

**MICHIGAN'S PUBLIC SAFETY COMMUNICATION SYSTEM
CO-LOCATION LICENSE AGREEMENT WITH
HOUGHTON COUNTY**

This Co-location License Agreement (Agreement) is entered into between the State of Michigan by its Department of Technology, Management and Budget, Office of the Michigan's Public Safety Communications System (DTMB-MPSCS), and Houghton County (Member), for the installation of Member's communications equipment on the Michigan's Public Safety Communication System (MPSCS), Tower Site 9006-Centennial Heights. The State or DTMB-MPSCS and Member together referred to as the "Parties."

WHEREAS, the State is the owner of the MPSCS, a public safety communications network, comprised of real and personal property, including communications towers, buildings, equipment and other related facilities and fixtures necessary for the operation and safety of the MPSCS;

WHEREAS, DTMB-MPSCS licenses State property in accordance with 1984 PA 431 and manages and operates the MPSCS, including providing communications co-location support to MPSCS members;

WHEREAS, the Parties have contemporaneously entered into a MPSCS Integration Agreement to provide public safety interoperability between the MPSCS and the Member's proprietary communications system;

WHEREAS, Member-owned Communications Equipment must be co-located at MPSCS Tower Site 9006-Centennial Heights, located at 58615 Bumbletown Road, Calumet, MI 49913 (Premises) to meet the technical requirements for the systems to communicate on an integrated basis;

WHEREAS, the Parties desire to enter into this Agreement, in which the State grants Member a license to install, operate, and maintain the Member's Communications Equipment at the Premises, in support of the two systems' integration. Member's Equipment is identified in the Integration Agreement and collectively referred to as "Electronics Equipment"; and

WHEREAS, Member represents it is in good standing and in compliance with all the terms and conditions of its MPSCS Member Subscriber Agreement.

THEREFORE, in consideration of the Parties' mutual promises, covenants, and understandings the Parties agree:

1. Grant of License.

- A. The State grants Member a non-proprietary, non-exclusive, revocable license to install, operate, and maintain, its Electronics Equipment on the Premises, pursuant to this Agreement.
- B. The Member must work exclusively with DTMB-MPSCS, or its successors, in connection with the use of the Premises and the Member's performance under this Agreement.

2. The Licensed Premises Include.

- A. The location at Tower Site 9006-Centennial Heights (Licensed Premises), is identified in attached Exhibit A, for the purpose of installing the Electronics Equipment on the Licensed Premises.
- B. Access to the Tower Site 9006-Centennial Heights to install, maintain, repair, or replace the Electronics Equipment.

3. Term.

- A. The initial term of this Agreement is ten (10) years from its Effective Date, unless terminated earlier.
- B. Provided Member is not in default under any MPSCS Agreement; this Agreement has not expired or been terminated; and the Member notifies DTMB-MPSCS at least sixty (60) days before the expiration of the initial term, DTMB-MPSCS will have the option to renew this Agreement or negotiate new terms with Member for continued use of the Licensed Premises.

4. Termination.

Either Party may terminate this Agreement for any reason by giving the other Party thirty (30) months written notice of its intent to terminate this Agreement in conjunction with the termination of the Integration Agreement.

5. Installation of Member Electronics Equipment.

- A. The Electronics Equipment that may be installed on the Licensed Premises is identified in Exhibit B.
- B. The Member must post its current FCC License and maintain a current list of authorized contactors, in the locations designated by DTMB-MPSCS at Tower Site 9006-Centennial Heights.
- C. The Electronics Equipment must be installed in conformance with the MPSCS Standards of Work System Installation requirements. Waiver of antenna installation and performance requirements must have DTMB-MPSCS's advance written approval.
- D. The Member retains DTMB-MPSCS to maintain and repair the Electronics Equipment installed at the Licensed Premises.

6. Electricity, Uninterrupted Power Source, Generator Power.

DTMB-MPSCS will provide electricity, with a back-up generator for the Electronics Equipment at no cost to Member. DTMB-MPSCS is not liable to Member for any loss or interruption of electricity. Member may install an Uninterrupted Power Source at its own expense.

7. Access to Licensed Premises.

DTMB-MPSCS will permit unescorted Member access to the Licensed Premises for installation, repair, maintenance, or removal of the Electronics Equipment provided Member and its authorized contractors fully comply with the current MPSCS Co-location Tower Site Access Policy.

8. Federal and State Licensing Requirements.

Member must obtain and maintain in its own name and must provide DTMB-MPSCS, upon request, copies of all appropriate approvals, permits, or licenses for operation of the Communications Equipment, including but not limited to, Member's FCC licenses. If the Member's FCC licenses, any other approval, or permit to operate the Communications Equipment is, suspended, revoked, or terminated Member must immediately notify DTMB-MPSCS and must promptly, within thirty (30) days of receipt of the notice of suspension, revocation, or termination remove the Electronics Equipment from the Licensed Premises.

