
Zoning Administrator
www.mtniron.com



COUNCIL LETTER 090418-III

PUBLIC HEALTH AND SAFETY

AED

DATE: August 30, 2018

FROM: Public Health and Safety Board

Gerry Knapper
Fire Chief

Craig J. Wainio
City Administrator

The Public Health and Safety Board is recommending the purchase of 8 AED's for the First Responders. Current AED's for the First Responders are significantly out of date. The AED's would be Zoll models purchased through Lifeline using State Bid pricing of \$1,250 a unit for a total of \$10,000 to be funded out of the First Responders Budget.

COUNCIL LETTER 090418-II2
PUBLIC HEALTH AND SAFETY
FIRETRUCK

DATE: August 30, 2018
FROM: Public Health and Safety Board
Gerry Knapper
Fire Chief
Craig J. Wainio
City Administrator

The Public Health and Safety Board is recommending the City Council talk about a Firetruck. Councilor Skogman will have more information.

COUNCIL LETTER 090418-VIA

ADMINISTRATION

2018 BUDGET

DATE: August 30, 2018
FROM: Craig J. Wainio
City Administrator

Enclosed in you packet you will find a preliminary draft of the 2019 Budget. At this meeting the City Council needs to set the proposed levy for 2019. The budget and adjoining Resolution show a three percent increase in the levy from 2018. Staff is proposing this minor increase in order to offset anticipate increases in health insurance premiums.

Resolution Number 23-18 adopts the preliminary levy amount that must be certified to the County by September 15th. This Resolution is presented with a two percent increase in the levy from last year. It is recommended that the City Council adopt Resolution Number 23-18.

Resolution Number 24-18 adopts the market rate levy for payment of the voter approved community center bonds. The amount reflected is to cover bond payments for 2019 and is the same amount as was levied in 2018. It is recommended that the City Council adopt Resolution Number 24-18 as presented.

Resolution Number 25-18 sets the EDA levy for 2019. This Resolution reflects a levy of the same amount as last year which generates approximately \$12,000 for the EDA. It is recommended that the City Council adopt Resolution Number 25-18 as presented.



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RESOLUTION NUMBER 23-18

APPROVING PROPOSED 2018 TAX LEVY, COLLECTABLE 2019

BE IT RESOLVED, by the City Council of the City of Mountain Iron, County of Saint Louis, Minnesota, that the following sums of money be levied for the current year, collectable in 2018, upon the taxable property in the City of Mountain Iron for the following purposes:

TOTAL PROPOSED LEVY	\$1,243,187
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The City Administrator is hereby instructed to transmit a certified copy of this Resolution to the County Auditor of Saint Louis County, Minnesota.

DULY ADOPTED BY THE CITY COUNCIL THIS 4th DAY OF SEPTEMBER, 2018.

ATTEST:

Mayor Gary Skalko

City Administrator



CITY OF MOUNTAIN IRON

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RESOLUTION NUMBER 24-18

APPROVING PROPOSED 2019 MARKET RATE BASED REFERENDUM LEVY FOR THE GENERAL OBLIGATION COMMUNITY CENTER BONDS AND INTEREST

WHEREAS, in February 1998 the voters in the City of Mountain Iron approved a market rate based referendum levy for bonds and interest to construct the Mountain Iron Community Center.

NOW, THEREFOR BE IT RESOLVED, by the City Council of the City of Mountain Iron, County of Saint Louis, Minnesota, that the following market rate based levy shall be made in 2018 payable in 2019 for all property in the City of Mountain Iron:

General Obligation Community Center Bond levy shall be \$83,811.00

The City Administrator is hereby instructed to transmit a certified copy of this resolution to the County Auditor of Saint Louis County, Minnesota.

DULY ADOPTED BY THE CITY COUNCIL THIS 4th DAY OF SEPTEMBER, 2018.

ATTEST:

Mayor Gary Skalko

City Administrator



CITY OF MOUNTAIN IRON

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RESOLUTION NUMBER 25-18

CONCERNING THE 2019 ECONOMIC DEVELOPMENT AUTHORITY TAX LEVY

WHEREAS, the Mountain Iron Economic Development Authority was created on the 19th day of April, 2004, pursuant to Minnesota Statutes 469.090-469.108 and;

WHEREAS, Minnesota Statutes, Section 469.107, Subdivision 1, specifically authorized the Mountain Iron Economic Development Authority to levy against the taxable property of the City of Mountain Iron, St. Louis County, Minnesota.

