

**IONIA COUNTY BOARD OF COMMISSIONERS
BOARD OF COMMISSIONERS MEETING
FEBRUARY 25, 2025 – 3:00 P.M.
101 WEST MAIN STREET
IONIA, MICHIGAN**

THIS MEETING WILL BE HELD IN PERSON AND ZOOM

AGENDA

- I. Call to Order**
- II. Pledge of Allegiance**
- III. Invocation**
- IV. Approval of Agenda**
 - A. Consideration of additional items
- V. Public Comment** (Three-minute time limit per-speaker – please state name/organization)
- VI. Action on Consent Calendar**
 - A. Approve minutes of the previous meeting (s)
 - B. Approve per diem and mileage
 - C. Approve payments of Common Cash and General Fund Payroll for the month of December 2024- \$ 2,055,826.44
 - D. Approve payments of Common Cash and General Fund Payroll for the month of January 2025- \$ 2,913,263.11
 - E. Approve payments of Health Department payroll and accounts payable for the month of December 2024-\$ 216,816.41
 - F. Approve payments of Health Department payroll and accounts payable for the month of January 2025-\$ 192,810.39
 - G. Approve payments of Road Department payroll and accounts payable for the month of December 2024-\$ 1,760,153.80
 - H. Approve payments of Road Department payroll and accounts payable for the month of January 2025-\$ 389,983.52
 - I. Approval of payments from Trust and Agency for the month of December 2024-\$585,693.24
 - J. Approval of payments from Trust and Agency for the month of January 2025-\$554,270.19
- VII. Unfinished Business**
 - A.

VIII. New Business

- A. Reappointment to Tax Allocation Board
 - John Piercefield, one year term
- B. Appointment to Tax Allocation Board
 - Terry Frewen, one year term
- C. Road Department SNBI and New Load Rating Requirements for Bridges – Rich Kathrens, Spicer Group
- D. Approval to start transition to Fidlar Technologies and sign contract- Tami Hewitt
- E. Restriction Covenant-Road Department Leaking Underground Storage Tank – Linda Pigue
- F. Approval to modify previously approved dump truck acquisition to swap loader – Linda Pigue
- G. Request to purchase Skid Steer Hammer – Linda Pigue
- H. Approval of Commission on Aging Budget Amendment – Bernadette Blonde
- I. Request to purchase 6 mobile radios for Emergency response and preparedness- Sgt. Fredrick Straubel

IX. Department Reports

A.

X. Reports of Officers, Boards, and Standing Committees

- A. Chairperson
- B. Board of Commissioners
- C. County Administrator

XI. Reports of Special or Ad Hoc Committees

XII. Public Comment (3-minute time limit per speaker)

XIII. Closed Session

- A. County Administrator Search

XIV. Adjournment

Board and/or Commission Vacancies

- Community Corrections Advisory Board-Ionia Community Mental Health Representative

Appointments for consideration in the month of February 2025:

- None

Appointments for consideration in the month of March 2025:

- Community Mental Health Services Board



IONIA COUNTY BOARD OF COMMISSIONERS

Jack Shattuck, Chairman

February 11, 2024, 3:00 p.m.
Minutes

Members Present: County Commissioner Scott Wirtz, County Commissioner Larry Tiejema, County Commissioner Phil Hesche, County Commissioner Gordon Kelley, County Commissioner Jack Shattuck, County Commissioner Terence Frewen

Members Absent: County Commissioner David Hodges

Others Present: Interim County Administrator Chad Shaw, County Finance Director Bernadette Blonde, County Clerk Greg Geiger

I. Call to Order

Shattuck called the meeting to order at 3:00 pm.

II. Pledge of Allegiance

Shattuck led the Pledge of Allegiance.

III. Invocation

Frewen led the invocation.

IV. Approval of Agenda

Board discussed agenda, moved Building Department Report to prior to new business, added item regarding Administrator duties

Motion to Approve Agenda

Moved by Frewen

Supported by Tiejema

Motion carried by voice vote

Motion to Add Agenda Item

Moved by Hesche

Supported by Wirtz

Motion carried by voice vote

V. Public Comment

No public comment.

VI. Action on Consent Calendar

Board approved consent calendar by unanimous consent.



IONIA COUNTY BOARD OF COMMISSIONERS

Jack Shattuck, Chairman

VII. Unfinished Business

No unfinished business.

VIII. Department Reports

Board received written and oral report from the Building Department.

IX. New Business

Board discussed the powers of the Interim County Administrator. Board agreed Interim County Administrator does not have authority to hire and fire. Board discussed purchasing limit of \$10,000 of budgeted funds.