9. Tower Loading and Radio Interference.

- A. Member must not permit the tower on the Premises to exceed designed equipment load limits. Additionally Member must not do anything that would cause intermodal interference with the MPSCS' equipment.
- B. Member agrees to install Electronics Equipment that will not cause measurable interference to the equipment on the Premises. The Electronics Equipment must not create a nuisance to the State, MPSCS, local residents, or other telecommunication users. Member must cooperate with DTMB-MPSCS, to the extent reasonably necessary, to determine the source of any interference. If the Electronics Equipment causes measurable interference, and after DTMB-MPSCS has notified the Member of the interference, Member will take all necessary steps to correct and eliminate the interference within forty-eight (48) hours of notice of interference, at Member's expense. If the interference is disrupting or substantially reducing the continuous nature and required quality of the MPSCS's communications, Member must immediately undertake all actions necessary to eliminate or remedy the interference. Member must cooperate with DTMB-MPSCS, and other licensees on the Premises, to the extent reasonably necessary to determine the source and correction of any interference. DTMB-MPSCS agrees to include this interference resolution requirement in all licenses granted for these tower site.

10. Damage Caused by Member.

Member must pay for any damages to the MPSCS or the Premises caused by the Electronics Equipment, or in the operation, installation, maintenance, use, or removal of the Electronics Equipment. DTMB-MPSCS will repair or replace any Equipment it damages in the operation, maintenance, use, and installation, or removal of MPSCS equipment.

11. Catastrophic Event.

If the Licensed Premises become inoperable due to a Catastrophic Event the Parties may terminate this Agreement as provided in the Integration Agreement.

12. Suitability, Insurance and Indemnification.

Member shall comply with the suitability, insurance and indemnification requirements set forth in the Integration Agreement between the Parties.

13. Non-Discrimination.

Under the Elliott-Larsen Civil Rights Act, 1976 PA 453, MCL 37.2101, et seq., the Persons with Disabilities Civil Rights Act, 1976 PA 220, MCL 37.1101, et seq., and Executive Directive 2019-09, The Parties agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex (as defined in Executive Directive 2019-09), height, weight, marital status, partisan considerations, any mental or physical disability, or genetic information that is unrelated to the person's ability to perform the duties of a particular job or position. The Parties further agree that every subcontract entered into for the performance of the Agreement will contain a provision requiring non-discrimination in employment, as herein specified, binding upon each subcontractor. Any breach of this Section shall constitute a material breach of the Agreement.

14. Unfair Labor Practices.

DTMB-MPSCS may void this Agreement, if the Member or any of its contractors, subcontractors, manufactures, or suppliers appear in the register compiled pursuant to 1980 PA 278, MCL 423.321, et seq. (Employers Engaging in Unfair Labor Practices Act).

15. Notices.

All written notices required under this Agreement shall be delivered by U.S. certified mail, return receipt requested. All notices will be sent to the Parties as follows:

To: Member

Houghton County Sheriff's Office
403 E. Houghton Ave.
Houghton, MI 49931
Attn: Sheriff or Undersheriff

To: DTMB-MPSCS

MPSCS
P.O. Box 30631
Lansing, MI 48909-8131
Attn: Director MPSCS

16. Governing Law.

This Agreement is governed by, and construed in accordance with, the laws of the State of Michigan.

17. Amendments.

This Agreement may not be amended except by a written agreement of the Parties.

18. No Waiver of Default.

The failure of a party to insist upon strict adherence to any term of this Agreement shall not be considered a waiver, or deprive the party of the right to later insist on the strict adherence to that term of the Agreement.

19. Entire Agreement and Order of Priority.

This Agreement represent the entire agreement between the Parties regarding Member's co-location at MPSCS Tower Site 9006-Centennial Heights and supersedes all proposals, prior agreements (oral or written), and all other communications between the Parties relating to matters covered in this Agreement. This Agreement shall be read to be consistent with the Integration Agreement and Memorandum of Agreement entered contemporaneously between the Parties. However, for matters relating to Member's co-location on Tower Site 9006- Centennial Heights the Co-location License Agreement will take precedence over the Integration Agreement.

20. Effective Date.

This Agreement's effective date is the date it is approved by the State Administrative Board.

21. Headings.

Section headings in this Agreement are provided for convenience and shall not be used to construe or interpret the scope of intent must not control the interpretation of this Agreement.

22. Severance.

If any provision of this Agreement, or its application to any person or circumstance, shall to any extent be invalid or unenforceable, the

remainder of the Agreement shall not be affected and shall remain valid and enforceable.

23. Assignment.

Member must not assign, transfer, pledge, mortgage or encumber the Licensed Premises.

24. No Sublicensing.

Member must not sublease, sublicense, or sublet the Licensed Premises.

25. Subordination.

The State reserves the right to subject and subordinate this license to any mortgage or other State interest in the Premises.

26. Subcontracting.

Member, and its subcontractors, must comply with all requirements in this Agreement and all other applicable rules, regulations, guidelines, and laws regarding subcontracting. The use of contractors or subcontractors by Member is subject to DTMB-MPSCS's prior approval.