NOW, THEREFORE BE IT RESOLVED by the City Council of Mountain Iron, Minnesota, that for the purpose of further development and to provide for any activities that are within the jurisdiction of the Mountain Iron Economic Development Authority as defined according to Minnesota Statutes. The Mountain Iron City Council submits to the County Auditor of St. Louis County, Minnesota, a final tax levy with a levy set to the maximum allowable for the Mountain Iron Economic Development Authority.

DULY ADOPTED BY THE CITY COUNCIL THIS 4th DAY OF SEPTEMBER, 2018.

ATTEST:

Mayor Gary Skalko

City Administrator

BUDGET SUMMARY

CITY OF MOUNTAIN IRON

EXPENDITURES	2018 Budget	2019 Budget	Difference	Percent
Administration	\$ 633,500.00	\$ 639,000.00	\$ 5,500.00	0.9%
Public Safety	\$ 662,500.00	\$ 660,500.00	\$ (2,000.00)	-0.3%
Public Works	\$ 1,003,000.00	\$ 1,014,000.00	\$ 11,000.00	1.1%
Culture and Rec	\$ 483,000.00	\$ 483,000.00	\$ -	0.0%
General Government	\$ 1,075,417.00	\$ 1,125,124.00	\$ 49,707.00	4.6%
TOTAL	\$ 3,857,417.00	\$ 3,921,624.00	\$ 64,207.00	1.7%

REVENUE	2018 Budget	2019 Budget	Difference	Percent
Taxes	\$ 125,811.00	\$ 125,811.00	\$ -	0.0%
Intergovernmental Aid	\$ 2,315,628.00	\$ 2,339,626.00	\$ 23,998.00	1.0%
General Revenue	\$ 209,000.00	\$ 213,000.00	\$ 4,000.00	1.9%
TOTAL	\$ 2,650,439.00	\$ 2,678,437.00	\$ 27,998.00	1.1%

GENERAL LEVY	\$ 1,206,978.00	\$ 1,243,187.00	\$ 36,209.00	3.0%
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BUDGET SUMMARY

CITY OF MOUNTAIN IRON

REVENUE

GENERAL REVENUE		2018	2019	Difference	Percent		
Lic. & Permits	\$	25,000.00	\$	25,000.00	\$	-	0.0%
Charges for Service	\$	65,000.00	\$	67,000.00	\$	2,000.00	3.1%
Fines	\$	12,000.00	\$	12,000.00	\$	-	0.0%
Interest	\$	10,000.00	\$	12,000.00	\$	2,000.00	20.0%
Refunds	\$	95,000.00	\$	95,000.00	\$	-	0.0%
General	\$	2,000.00	\$	2,000.00	\$	-	0.0%
Subtotal	\$	209,000.00	\$	213,000.00	\$	4,000.00	1.9%

INTERGOVERNMENTAL REVENUE

Local Government Aid	\$	1,330,075.00	\$	1,331,909.00	\$	1,834.00	0.1%
Taconite Production Tax	\$	537,730.00	\$	550,000.00	\$	12,270.00	2.3%
Taconite Municipal Aid	\$	320,106.00	\$	330,000.00	\$	9,894.00	3.1%
Mining Effects Tax	\$	107,717.00	\$	107,717.00	\$	-	0.0%
Other	\$	20,000.00	\$	20,000.00	\$	-	0.0%
Subtotal	\$	2,315,628.00	\$	2,339,626.00	\$	23,998.00	1.0%

TAXES

Tax Levy	\$	1,206,978.00	\$	1,243,187.00	\$	36,209.00	3.0%
Market Rate Levy	\$	83,811.00	\$	83,811.00	\$	-	0.0%
Misc. Taxes	\$	20,000.00	\$	20,000.00	\$	-	0.0%
Franchise	\$	22,000.00	\$	22,000.00	\$	-	0.0%
Subtotal	\$	1,332,789.00	\$	1,368,998.00	\$	36,209.00	2.7%
Total	\$	3,857,417.00	\$	3,921,624.00	\$	64,207.00	1.7%