Board discussed appointment of Jeff Montgomery to the Airport Zoning Board for a one-year term.

Motion to Appoint Jeff Montgomery to the Airport Zoning Board for a One-Year Term

Moved by Wirtz

Supported by Kelley

Motion carried by voice vote

Board discussed the Michigan Earned Sick Leave Act and an modified personnel policy. Human Resources Director Priscilla Walden presented the policy and recommended approval.

Motion to Approve Policy as Presented

Moved by Tiejema

Supported by Frewen

Motion carried by voice vote

Board discussed request for 2020 Census urban boundary change. Road Department Director Linda Pigue presented the request and recommended approval.

Motion to Approve Changes to Road Classification

Moved by Kelley

Supported by Tiejema

Motion carried by voice vote

Board discussed bid to cut and remove trees from Trees LLC. Road Department Director Linda Pigue presented the bid and recommended acceptance.

Motion to Accept Bid from Trees LLC



IONIA COUNTY BOARD OF COMMISSIONERS

Jack Shattuck, Chairman

Moved by Frewen

Supported by Kelley

Motion carried by voice vote

Board discussed PA116 Farmland Preservation Application for Mary and Phillip Seidelman.

Motion to Approve PA116

Moved by Frewen

Supported by Wirtz

Motion carried by voice vote

Board discussed request to hire Facilities Director. Shaw presented the applicant and recommended hiring.

Motion to Hire Scott DeRuischer as Facilities Director

Moved by Tiejema

Supported by Frewen

Motion carried by voice vote

Hesche Dissented

Wirtz Dissented

Board discussed Resolution for Soldiers and Sailors Relief Fund. Shaw presented the Resolution and recommended adoption. Board discussed options requiring annual renewal or maintaining levy in perpetuity until further action by the Board.

Motion to Adopt Resolution without Requiring Annual Renewal

Moved by Wirtz

Supported by Tiejema

Motion carried by roll call vote

Yes – Wirtz, Tiejema, Hesche, Shattuck, Frewen

No – Kelley

Board discussed approval of the Ionia County Health Department's Plan of Organization. Shaw presented the Plan and recommended approval.

Motion to Approve Ionia County Health Department's Plan of Organization

Moved by Frewen

Supported by Kelley

Motion carried by voice vote



IONIA COUNTY BOARD OF COMMISSIONERS

Jack Shattuck, Chairman

Board discussed request to change the name of the Ionia County Abuse Initiative to Ionia County Hope and Recovery. Shaw presented the request and recommended approval.

Motion to Approve

Moved by Tiejema

Supported by Hesche

Motion carried by voice vote

Kelley Dissented

Board discussed payroll step increase for Dispatch Supervisor. Central Dispatch Director Lance Langdon presented the request and recommended approval.

Motion to Approve

Moved by Kelley

Supported by Tiejema

Motion carried by voice vote

Hesche Dissented

Board discussed renewal of Motorola Service Agreement. Central Dispatch Director Lance Langdon presented the request and recommended approval.

Motion to Approve

Moved by Tiejema

Supported by Frewen

Motion carried by voice vote

Hesche Dissented

X. Department Reports

Board received written and oral report from the Animal Control Department.

Board received written and oral report from the Clerk's Office.

XI. Reports of Officers, Boards, and Standing Committees

Shattuck commented on County Administrator Search.

Wirtz commented on Airport Board Meeting.

Hesche commented on Resolution for Soldiers and Sailors Fund.

Frewen commented on Facilities Committee and on State funding.

Shaw commented on staffing.

XII. Reports of Special or Ad Hoc Committees

No reports of special or ad hoc committees.



IONIA COUNTY BOARD OF COMMISSIONERS

Jack Shattuck, Chairman

XIII. Public Comment

No public comment.

XIV. Closed Session

No closed session.

XV. Adjournment

Board discussed adjournment.