27. Force Majeure.

The time of performing any duty or obligation of the State or the Member must be extended for the period during which performance was delayed or impeded by reason of riots, insurrections, war, fire, casualty, earthquake, acts of nature, governmental action or other reasons of a like nature not the fault or, in the case of governmental action, not reasonably within the control of the party required to perform such duty or obligation.

28. Counterparts.

This Agreement may be signed in counterparts, each of which has the force of an original, and all of which constitute one document.

29. Authority to Contract.

Each Party represents that it has the power to enter into this Agreement and that the person signing the Agreement has the authority to bind its respective Party.

This Agreement has been executed by the Parties on the dates shown below.

SIGNATURE PAGES FOLLOW

MEMBER:

Houghton County

By: _____

Its: _____

Date: _____

The Member's Resolution approving this Agreement and the person authorized to execute the Agreement is attached.

**STATE OF MICHIGAN:
Department of Technology, Management, and Budget,
Office of the Michigan's Public Safety Communications System**

By: Bradley A. Stoddard,
Its: Director MPSCS

Date: _____

**STATE OF MICHIGAN:
Department of Technology, Management and Budget**

**By:
Its:**

Date: _____

The State Administrative Board approved this Agreement on:

Date: _____

This Agreement approved as to legal form:

By: Lisa Barwick, Assistant Attorney General

Date: _____

EXHIBIT A

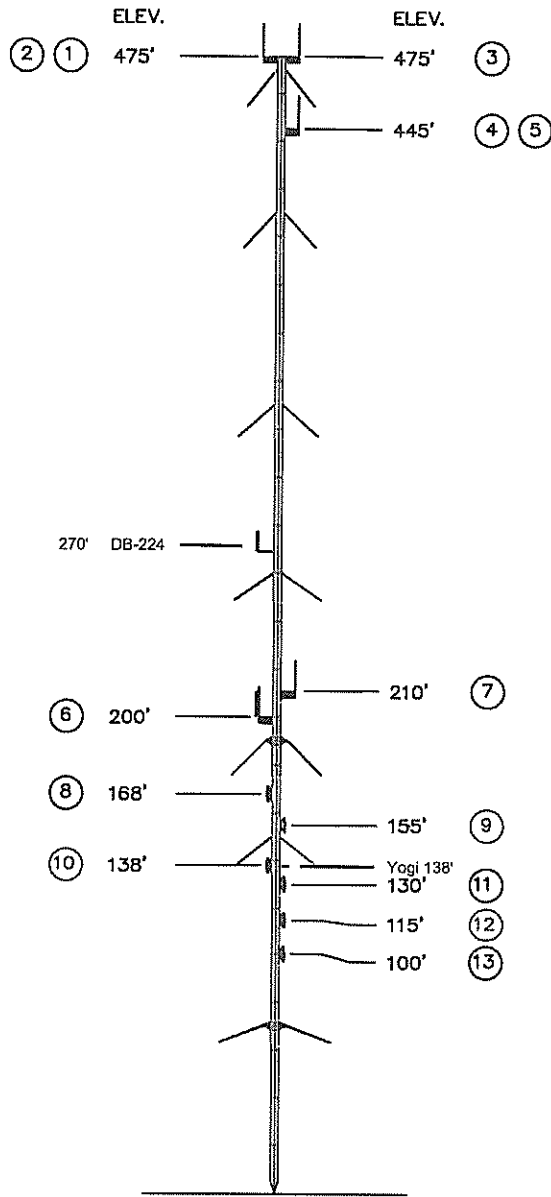
Licensed Premises

MPSCS Towers

Site #	Name	Type	Address
9006	Centennial Heights	Multicast RF Site	58615 Bumbletown Rd. Calumet, MI 49913


EXHIBIT B

**Member Equipment Co-located at MPSCS Site
(Co-location documents on following pages)**



NUMBERS IN CIRCLES REFER TO ENTRIES IN THE ANTENNA TABLE ON PAGE 14.

CAUTION: THIS DRAWING IS INTENDED AS A REFERENCE ONLY. THE ACTUAL ORIENTATION AND MOUNTING ARRANGEMENT MAY VARY. CONFIRM ACTUAL ORIENTATION WITH OWNER DURING CONSTRUCTION.

				MSP MOTOROLA CALUMET #9006, MI # 36 X 475' ANTENNAS - SIDE VIEW		
		APPROVED/ENG.	PRG	09/07/2001		
		APPROVED/FOUND.	N/A			
		COPYRIGHT 2001				
		DRAWN BY	TRP			
		ENG. FILE NO.	A-117900-		DRAWING NO.	152015-B
		REV	E-1001457		13 OF 16	
B REMOVED BERM AT SW ANCHOR A ADDED FOUNDATION PER SOIL REPORT		PRG	09/07/2001		 A Valmont Industries Company 1545 Pideo Dr., P.O. Box 128 Plymouth, IN 46363-0128 219-836-4221	
REV DESCRIPTION OF REVISIONS From: F1001457.DFT - 08/09/2001 08:48 Replaced from: 152015B.DWG 09/07/2001 14:23 # 10/09/2001 13:18		INI	DATE			