BUDGET SUMMARY

CITY OF MOUNTAIN IRON

EXPENDITURES

DEPARTMENT	2018 Budget	2019 Budget	Difference	Percent
City Council	\$ 25,000.00	\$ 25,000.00	\$ -	0.0%
Administration	\$ 570,000.00	\$ 580,000.00	\$ 10,000.00	1.8%
Election	\$ 4,500.00	\$ -	\$ (4,500.00)	100.0%
Assessing	\$ -	\$ -	\$ -	0.0%
Planning & Zoning	\$ 34,000.00	\$ 34,000.00	\$ -	0.0%
Sheriffs	\$ 525,000.00	\$ 525,000.00	\$ -	0.0%
Fire Protection	\$ 103,000.00	\$ 106,000.00	\$ 3,000.00	2.9%
Emergency Management	\$ 11,000.00	\$ 6,000.00	\$ (5,000.00)	-45.5%
Animal Control	\$ 23,500.00	\$ 23,500.00	\$ -	0.0%
Streets	\$ 785,000.00	\$ 795,000.00	\$ 10,000.00	1.3%
Buildings	\$ 218,000.00	\$ 219,000.00	\$ 1,000.00	0.5%
Campground	\$ 62,000.00	\$ 62,000.00	\$ -	0.0%
Recreation	\$ 240,000.00	\$ 240,000.00	\$ -	0.0%
Government	\$ 470,100.00	\$ 490,100.00	\$ 20,000.00	4.3%
Library	\$ 181,000.00	\$ 181,000.00	\$ -	0.0%
Transfers	\$ 605,317.00	\$ 635,024.00	\$ 29,707.00	4.9%
Total	\$ 3,857,417.00	\$ 3,921,624.00	\$ 64,207.00	1.7%

COUNCIL LETTER 090418-VID

ADMINISTRATION

PLANS AND SPECS

DATE: August 30, 2018
FROM: Craig J. Wainio
City Administrator

Staff is requesting authorization for the development of Plans and Specifications for the replacement of the water filters at the water treatment plant. There has been deterioration of the filters ever since they were installed in the 1980's and have reached the end of their expected lifespan and are due for replacement. We have been seeking funding through the Public Facilities Authority and the next step in the process is the development of Plans and Specifications.



8878 Main Street - PO Box 261
Mountain Iron, MN 55768-0261
tel: 218-735-8914 fax: 218-735-8923
email: info@bm-eng.com

CIVIL AND ENVIRONMENTAL ENGINEERING • PLANNING
MINING • LAND SURVEYING • LAND DATA BASE MAPPING

August 29, 2018

Mr. Craig Wainio, City Administrator
City of Mountain Iron
8586 South Enterprise Drive
Mountain Iron, MN 55768

Re: Water Treatment Plant Improvements
City of Mountain Iron
Project No. MI18-CE

Dear Mr. Wainio,

Benchmark Engineering assisted the city on placing the Water Treatment Plant project on the Project Priority List and Intended Use Plan for 2019 in the spring of 2018 with the Minnesota Public Facility Authority. The lists will be published by the PFA in the near future. Could you place this item on your agenda for the next city council meeting as the next step after the list is published is to submit the plans and specifications for this project if it is intended to be completed in 2019.

More details about this project are enclosed.

Sincerely,
Benchmark Engineering, Inc.

Alan Johnson, PE
President

Enclosures

City of Mountain Iron
8586 Enterprise Drive South,
Mountain Iron, MN 55768
cwainio@ci.mountain-iron.mn.us

May, 2018

Minnesota Department of Health
DWRF Program
P.O. Box 64975
St. Paul, Minnesota 55164-0975

Dear Revolving Fund Coordinator,

Enclosed is the Mountain Iron proposal to place a Water Treatment Plant project on the fiscal year 2019 Drinking Water Revolving Fund Project Priority List.

Thank you for your consideration.

Sincerely,

Craig Wainio, City Administrator

Enclosures

cc: Alan Johnson, Benchmark Engineering
Tim Satrang, Public Works Director

Drinking Water Revolving Fund Application

Project Priority List

Project Owner

City of Mountain Iron

Project Name

Mountain Iron WTP Improvements

Contacts

City Representative

Craig Wainio, City Administrator

City of Mountain Iron

8586 South Enterprise

Mountain Iron, MN 55768

218-748-7570

cwainio@ci.mountain-iron.mn.us

Proposal Writer

Alan Johnson

Benchmark Engineering

8878 Main Street

Mountain Iron, MN 55768

218-735-8914

alan@bm-eng.com

Community Statistics & Population

The City of Mountain Iron is located in northeastern Minnesota and is approximately 70 miles north of Duluth at the gateway to Minnesota's Iron Range. The City of Mountain Iron continues to provide affordable housing, community services, great education opportunities and is in close proximity to high paying iron mining jobs.

Current Population: 2869

Current Households: 1,242

Projected 2020 Population: 2926

2015 Median Household Income: \$52,083

System description

General

- (2) deep groundwater wells and structure that houses the electrical switch gear and controls for the well pumps.
- Transmission main from the wells to the City's Water Treatment Plant (WTP)
- WTP that aerates the well water to oxidize iron, filters it out and adds chlorine and fluoride before it is pumped into storage.
- Ground and elevated treated water storage and distribution network

DRINKING WATER REVOLVING FUND

- The current average water use is approximately 300,000 gallons per day (gpd) and the maximum is about 500,000 gpd.
- All service connections are metered.