Motion to Adjourn at 5:01

Moved by Wirtz

Supported by Kelley

Motion carried by voice vote

Jack Shattuck, Chairman

Greg Geiger, County Clerk

County of Ionia					
Request for Per Diem and Mileage					
Commissioner Frewen					
January, 2025					
Board/Commission	Date	Hours	Per Diem	Miles	Mileage
Commissioners Afternoon Meeting	01/14/2025	2	\$50.00	38.6	\$27.02
Commissioners Afternoon Meeting	01/28/2025	2.25	\$50.00	38.6	\$27.02
					\$0.00
Special Board Meeting					\$0.00
ICEA Meeting	01/23/2025	1	\$50.00	zoom	
	01/24/2025		\$0.00	0	\$0.00
DHHS Board Meeting	01/09/25	1	\$50.00	36	\$25.20
Facilities Committee	01/21/2025	1.5	\$50.00	36	\$25.20
Road Dept Meeting	01/06/2025	1.5	\$50.00	36	\$25.20
Road Dept Meeting	01/20/2025	absent	\$0.00		\$0.00
Road Dept.mtg	01/16/25	1	\$50.00	via teams	
Finance Committee	01/21/25	cancelled			\$0.00
Park Advisory Board					\$0.00
SMART					\$0.00
Facilities interviews	01/29/25	4	\$75.00	38.6	\$27.02
Road Dept/Danby Twsp Mtg	01/29/25	1	\$50.00	Teams	
				185.2	
Total Per Diem Requested:			\$475.00		
Total Mileage Requested:					\$102.62
				\$577.62	
					
Signed Terence M. Frewen				Date	01/31/25
Per Diem Rates: \$50 for meetings up to three hours; \$75 for meetings more than three hours					

County of Ionia Request for Per Diem and Mileage

Commissioner Hesche

JAN

2025

Board/Commission	Date	Hours	Per Diem	Miles	Mileage
Commissioners Meeting	14-JAN		50		24
Commissioners Meeting	28-JAN		50		27
1/4 township meeting	13-JAN		50		24
Special Board Meeting					
Grievance Hearing Committee					
Personnel Committee	23 23-JAN		50		0
Lake Board-Morrison Lake					
Mid-West Trail Authority	23 20-JAN		50		82
Road Department Meeting	19-JAN		50		23
Other					

177 miles

Total Per Diem Requested: \$300

Total Mileage Requested: \$123.90


Signed

1- Feb - 25
Date

Per Diem Rates: \$50 for meetings up to three hours; \$75 for meetings more than three hours

Mileage for 2025 is .70 cents per mile.

County of Ionia Request for Per Diem and Mileage

Commissioner Kelley

JAN

2025

Board/Commission	Date	Hours	Per Diem	Miles	Mileage
Commissioners Meeting	1/14		50		
Commissioners Meeting	1/28		50		
Special Board Meeting					
Facilities Committee	1/21	1	50		
Personnel Committee	1/23	1 1/2	50		
Bargaining Committee	1/15	4	75		
Brownfield Redevelopment Authority	1/28	1	50		
Commission on Aging Board	1/16	1	50		
Eight-CAP Governing Board	1/24	1	50		
Mid-West Trail Authority	1/23	1 1/4	50	27	18.90
Road Department Advisory	1/6	1 1/4	50		
Road Department Advisory	1/20	1 1/4	50		
SMART					
West Michigan Regional Planning Comm	1/17	1 1/2	50	68	47.60
Other:					
TWP OFFICIALS	1/13	1 1/2	50		
M-bb Corridor	1/31	1 1/2	50		
			725		

Total Per Diem Requested: 1050⁰⁰ 291 725, 292 325

Total Mileage Requested: 66.50

Signed Kelley

2/4/2025
Date

Per Diem Rates: \$50 for meetings up to three hours; \$75 for meetings more than three hours

Mileage for 2025 is .70 cents per mile.

County of Ionia Request for Per Diem and Mileage

Commissioner Kelley

JAN

2025

Board/Commission	Date	Hours	Per Diem	Miles	Mileage
CONTINUED FROM PAGE 1					
FACILITIES MGR SEARCH	1/22	3 1/2	75		
FACILITIES MGR SEARCH	1/22	3 1/4	75		
FACILITIES MGR SEARCH	1/23	1	50		
FACILITIES MGR SEARCH	1/29	3-3/4	75		
FACILITIES PERSONNEL	1/31	1			
COUNTY ADMIN SEARCH	1/28	1	50		
			1325		

Total Per Diem Requested:

Total Mileage Requested:

Signed

Date

Per Diem Rates: \$50 for meetings up to three hours; \$75 for meetings more than three hours

Mileage for 2025 is .70 cents per mile.

County of Ionia
Request for Per Diem and Mileage

Commissioner Chair Shattuck

Jan 2025

Board/Commission	Date	Hours	Per Diem	Miles	Mileage
Commissioners Meeting	1-14		50. ⁰⁰		12. ⁰⁰
Commissioners Meeting	1-28		50. ⁰⁰		12. ⁰⁰
Special Board Meeting					
Grievance Hearing Committee					
Airport Board	1-14		50. ⁰⁰		0
Airport Zoning Board					
Emergency Management Advisory Council					
Lake Board-Jordan Lake					
MAC Workers' Comp Board					
Materials Mangement	1-23		50. ⁰⁰		12. ⁰⁰
MSU Extenstions Council	1-16		50. ⁰⁰		0
Other:					
Village of Lyons	1-9		0		
I.T. Meetings	1-23		50. ⁰⁰		
Admin Search Committee	1-28		50. ⁰⁰		0

Total Per Diem Requested: 350.⁰⁰

Total Mileage Requested: 36.⁰⁰

Signed Jack Shattuck

Date 1/28/25

Per Diem Rates: \$50 for meetings up to three hours; \$75 for meetings more than three hours

Mileage for 2025 is .70 cents per mile.