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: HOUGHTON, COUNTY OF

ATTN: JON GIACHINO, 911 COORDINATOR
HOUGHTON, COUNTY OF
403 E. HOUGHTON AVE.
HOUGHTON, MI 49931

Call Sign WQIE365	File Number 0010514056
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number PS20230300262	

FCC Registration Number (FRN): 0005013537

Grant Date 11-08-2017	Effective Date 05-26-2023	Expiration Date 01-16-2028	Print Date 05-27-2023
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: PARADISE RD
 City: HOUGHTON County: HOUGHTON State: MI
 Lat (NAD83): 47-05-05.4 N Long (NAD83): 088-34-36.4 W ASR No.: 1208523 Ground Elev: 303.0
- Loc. 2** Address: 2 MI N OF DONKEN
 City: DONKEN County: HOUGHTON State: MI
 Lat (NAD83): 46-57-57.0 N Long (NAD83): 088-45-59.8 W ASR No.: 1219030 Ground Elev: 427.9
- Loc. 3** Address: EILOLA
 City: BARAGA County: HOUGHTON State: MI
 Lat (NAD83): 46-51-13.2 N Long (NAD83): 088-39-21.6 W ASR No.: 1213912 Ground Elev: 282.9
- Loc. 4** Address: EAST SIDE OF COUNTY LINE RD N OF FOREST HWY 4500
 City: KENTON County: HOUGHTON State: MI
 Lat (NAD83): 46-27-15.8 N Long (NAD83): 088-59-05.9 W ASR No.: 1214499 Ground Elev: 407.8
- Loc. 5** Address: SKANEE ROAD
 City: SKANEE County: BARAGA State: MI
 Lat (NAD83): 46-52-06.2 N Long (NAD83): 088-09-09.6 W ASR No.: 1219036 Ground Elev: 256.9
- Loc. 6** Address: CENTENNIAL CITY WEST OF BUMBLETOWN RD AT MONROE S
 City: CENTENNIAL HEIGHTS County: HOUGHTON State: MI
 Lat (NAD83): 47-15-55.8 N Long (NAD83): 088-26-56.5 W ASR No.: 1225314 Ground Elev: 387.4

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: HOUGHTON, COUNTY OF

Call Sign: WQIE365

File Number: 0010514056

Print Date: 05-27-2023

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000155.41500000	FB2	1		11K2F3E	100.000	121.000	61.0	100.1	01-16-2009
2	1	000155.41500000	FB2	1		11K2F3E	100.000	121.000	51.8	161.0	01-16-2009
2	2	000155.97000000	FX1	1		11K2F3E	100.000	121.000	61.0	170.0	01-16-2009
3	1	000155.41500000	FB2	1		11K2F3E	100.000	121.000	51.8	77.8	01-16-2009
4	1	000155.41500000	FB2	1		11K2F3E	100.000	121.000	61.0	47.6	01-16-2009
5	1	000155.41500000	FB2	1		11K2F3E	100.000	121.000	51.8	41.4	01-16-2009
6	1	000155.41500000	FB2	1		11K2F3E	100.000	121.000	82.3	214.2	10-15-2009
6	2	000155.97000000	FX1	1		11K2F3E	100.000	121.000	42.1	174.0	10-15-2009

Control Points

Control Pt. No. 1

Address: 403 E HOUGHTON AVE

City: HOUGHTON County: HOUGHTON State: MI Telephone Number: (906)482-0055

Associated Call Signs

KS8930

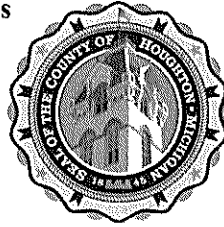
<NA>

Waivers/Conditions:

NONE

Houghton County Board of Commissioners

Houghton County Courthouse
401 East Houghton Avenue
Houghton, MI 49931
(906) 482-8307



Tom Tikkanen *Chairman*
District 1
Roy Britz *Vice Chairman*
District 5
Joel Keranen *Commissioner*
District 2
Glenn Anderson *Commissioner*
District 3
Gretchen Janssen *Commissioner*
District 4

RESOLUTION 24-08

**CO-LOCATION RESOLUTION HOUGHTON COUNTY AND MICHIGAN PUBLIC SAFETY
COMMUNICATION SYSTEM FOR SITE 9006 CENTENIAL HEIGHTS**

WHEREAS, the State is the owner of the MPSCS, a public safety communications network, comprised of real and personal property, including communications towers, buildings, equipment and other related facilities and fixtures necessary for the operation and safety of the MPSCS;

WHEREAS, DTMB-MPSCS licenses State property in accordance with 1984 PA 431 and manages and operates the MPSCS, including providing communications co location support to MPSCS members;

WHEREAS, the Parties have contemporaneously entered into a MPSCS Integration Agreement to provide public safety interoperability between the MPSCS and the Member's proprietary communications system;

WHEREAS, Member-owned Communications Equipment must be co-located at MPSCS Tower Site 9006-Centennial Heights, located at 58615 Bumbletown Road, Calumet, MI 49913 (Premises) to meet the technical requirements for the systems to communicate on an integrated basis;

THEREFORE, the Parties desire to enter into an Agreement, in which the State grants Member a license to install, operate, and maintain the Member's Communications Equipment at the Premises, in support of the two systems' integration. Member's Equipment is identified in the Integration Agreement and collectively referred to as "Electronics Equipment"; and

BE IT HEREBY RESOLVED, the Houghton County Board of Commissioners approve the Michigan Public Safety Communications Co-Location License Agreement with Houghton County and

BE IT FURTHER RESOLVED, Tom Tikkanen Chairman of the Houghton County Board of Commissioners or Roy Britz Vice-Chairman of the Houghton County Board of Commissioners is authorized to sign the agreement.