Supply

- Wells 1 was 375 feet and it was tested to a capacity was 900 gallons per minute (gpm).
- Well No. 2 was drilled to a depth of 425 feet and test pumped to 460 gpm.
- Both tested capacities were measured at extreme pumping water levels and considerably deeper than the permanent pumps that were installed.
- Presently the combined water output of Wells 1 and 2 is less than 450 gpm and only about 200 gpm with one pump operating.

Well Information

Well	Constructed	Depth	Capacity
#1	1981	375 Feet	900 GPM
#2	1981	425 Feet	460 GPM

Treatment

- The WTP was built in 1982.
- It consists of aeration followed by filtration in a steel, four-cell gravity filter vessel.
- Each bed has a capacity of 200 gpm.
- Water from both well #1 and Well #2 are treated in the plant.
- Chemical treatment consists of potassium permanganate, chlorine, and fluoride.

Storage

- Water is stored in a 1,000,000 gallon ground storage reservoir and 450,000 gallon elevated tank
- It was built in 1982. It is in good condition, with an inspection and possible recoating due in the next five years.

Distribution

The community is serviced by cast iron, ductile iron, plastic, and HDPE watermain. Most lines are four, six, eight, and ten inches in diameter. The cast iron lines are primarily in the west area of town and were installed in the early 1930's. The ductile iron watermain, installed in the 1970's, is located on the north and south sides of town.

Need for Improvements

Treatment

- Filter vessel:

DRINKING WATER REVOLVING FUND

- Constructed nearly 40 years ago, with no significant rehabilitation since they were installed.
- Exterior steel plate perimeter wall structural damage and leaking.
- Structural supports and dividing steel plate walls between filter cells also show signs of failure.
- Other components beyond useful life:
 - Paint coating on interior surfaces of various walls in the filter room
 - Process piping
 - Filter function valves
 - Water detection and monitoring equipment
 - Flow meters
 - Associated controls and equipment

Water Information

Contaminant	Raw Water (MG/L) Well [#]	Finished Water (MG/L)	Secondary Drinking Water Standard (MG/L)
Iron	1.2	0.01	0.3
Manganese	0.22	0.10	0.05

Alternatives

The following alternatives were evaluated for the watermain distribution system:

1. Refurbish the failed steel plates by welding in new coupons of plate steel, sandblast remaining steel surfaces and apply new coatings.
2. Replace the filter vessel and associated improvements.

Alternative Selected

Based on years of service for replacement compared to rehabilitation, replacement of the filter vessel is the alternative selected. The selected alternative includes the following items:

- Replacement of the failing filter vessel including valves, piping and accessories associated with the vessel.
- New controls, programming, new flow meter and electrical wiring and devices.
- Reconstruction of vessel wall and recoating filters and walls.

Cost Break Down

Construction Cost Estimate for Mountain Iron WTP
Option 2 – Replacement of filter vessel and Associated
Improvements

DRINKING WATER REVOLVING FUND

Vessel Replacement including valves and accessories		\$500,000
Piping replacement costs		\$25,000
New controls programming		\$25,000
New flow meter for finished water		\$5,000
Electrical conduit wire and devices		\$100,000
Reconstruct Wall for vessel removal coatings on Filter Room walls		\$15,000
Apply paint coatings on Filters and walls after vessel removal		\$100,000
		<hr/>
		\$770,000
Contingency	10%	\$77,000
Estimated Engineering, legal and administration	18%	\$152,460
		<hr/>
Total estimated Preliminary Project Cost for Option B		\$999,460

Project Schedule

Engineering Plans and Specifications: Fall 2018

Bid Project: March 2019

Award Contract: April 2019

Begin Construction: May 2019

End Construction: September 2019

Water Supply Plan

Will be submitted later in 2018

Tri- Cities Biosolids Disposal Authority

**413 Pierce Street
Eveleth, MN 55734
218.742.4626**

City of Eveleth

City of Gilbert

City of Mt. Iron

August 15, 2018

Honorable Mayor and City Council
City of Mt. Iron
City Hall
Mt. Iron, MN 55768

Mayor and Council,

At a regular meeting of the Tri-Cities Biosolids Disposal Authority (TCBDA) held August 15, 2018 the 2019 TCBDA budget was adopted with a total of \$83,700.00. Enclosed is a copy of the 2019 TCBDA budget.