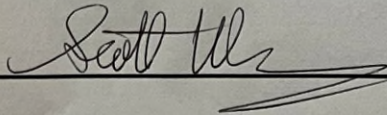
County of Ionia
Request for Per Diem and Mileage

Commissioner Wirtz
2025

Board/Commission	Date	Hours	Per Diem	Miles	Mileage
Commissioners Meeting	1-14-25		50		
Commissioners Meeting	1-28-25		50		4.90
Special Board Meeting					
Audit Committee					
Airport Board	1-14-25		50		4.90
Airport Zoning Board					
Board of Public Works					
Community Correction Advisory Board	1-31-25		50		4.90
Long Lake Board					
Other:					

Total Per Diem Requested: \$ 200

Total Mileage Requested: \$ 14.70

Signed 

Date 1-31-25

Per Diem Rates: \$50 for meetings up to three hours; \$75 for meetings more than three hours
Mileage for 2025 is .70 cents per mile.

IONIA COUNTY BOARD OF COMMISSIONERS
REQUEST FOR DISCUSSION/ACTION

Register of Deeds Software Upgrade
February 25th 2025

CONTACT:

Tami Hewitt, Register

DESCRIPTION:

Approval to transition the Register of Deeds software from our current provider, GOVOS, to Fidlar Technologies. After a thorough evaluation of both platforms and their associated costs, we believe Fidlar offers a more comprehensive solution that better aligns with our operational needs. We have consulted surrounding counties using Fidlar, and their feedback has been overwhelmingly positive. Fidlar provides reliable customer service, a modern and efficient platform, and innovative features like Property Alert.

FINANCIAL ANALYSIS:

Funding for initial implementation fee and annual fee for 6 years will come from committed projects, which the board has already approved the amount of \$180,371.00. After 6 years the annual fee will be covered by revenue brought in from the automation fund.

DEADLINE:

Spring/Summer 2025

SPECIFIC ACTION REQUESTED (PROPOSED BOARD MOTION):

Request permission to sign a contract with Fidlar Technologies.

ADMINISTRATOR'S RECOMMENDATION:

Interim Administrator Approves



Ionia County, MI

Bastion Service License Agreement

Scott Moore
January 22, 2025



BASTION SOFTWARE LICENSE AGREEMENT

(Ver. 1.9)

This Agreement is made effective as _____, 2025, by and between: Fidlar Technologies, with its principal place of business at 350 Research Parkway, Davenport, Iowa 52806 (herein "Fidlar"), and Ionia County MI, with its principal place of business at 100 W Main Street, Ionia MI 48846 (herein "County").

1. DEFINITIONS

(a) Software – the computer program, procedures, rules and associated documentation concerned with the operation of a data processing computer system, in computer readable form, furnished by Fidlar to County, including related supporting materials such as instruction manuals, which provides for the electronic replication of each document recorded in County's real estate records using another Fidlar software program, and the electronic delivery of such electronic copy to a location separate from County's offices.

(b) Acceptance – The Software shall be deemed accepted by County at the conclusion of installation and testing of the Software and completion of the training period, provided the Software performs in accordance with its written documentation, unless County notifies Fidlar of a material problem with the Software within 30 days of completion of installation, testing, and training. FIDLAR will use its best efforts to correct such problems; otherwise, County will be conclusively presumed to have accepted the hardware and software upon completion of installation and testing.

2. GRANT OF LICENSE

Subject to the payment of the license fees to Fidlar as provided herein, Fidlar hereby grants to County, and County hereby accepts a personal, non-exclusive, non-transferable license to use, copy and install the Software during the term of this Agreement, subject to the limitations, terms and conditions of this Agreement and to use the documentation therefore during the term hereof in support of the use of the Software.

This License and the applicable Software may not be assigned, sub-licensed, or otherwise transferred without prior written consent from Fidlar, provided, however, that County may assign this License to a successor to its governmental operations. Any attempted assignment, sublicense, or transfer of this License by County or its permitted assignee to other than a successor to its governmental operations shall be void and shall immediately terminate this License.