Moved by Commissioner:

Supported by Commissioner:

Roll Call Vote:

Yes:

No:

Motion Carried.

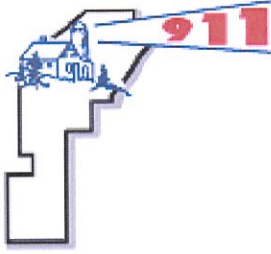
RESOLUTION DECLARED ADOPTED.

Date

Houghton County Board of Commissioners

I, Jennifer Kelly, County Clerk of Houghton County, do hereby certify and set my seal to the above Resolution as adopted April 9, 2024, at the Houghton County Courthouse, 401 East Houghton Avenue, Houghton, MI 49931

Jennifer Kelly, Houghton County Clerk



Houghton County 9-1-1 & Addressing

Jon Giachino
Houghton County 9-1-1
Undersheriff / 911
Coordinator
403 E. Houghton Ave.
Houghton, MI 49931
906-482-0055 phone
906-487-5949 fax

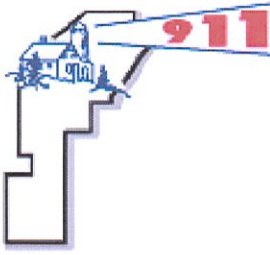
3/28/24

The 911 Advisory is looking for the Houghton County Board of Commissioners to approve the following purchases:

- (1) 1 portable 800Mhz radio for Jeffers School Resource Officer- \$7,500
- (2) 70 - dual band pagers for Fire Departments- \$49,983.65
- (3) 80 - APX 4000 Fire Department radio batteries- \$9,658.40
- (4) Agreement with REMC1 quote for onboarding Premier 1 for all Houghton County police and sheriff cars- One time fee of \$12,188.00. \$8007.24 annual cost for maintenance of Premier 1 and support for data connections issues.

Thank you

Jon Giachino
Undersheriff-911 Coordinator



Houghton County 911

Advisory Board Meeting

March 28, 2024

The Houghton County 9-1-1 Advisory Board held a scheduled meeting on Thursday, March 28, 2024, at 10:00 A.M., at the Mercy Ambulance HQ.

Call to order: The meeting was called to order by Sheriff Josh Saaranen at 10:00 A.M.

Attendance: Undersheriff / 9-1-1 Coordinator Jon Giachino, HOCO Sheriff Josh Saaranen, Chelsea Rheault, (OEM) Chris Van Arsdale, (Citizen at Large – South) Todd Fox, (Calumet TWP) Tim Gasperich, (MTU) Reid DeVoge, Dennis Rasio, (MSP) Jason Wickstrom.

Absent: (HOCO BOC) Roy Britz

Old Business: None

New Business:

1. Van Arsdale shared an update in regard to riding with MSP radio team across Houghton County for 800 MHz coverage testing. Overall, testing went well, Hubbell and Tamarack have some weak areas.
2. A discussion took place in regard to the 1st purchase order of 800 MHz pagers. After obtaining good results from testing in Laurium Village, Lake Linden Village, as well as Tamarack City, pagers were distributed.
3. Van Arsdale shared that efforts with OTAR/ radio management are continuing. Van Arsdale further explained that OTAR allows for radio processes to be more efficient and OTAR helps radios stay up-to-date. Van Arsdale stated that there is around 150 radios currently utilizing OTAR.
4. Undersheriff Giachino stated that the Laurium project has been finalized. The tower was removed and the removal process took two days longer than expected, but no further costs were assigned, per the contract. Additionally, the Torch Lake Credit Union was sold for around \$300,000.
5. Sheriff Saaranen shared that a School Resource Officer (SRO) was hired at Adams Township Schools in December, and the introduction of a SRO has had great feedback from the community and school members. A request has been made to purchase 1 portable radio for Adams Township Schools (Jeffers) SRO at a cost of \$7,500.00.

A Motion to purchase 1 portable radio for Jeffers SRO by Wickstrom. Seconded by Rasio. Approved / Motion Carries.

6. Undersheriff Giachino discussed the need to lessen the reliance on high band radios in the future. A request is in place to purchase 70 dual band pagers at a cost of \$48,983.65. The shipping / supply chain of these radios is various, typically taking around 1 month from order to delivery. A 10% manufacturer discount is currently available.