The 2019 TCBDA budget will be funded per the Ordinance that established the TCBDA. Each City pays according to the percentage of loads they hauled compared to the total loads from all three cities during a period of July 1, 2017 to June 30, 2018.

Mt. Iron's share of the 2019 budget is \$21,510.90.

The first quarter of Mt. Iron's share of the 2019 budget will be billed in late December 2018.

It is hoped that this information is sufficient for determining your City's budget.

If you have any questions concerning this budget, please contact Tim Satrang or myself.

Sincerely,

John H. Seurer, Sec/Tres for the BDSA

Copy: Tim Satrang

2019 TCBDA Budget

* Employees Wages&Benefits	\$ 57,000.00
Insurance & Bond	3,500.00
Office& Administration	200.00
Fuel	5,500.00
Repair & Maintenance	2,000.00
Garage Expense	3,500.00
Professional Services	3,500.00
Truck Replacement	12,000.00
Communication Rental	<u>500.00</u>
Subtotal	87,700.00
less BDSA reimbursements	<u>4,800.00</u>
Total	\$ 83,700.00

* Employee's includes AplTech/ Site Mgr, Sec/Treas, Relief Driver, and City of Mt. Iron Bookkeeper.

The 2019 TCBDA budget will be funded per Ordinance that established the TCBDA. Each City pays according to the percentage of loads that they hauled, compared to the totals from all three Cities during a period of July 1, 2017 to June 30, 2018

<u>City</u>	<u>% of loads</u>	<u>Share of Budget</u>
Eveleth	48.6	\$ 40,678.20
Gilbert	25.7	21,510.90
Mt. Iron	<u>25.7</u>	<u>21,510.90</u>
Totals	100.0	\$ 83,700.00

Biosolids Disposal Site Authority

413 Pierce Street
Eveleth, MN 55734
218.742.4626

City of Eveleth

City of Gilbert

City of Virginia

City of Mt. Iron

August 15, 2018

Honorable Mayor and City Council
City of Mt. Iron
City Hall
Mt. Iron, MN 55768

Mayor and Council,

At a regular meeting of the Biosolids Disposal Authority (BDSA) held August 15, 2018 the BDSA budget was adopted with a total of \$35,900.00. Enclosed is a copy of the 2019 BDSA budget.

By Ordinance, this budget is to be funded by an annual per capita fee from each member city. At this time, the annual per capita fee for financing the 2018 budget was set at \$ 2.0412.

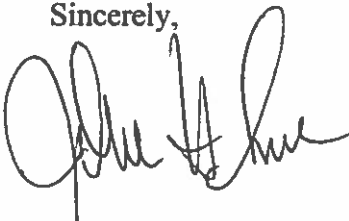
The 2010 census for the City of Mt. Iron is 2869 persons. Mt. Iron's share of the BDSA 2019 budget is \$ 5856.10.

Mt. Iron's share of the 2019 budget will be billed in late December 2018.

It is hoped that this information is sufficient for determining your City's budget.

If you have any questions concerning this budget, please contact Tim Satrang or myself.

Sincerely,

A handwritten signature in black ink, appearing to read 'John H. Seurer', written over a horizontal line.

John H. Seurer, Sec/Tres for the BDSA

Copy: Tim Satrang

2019 BDSA Budget

Site Superintendent	500.00
Sites and Road Maintenance	13,000.00
Snow Plowing	5,000.00
Professional Services	3,200.00
Sec/Treas and Office	3,000.00
Insurance & Bond	1,200.00
Site Permanent Improvements	<u>9,000.00</u>

Total \$ 34,900.00

The 2018 BDSA Budget will be funded by an annual \$ 2.0412 per capita charge, per the Ordinance that established the BDSA. Each City's share is as follows:

<u>City</u>	<u>Population</u>	<u>Share of Budget</u>
Eveleth	3,718	7,589.08
Gilbert	1,799	3,672.02
Mt. Iron	2,869	5,856.10
Virginia	8,712	<u>17,782.80</u>
Totals	17,098	\$ 35,400.00

It was agreed that the City of Virginia should not have to pay for snow plowing as they do not haul in the winter. Virginia's share of the 2019 budget will be adjusted (reduced by 51.0%) of the actual 2018 snow plowing costs \$ 3425.00.

Adjustment to Virginia's share is $\$3425 \times 0.51 = \1747.00 .

2019 BDSA Adjusted Share of Budget

<u>City</u>	<u>Population</u>	<u>Share of Budget</u>
Eveleth	3,718	7,589.08
Gilbert	1,799	3,672.02
Mt. Iron	2,869	5,856.10
Virginia	8,712	<u>16,035.80</u>
Totals	17,098	\$ 33,153.00