3. DELIVERY, INSTALLATION AND USE

County shall use the Software in connection with its governmental operations. Fidlar will deliver the Software to County and install the Software at County's location listed above,



hereto. County and its permitted assignees may install and use the Software in any new location if it moves to a different location. Fidar will use its best efforts to correct any problems of which it is notified by County within 30 days of completion of installation, testing, and training. County is exclusively responsible for the supervision, management, and control of its use of the Software.

4. OWNERSHIP, REPRODUCTION AND DISCLOSURE

(a) The Software is licensed, not sold and remains the property of Fidar. County obtains no rights other than those granted under this Agreement. County shall not reverse engineer, disassemble or decompile the Software.

5. TERMINATION OF LICENSE

(a) The term of this license shall continue in perpetuity provided, that either party may terminate the license if the other party breaches this Agreement and fails to cure such breach within thirty (30) days after receipt of written notice from the non-breaching party. Nothing in this sub-section 6(a) is intended to preclude Fidar from seeking immediate appropriate injunctive relief in the event of any violation of Fidar's intellectual property rights.

(b) Upon termination of the license, County shall immediately cease use of the Software and shall, within ten (10) days following termination, return the original Software and all copies thereof, or with Fidar's written consent, destroy the original Software and associated documentation and certify in writing to Fidar that all copies of the Software and documentation have been destroyed.

6. WARRANTY, WARRANTY DISCLAIMER AND INFRINGEMENT

(a) Warranty. **The following warranties are in lieu of all warranties, express, implied, or statutory, including but not limited to, any implied warranties of merchantability and fitness for a particular purpose and of any other warranty obligation on the part of Fidar. There are no warranties that extend beyond the description on the face hereof.**

(i) Fidar warrants that the Software is properly licensed and that Fidar otherwise has the right to distribute the Software in accordance with this Agreement.

(ii) Fidar further warrants that the media in which the Software is delivered to County is undamaged and free from mechanical defects.

(b) No Other Warranties. Fidar makes no other warranties with respect to the Software, except as set forth above. FIDLAR DISCLAIMS ALL OTHER REPRESENTATIONS, WARRANTIES AND PROMISES, EXPRESS OR IMPLIED, OR STATUTORY, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY OTHER WARRANTY OBLIGATION ON THE PART OF



FIDLAR WITH RESPECT TO THE SOFTWARE. FIDLAR DISCLAIMS ALL LIABILITIES OR OBLIGATIONS FOR DAMAGES INCLUDING, BUT NOT LIMITED TO, INCIDENTAL, INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES, SUCH AS INTERRUPTION OF BUSINESS OR ANY LOSS OF BUSINESS OR PROFITS, LOSS DUE TO PERSONAL INJURY, OR HARM TO PROPERTY, OR ANY EXPENSE EXPERIENCED BY COUNTY ARISING OUT OF ANY DEFECTS IN OR FAILURE OR INADEQUACY OF PERFORMANCE OF THE SOFTWARE FURNISHED BY FIDLAR HEREUNDER.

7. LIMITATION OF LIABILITY AND EXCLUSIVE REMEDY

(a) **Limitation of Liability.** Even if Fidlar has been advised of the possibility of such claims, demands, or damages, in no event shall Fidlar be liable to County for the following: any incidental, special, exemplary, or consequential damages; any loss of profits or confidential or other information; business interruption, personal injury, any loss of privacy for failure to meet any duty including of good faith or of reasonable care, any negligence or negligent misrepresentation, and any other pecuniary or other loss whatsoever, even in the event of the fault of Fidlar (or any supplier), of tort (including negligence), strict or product liability, breach of contract or breach of warranty.

(b) **Exclusive Remedy.** County's exclusive remedy against Fidlar for any breach of warranty under this Agreement is limited to repair, replacement or refund with respect to the item in question, at Fidlar's option and subject to applicable law. County will only be entitled to the direct damages that County actually incurs in reasonable reliance, up to the amount of a refund of the license fees (plus sales tax) that County paid for the Software. The limitations and exclusions regarding damages will apply even if any remedy fails.

(c) **Costs.** If suit is brought or an attorney retained by either party to enforce the terms hereof, collect any monies due under, or collect damages for breach of, this Agreement, the prevailing party shall be entitled to recover, in addition to any other remedy, reimbursement for reasonable attorney fees, court costs and other related expenses incurred in connection therewith.

9. STORAGE FACILITY

The purpose of the Bastion Hosting Service is to store the official public record of the County's real estate records at a location physically separate from the County's location. The cost above covers the hardware costs, software costs (such as Operating System Licenses, Microsoft SQL Server Core Licenses, Backup Software Licenses, VM Ware Software Licenses, etc.), environmental maintenance, and digital backups of all critical components of the Ionia County Register of Deeds Land Records System at the primary data center



Bastion Service License Agreement Ver. 1.9

This service also covers a replicated copy of your hosted production system. Hardware based mirroring of your Virtual Machine Operating Systems, SQL Databases, and digital scanned images will occur daily.