A Motion to bring the purchasing of 70 dual band pagers to the Houghton County Board of Commissioners for final purchasing approval by Gasperich. Seconded by Wickstrom. Approved / Motion Carries.

7. Undersheriff Giachino shared the current supply chain issues associated with ordering batteries—it is currently about 8-9 months out from ordering to delivery. A request is in place to purchase 80 APX 4000 batteries at a cost of \$9,658.40 for increasing stock.

A Motion to purchase 80 APX 4000 batteries by Gasperich. Seconded by Van Arsdale. Approved / Motion Carries.

8. A discussion took place in regard to REMC1's quote.

A Motion to move forward with REMC1's quote for Premier 1 onboarding, with a one-time cost of \$12,188.00 and an additional annual cost of \$8,007.24 for maintenance by Gasperich. Seconded by Van Arsdale. Approved / Motion Carries.

Open Discussion:

- No further discussion

Motion to Adjourn by Sheriff Saaranen. Seconded by Tim Gasperich.

Adjournment: 10:44 A.M.



Business Hours: 7:30-5:00 (Eastern) Monday thru Friday

Managed Services and Onboarding Proposal

P1 Implementation Project:

- Guide agency through the purchase and installation of an enterprise grade networking equipment sufficient to service the P1 project requirements.
 - Firewall appliance sufficient to the requirements for P1 connectivity
 - Wireless access points and configuration
 - Equipment recommended by REMC1 with input from client
 - Physical installation would be contracted by the client with local wiring contractors.
 - Network switch(s) installation and configuration
 - Work in tandem with the State of Michigan to setup a point-to-point VPN connection to the state for P1 access
 - Setup client VPN access for each vehicle workstation needing P1 access
- Installation of P1 across up to 35 managed workstations, including:
 - Possible need for windows licensing, Windows 11 Pro, to be discussed after an initial inventory of laptops is conducted
 - Reimaging (standardization),
 - Bitlocker setup (encryption),
 - P1 prerequisite installs followed by P1 setup and testing
- Project completion target July 1
 - Timeline depends on outside sources such as the State of Michigan supplying necessary network addressing which can take months.
 - Timeline depends on car and laptop availability and flexibility.
 - Timeline also assumes workstations are login accessible and compatible with Windows 11

Onboarding Scope:

- Documentation (service catalog, network diagram, compliance documentation, etc)
- Monitoring configuration for onsite network services, networking appliances and ipsec tunnels.
- Onboarding for up to 35 managed workstations (windows OS)
- Imaging and replacing any of the 35 managed workstations with customer purchased windows licensing and machines. "Machines to be recommended" by REMC1

Supportnet with input and final decision by member.

Managed Services Scope:

- 12 Onsite days per year (*to be utilized on an as needed basis*)
- 35 Windows Machines under management (monitoring, patching, remote maintenance)
- Use of the helpdesk within business hours (call, email, livechat, livetext)
- 24x7 monitoring of the local network and critical services, including connectivity *to the State of Michigan* provided services. We are unable to monitor state-provided services.

*Managed Services.....	\$	\$ 2,001.81	(due quarterly)
			(\$ 8,007.24 /year)
*P1 Implementation Project and Onboarding (one time cost)		\$12,188	

SupportNet Services Overview

Overview of Services <http://support.remc1.net/>

REMC1 offers many technical and network services. SupportNet focuses on enterprise level support, integration, and utilization of technology. SupportNet’s team approach ensures that industry standards and best practices are utilized, maintaining legal and regulatory compliance while increasing efficiency via centralized support, proactive automation, and remote access tools. We currently support over 8,000 computers.

Helpdesk

SupportNet has a helpdesk available 5 days a week, 7:30-5 EDT. This helpdesk is available via phone, email, web form, and online chat. The first level of support has a mix of full-time staff and part-time interns (Michigan Tech students in computing fields). The helpdesk provides unlimited real-time first-come support, and can resolve many issues immediately utilizing remote tools and system management features.

Central Office

SupportNet has several full-time staff that work directly with our first level helpdesk staff. They provide helpdesk escalation on complex issues, as well as support servers, networks, and Internet access services.

Onsite support

We have full-time staff that rotate among our districts and members, based on the SupportNet contractual agreements. These staff work on issues identified by agency staff as

well as coordinating issues and support with the helpdesk and central office staff. REMC1 will provide you with as much onsite support as you contract with SupportNet - it could be a half day every week, 2 days a week, 4 days a year, etc. Onsite support works directly with end users, and provides support that cannot be done remotely like installing new computers, troubleshooting network connectivity, etc.

Support tickets

SupportNet leverages a trouble ticketing system with email notifications to ensure that issues are taken care of in a timely manner, fully resolved, and documented. Agency administrators have access to see all detail of the tickets for their agency, regardless of what REMC1 staff member performed the work, and what agency staff member requested it.

System Management (Kace, Google Management and Moysle)

All supported computers are enrolled in one of several enterprise management and mobile device management systems (depending on the operating system). These systems help us provide more streamlined support as well as software and hardware inventory through automation. Each supported machine will also be tagged with an identifier for tracking. Recommendations, vision, planning, enterprise network design and integration SupportNet goes beyond simple 'break/fix' tech support, providing full technology planning and assistance, visioning and helping implement long term plans. REMC has significant experience designing and implementing advanced networks.