This Software License Agreement was executed to be effective as of the date set forth above. Each person signing below represents that he or she has read this Agreement in its entirety including any and all Attachments; understands its terms; is duly authorized to execute this Agreement on behalf of the party indicated below by his or her name; and agrees on behalf of such party that such party will be bound by the terms hereof.

FIDLAR TECHNOLOGIES

IONIA COUNTY MI

By: _____

By: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____



SCHEDULE A

Software/ Services Pricing & Payment

BASTION Service Description

Bastion replaces the need for an on-site server infrastructure within your office, for Fidar's AVID Land Record software. The hosted infrastructure that Bastion provides alleviates the need and cost of an onsite application server, obligatory software licensing fees, and backup procedures traditionally required with a localized technical operation.

Security measures are heightened with a secondary, off-site repository that backs up the hosted servers, ensuring the safekeeping of county data in the event of a disaster.

Internet speeds at the County office will need to be a minimum of 10 Mbps download and upload in order for Bastion to function properly.

Bastion (One Time Purchase): \$5,000.00

Storage Costs

With the implementation of various Projects and Software packages, your quarterly storage costs can have a tendency to fluctuate from one price range to another. Projects such as Media Conversions and software such as iNSPECT or Shadow Tables can impact sizes. You will be invoiced on actual space consumed for that Quarter.

Documents Per Day	Documents Per Year
<= 50	<= 13,000
Size Range	Annual Price
0 – 25 Gb	\$4,000.00
26 - 50 Gb	\$7,000.00
51 - 100 Gb	\$8,800.00
101 - 150 Gb	\$10,600.00
151 - 200 Gb	\$12,400.00



**The total size of your current repository is yet to be determined. As you grow/shrink/fluctuate prices may adjust to match the table listed above but in all cases, you will only be billed on actual repository size

Total Quarterly Charge: TBD

PAYMENT MILESTONES

One-time purchase and first Quarterly charge will be due upon completion of integration

Taxes

Charges are exclusive of all federal, municipal, or other government excise, sales, use, occupational, or like taxes now in force or enacted in the future with the exception of taxes on net income and, therefore, are subject to an increase equal in amount to any tax Fidar may be required to pay upon the license, sale or delivery of the product purchased. **Note: Prices quoted herein are guaranteed for thirty (30) days. After that time, prices may change without notice.**

COUNTY REPRESENTS THAT SCHEDULE 'A' HAS BEEN READ:

FIDLAR TECHNOLOGIES

IONIA COUNTY MI

By: _____

By: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____



COMPUTER SYSTEM AND SOFTWARE LICENSE SALES AGREEMENT

(Ver. 3.1.9)

This Agreement is made this _____ day of _____, 2025, by and between FIDLAR TECHNOLOGIES, (FIDLAR) and IONIA COUNTY MI (the "CLIENT").

RECITALS

- A. FIDLAR designs, develops and licenses its own computer software programs, all of which are hereinafter referred to as "software."
- B. CLIENT desires to purchase from FIDLAR licensed computer software for the purpose of indexing and imaging documents electronically.

TERMS OF AGREEMENT

In consideration of the facts mentioned above and the mutual promises set out below, the parties agree as follows:

ARTICLE I - GENERAL TERMS

- 1.1 **COMPUTER SYSTEM:** CLIENT agrees to buy from FIDLAR, and FIDLAR agrees to sell to CLIENT, the licensed program(s) described in SCHEDULE A, at the price quoted and subject to the terms of this Agreement. Article II describes the terms of this Agreement as it relates to the software.
- 1.2 **ACCEPTANCE BY CLIENT:** CLIENT agrees to accept the software at the conclusion of installation and testing of the software referenced in SCHEDULE A and completion of the training period, provided the software performs as presented to IONIA COUNTY MI. If CLIENT notifies FIDLAR of a material problem with the software within 30 days of installation and testing, FIDLAR will use its best efforts to correct such problems; otherwise, CLIENT will be conclusively presumed to have accepted the software upon completion of installation and testing.
- 1.3 **DELIVERY:** FIDLAR will deliver the Computer System to CLIENT at CLIENT'S facility located at:

Tami Hewitt
Ionia County MI
Register of Deeds Office
100 W. Main Street
Ionia MI 48846

ARTICLE II - SOFTWARE LICENSE

- 2.1 **PROPERTY RIGHTS:** CLIENT agrees that all program specifications, systems, design, applications, routines, subroutines, techniques, ideas and/or formula utilized or developed or provided by FIDLAR in connection with CLIENT's implementation of the software are and shall remain the sole property of FIDLAR.
- 2.2 **LICENSE:** FIDLAR hereby grants CLIENT the rights to a nonexclusive and nontransferable license for the possession and use of all software (Licensed Software) pursuant to the Agreement described in SCHEDULE A.
- A. CLIENT agrees not to copy the software covered by this Agreement in any manner, except in normal backup procedures, without the express written consent of FIDLAR.
 - B. The use of any portion of the software for any purpose shall be for CLIENT use only and shall remain subject to all terms and conditions of this Agreement. In the event this license is terminated, the software will be completely removed from all CLIENT systems.
 - C. CLIENT is exclusively responsible for the supervision, management, and control of its use of the Software. Except as provided otherwise in this Agreement, CLIENT agrees: (a) To not reveal any information contained in the Software, or any part thereof, or any copies thereof, in any form, to any third party except pursuant to a court order; (b) To take all reasonable precautions to hold in confidence the design and documentation of the Software; (c) To not encumber, assign, sublicense, or otherwise transfer same, by operation of law or otherwise, in whole or in part, directly or indirectly, to not exhibit, donate, barter, loan, or otherwise communicate said Software, to any other firm or person without the express written consent of FIDLAR; and (d) to take all reasonable action by instruction, agreement, or otherwise with its employees or other persons permitted access to the Software to satisfy its obligations under this Agreement with respect to use, protection and security of the Licensed Software.
- 2.3 **PROTECTION OF LICENSE:** FIDLAR and CLIENT agree to aid and assist one another in the protection of the trade secrets of the Software covered by this license.
- 2.4 **TRANSFER:** CLIENT agrees that it will not sell, give, encumber in any manner, or otherwise transfer to any other company, firm, person, corporation, or entity any of its rights in any Software, whether or not later modified by either party, developed pursuant of this Agreement, without the express written consent of FIDLAR.
- 2.5 **WARRANTY AS TO SOFTWARE PRODUCTS:** **The following warranties are in lieu of all warranties, express, implied, or statutory, including but not limited to, any implied warranties of merchantability and fitness for a particular purpose and of any other warranty obligation on the part of FIDLAR. There are no warranties that extend beyond the description on the face hereof.**

- A. FIDLAR warrants that the software is properly licensed and that FIDLAR otherwise has the right to distribute the software in accordance with this Agreement.
 - B. FIDLAR further warrants that the media in which the software product is delivered to CLIENT is undamaged and free from mechanical defects.
- 2.6 SOFTWARE MAINTENANCE: The description of FIDLAR'S LifeCycle software maintenance service and support is attached as SCHEDULE A. LifeCycle software maintenance service is included at no additional cost as part of the LifeCycle payment.
- 2.7 TERM AND TERMINATION: The license granted under this agreement, with regard to the Software, may be terminated by FIDLAR for material failure of CLIENT to comply with terms and conditions of this Agreement. Within thirty (30) days after CLIENT has discontinued the use of any License program, or within ten (10) days after FIDLAR has terminated any license, CLIENT will certify in writing to FIDLAR that through its best efforts and to the best of its knowledge, the original and all copies in whole or in part of the discontinued or terminated License program(s) have been destroyed, except that, upon prior written authorization from FIDLAR, CLIENT may retain a copy for archive purpose only.

ARTICLE III

- 3.1 DEFINITIONS: The terms defined in this Section shall, for all purposes of this Agreement, have the meaning specified.
- A. **Computer System:** A combination of computer hardware and computer software organized to accomplish a set of specific functions.
 - B. **Program or Computer Program:** A schedule or plan that specifies actions that may or may not be taken, expressed in a form suitable for execution by a computer.
 - C. **Software or Computer Software:** Computer programs, procedures, rules and associated documentation concerned with the operation of a data processing computer system. As used in this Agreement, these terms include all software products sold or licensed by FIDLAR.
 - D. **Licensed Program:** Each program in computer readable form furnished by FIDLAR to CLIENT, including related supporting materials such as instruction manuals.
 - E. **Designated Equipment:** Computer Equipment designated by a manufacturer's Sales Order Serial Number.
 - F. **Use:** The copying or duplication of any portion of any Licensed Program using any Licensed Program in the course of the operation of any computer hardware, or in support of any computer hardware program.