Ownership

SupportNet is a non-commercial, not for profit consortium, owned by the agency members. We have an annual meeting every spring to review progress, statistics, and budget, as well as plan for the following year. Each agency is a full member of SupportNet, with access to our complete team. Currently SupportNet members include K-8 and K-12 school districts, the Health Department, Townships, and a local University.

Fees and Billing

REMC1 operates on a July 1-June 30 fiscal year. SupportNet is billed quarterly in August, November, February, and May. SupportNet fees are based on a formula that is adjusted annually, with factors including number of staff, students, number and type of computers, and frequency of onsite support. Contractually, SupportNet is a 2-year rolling commitment. Members have an opportunity each spring to revise their committed minimum onsite time for the following year, or to submit formal notification that they want out of the consortium the following June 30.

Statistics

SupportNet strives for full transparency. Stats are available at the annual meeting, at any time by request, and through a variety of on demand dashboards.

Staff <http://support.remc1.net/?page=team>

REMC currently has 15 full time employees, as well as up to 20 part time staff. The

REMC1 team has extensive experience, with more than 100 combined years in technology, along with certifications, bachelors and masters degrees.

Team

SupportNet utilizes a team approach in all aspects of our work. We use a shared cloud documentation tool for living documentation on all agencies and systems. We have a highly secure password management system to ensure all system passwords are secure, but also are shared for multiple staff access. Instantaneous connections are possible with our enterprise communication collaboration tools.

Monitoring and notification

REMC1 monitors all key equipment for all member networks, including servers, gateways, wireless access, network switches and more. There are currently over 2,500 devices monitored every 3 minutes, 24x7. Staff are immediately notified of all issues for proactive

Integration with other optional services

REMC1 offers additional technology services that are not included under the SupportNet contract. These services are optional, but can be integrated and supported seamlessly by the SupportNet team. Some of these services include Internet access (25,000+ computers), VoIP and SIP phone services (over 1,200 phones), Domain Name registration and hosting (DNS), backup/disaster recovery/business continuity services (over 1,000,000 files), hosted servers and storage in our data center (over 150 server), video security (over 200 cameras), building access security, website creation and hosting, etc.

Disclaimers:

*This pricing is valid for the period March 13th, 2024 thru May 13th, 2024

** This is a proposal and does not constitute as a guarantee, a binding contract or a master-services agreement



Give Us A Call:

1 906-786-4701

Check Out Our Programs

Save the Date



U.P. Association of County Commissioners Spring Conference May 16 & 17, 2024

Island Resort & Casino
Harris, MI

UPCAP

1 906-786-4701
2501 14th Ave S
Escanaba



UPCAP | PO Box 606, Escanaba, MI 49829

**COUNTY OF HOUGHTON
Conference or Other Travel Request**

Reason for Travel: Michigan Assoc of County Admin Offices Annual
 Dates of Travel: May 21 - 24 Conference

Check any of the following as applicable for this travel request:

Required Training		Conference Attendance:	Association Meeting:
Needed for License		Annual	Annual
Needed for Certification		Bi-Annual	Bi-Annual
State or Other Mandate		Other	Other
Seminar			Training Not Required

This request is included in the Department Budget: Yes No

Estimated costs to be requested for payment from Houghton County
\$500

Portion of costs to be paid other than by Houghton County: _____

Submitted by: Ben Larson Title Administrator Date 4/8/24

 _____ Approved _____ Disapproved by the Houghton County Board of
 Commissioners at their meeting held on _____

Signed: _____ Title: _____
 Date: _____



Ben Larson <administrator@houghtoncounty.net>

Registration is open for 2024 MACAO Conference

1 message

Michigan Association of County Administrative Officers <melot-micounties.org@shared1.ccsend.com>
Reply-To: melot@micounties.org
To: administrator@houghtoncounty.net

Tue, Mar 26, 2024 at 3:30 PM



2024 MACAO Annual Conference

May 21-24, 2024

Crystal Mountain Resort, Thompsonville, Michigan

Registration is now open for the 2024 event, which will feature speakers on leadership, opioids funding, issuing debt for public entities, AI in county government and the always popular "Nuts & Bolts" roundtable.

[Agenda](#) (subject to change)

Questions

For conference questions, contact Derek Melot at melot@micounties.org.

[REGISTER HERE](#)

[DECLINE](#)

COUNTY OF HOUGHTON
Conference or Other Travel Request

Reason for Travel and Destination:

COCM Spring Conference

Date(s) of Travel: 04/28/2024-05/01/2024

Check any of the following as applicable for this travel request:

Required Training		Conference Attendance:		Association Meeting:	
Needed for License	x	Annual	x	Annual	
Needed for Certification		Bi-Annual		Bi-Annual	
State or Other Mandate		Other		Other	
Seminar				Training Not Required	

This request is included in the Department Budget: Yes No

Travel Budget \$ 600.00

Training/Conference Budget: \$ 600.00

Estimate all costs requested for payment from Houghton County:

\$600.00

Portion of costs to be paid other than by Houghton County:

Submitted by: Sara Huuki Title MGR Date 04/24/2024

Department: Building

Approved Disapproved by the Houghton County Board of Commissioners at their meeting held on _____.

Signed: _____ Title: _____ Date: _____

COUNTY OF HOUGHTON
Conference or Other Travel Request

Reason for Travel and Destination:

Clare MI

Date(s) of Travel: 04/24/2024-04/27/2024

Check any of the following as applicable for this travel request:

Required Training		Conference Attendance:	Association Meeting:
Needed for License	x	Annual	x
Needed for Certification		Bi-Annual	
State or Other Mandate		Other	
Seminar			Training Not Required

This request is included in the Department Budget: Yes No

Travel Budget \$ 500

Training/Conference Budget: \$500

Estimate all costs requested for payment from Houghton County:
\$500

Portion of costs to be paid other than by Houghton County:

Submitted by: Shawki Title: BUDG MGR Date: 3/28/24
 Department:

Approved Disapproved by the Houghton County Board of Commissioners at their meeting held on _____.

Signed: _____ Title: _____ Date: _____

Please complete & return registration form

DOHERTY HOTEL
604 N McEwan St
Clare, MI 48617

2024 SPRING CONFERENCE

Thursday and Friday, April 25 & 26

- \$300 registration fee includes classes, one night's stay, breakfast & lunch Thursday & Friday
- Additional night stay for \$100
- Two day education only fee is \$175 and includes breakfast & lunch
- One day education only fee is \$125 and includes lunch
- 2024 Dues (if not paid for this year to receive credit) \$100.00

Will you be eating breakfast and lunch each day? (this is for a head count)

Yes Breakfast No
 Yes Lunch No

Spouse

Thursday breakfast & lunch, Friday breakfast & lunch - \$60.00

PIAM will arrange hotel reservations

After April 12, 2024 - \$100 Late Registration Fee/Cancellation Payment

Full Name CHAD HAMMERSTROM Phone 906-281-2151
Address 14065 RED PINE RD, ATLANTIC MINE, MI 49905
Email CHAD@HIGHLIGHTCOUNTY.NET BCC# 01216

Make check payable to: **PIAM** & mail registration with payment to:

PIAM
P O Box 373
Iron Mountain, MI 49801

**COUNTY OF HOUGHTON
Conference or Other Travel Request**

Reason for Travel: Election tabletop exercise - w/ MI Dept. State
 Dates of Travel: April 15, 2024

Check any of the following as applicable for this travel request:

Required Training		Conference Attendance:		Association Meeting:	
Needed for License		Annual	X	Annual	
Needed for Certification		Bi-Annual		Bi-Annual	
State or Other Mandate		Other		Other	
Seminar				Training Not Required	

This request is included in the Department Budget: Yes No

Estimated costs to be requested for payment from Houghton County
\$134.00

Portion of costs to be paid other than by Houghton County: _____

Submitted by: Jennifer Kelly Title County Clerk Date 3/15/24

 _____ Approved _____ Disapproved by the Houghton County Board of
 Commissioners at their meeting held on _____

Signed: _____ Title: _____
 Date: _____



Western Upper Peninsula Health Department

4/1/2024

Invoice

9240015

540 Depot St., Hancock, MI 49930
Phone (906) 482-7382, Fax (906) 482-9410

Houghton County
Houghton County Courthouse
Attn: Jennifer Kelly
401 E. Houghton Avenue
Houghton, MI 49931

Fiscal Year 2024 - Third Quarter
April - June 2024

Charge Date	Description	Qty	Unit Price	Amount
4/1/2024	Quarterly Appropriations - Houghton County, April - June 2024	0.00	0.00	\$68,081.00

Payment Terms: Net 30 Days

Please return bottom portion with your payment.

Total: \$68,081.00

Customer ID HTN CTY

Invoice ID 9240015

Customer Name Houghton County

Invoice Date 4/1/2024

Charge Date	Description	Qty	Unit Price	Amount
4/1/2024	Quarterly Appropriations - Houghton County, April - June 2024	0.00	0.00	\$68,081.00

Payment Terms: Net 30 Days

Total: \$68,081.00

Fiscal Year 2024 - Third Quarter
April - June 2024



HOUGHTON COUNTY FAIR

1500 Birch Street, Hancock, MI 49930

Phone (906)482-6200

www.houghtoncountyfair.com

houghtoncountyfair@hotmail.com

Houghton County Board of Commissioners
Houghton County Courthouse
401 East Houghton Avenue
Houghton, MI 49931

March 20, 2024

Board of Commissioners:

The Houghton County Fair Board of Directors is very appreciative of your generous sponsorship of \$10,000 for the 2024 Houghton County Fair. The Board is requesting the 2023-24 county budget appropriation of funds at this time.

Our federal tax-exempt ID is 38-2466952 should you need it for your records.

Sincerely,

Carol Saari

Fair Manager

Houghton County Fair