- G. **Computer Hardware:** Physical equipment used in data processing, as opposed to computer programs, procedures, rules and associated documentation.
 - H. **Hardware Maintenance:** Any activity, such as tests, measurements, replacements, adjustments, and repairs, intended to eliminate faults or keep computer hardware functional at a certain level.
 - I. **Data:** A representation of facts, concepts, or instructions in a formalized manner suitable for communication, interpretation, or processing by humans or automatic means.
 - J. **Backup:** To copy files to a second medium (typically a tape) as a precaution in case the first medium fails. The data (and/or images) can then be retrieved (from the point the last backup finished) and restored to your system in the event any existing data (or images) is lost, destroyed or corrupted.
- 3.2 **CONFIDENTIAL INFORMATION:** FIDLAR and CLIENT agree that information designated in writing as proprietary by one party shall be held in confidence by the other party. Since unauthorized use or transfer of the Software or any information contained therein will diminish substantially the value to FIDLAR of the trade secrets and proprietary properties of the Software, if CLIENT breaches any of its obligations with respect to limited use or nondisclosure of the Software, or if such breach is likely to occur, FIDLAR shall be entitled to equitable relief, including orders for specific performance and injunctions. The rights and remedies of FIDLAR set forth in this Agreement are not exclusive and are in addition to any other rights or remedies provided by law or this Agreement, but are subject to the requirements imposed upon CLIENT by virtue of any and all public disclosure laws.
- 3.3 **EXCLUSIVE REMEDY:** CLIENT's exclusive remedy against FIDLAR for any breach of warranty under this Agreement is limited to repair, replacement or refund with respect to the item in question, at FIDLAR's option and subject to applicable law. CLIENT will only be entitled to the direct damages that CLIENT actually incurs in reasonable reliance, up to the amount of a refund of the price (plus sales tax) that CLIENT paid for the item. CLIENT will not be entitled to any incidental, consequential or other damages, including but not limited to damages for loss of profits or confidential or other information, for business interruption, for personal injury, for loss of privacy for failure to meet any duty including of good faith or of reasonable care, for negligence or negligent misrepresentation, and for any other pecuniary or other loss whatsoever, even in the event of the fault of FIDLAR (or any supplier), of tort (including negligence), strict or product liability, breach of contract or breach of warranty, and even if FIDLAR or any supplier has been advised of the possibility of such damages. These limitations and exclusions regarding damages will apply even if any remedy fails.
- 3.4 **WAIVER:** Any waiver by either party of any provision of this Agreement shall not imply a subsequent waiver of that, or any other provision.

- 3.5 NOTICES: Any notices or demands required to be given herein shall be given to the parties in writing, and by mailing to the address hereinafter set forth, or to such other addresses as the parties may hereinafter substitute by written notice given in the manner prescribed in this Section.
- a. Notice to FIDLAR: Fidlar Technologies
 350 Research Parkway
 Davenport, IA 52806
 Attn: Alex Riggen, President
- b. Notice to CLIENT: Tami Hewitt
 Ionia County MI
 Register of Deeds Office
 100 W. Main Street
 Ionia MI 48846
- 3.6 ENTIRE AGREEMENT: It is expressly agreed that this Agreement embodies the entire contractual agreement and that there is no other oral or written agreement or understanding between the parties at the time of the execution hereunder. Further, this Agreement cannot be modified except by written agreement of all parties hereto.
- 3.7 GOVERNING LAW: The parties agree that this Agreement shall be governed by the laws of the State of Michigan.
- 3.8 BINDING EFFECT: This Agreement shall ensure to the benefit of and bind the parties hereto, their successors and assigns.
- 3.9 AUTHORITY: FIDLAR and CLIENT each hereby warrant and represent that their respective signatures set forth below have been and are on the date of this Agreement duly authorized by all necessary and appropriate corporate and/or governmental action to execute this Agreement.
- 3.10 SECTION HEADINGS: All section headings contained herein are for convenience or reference only and are not intended to define or limit the scope of any provision of this Agreement.
- 3.11 DEFERRED PAYMENT: To the extent that this Agreement includes deferred payments, such payments will include an imputed interest factor based on a current market rate. Deferred payments are defined as payments which extend beyond completion of the project installation and acceptance. Deferred payments are exempt from interest under the Installment Payment Agreement attached hereto and made a part hereof, except as may be provided for late charges as described in Section I of the Installment Payment Agreement.

This Agreement has been executed by the parties as of the aforementioned date.

ACCEPTED:

IONIA COUNTY MI

FIDLAR TECHNOLOGIES

Dated: _____

Dated: _____

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

SCHEDULE A

Land Records System LifeCycle Program

Payment Amount and Schedule

Fidlar Technologies Products & Services

	Year 1	Year 2	Year 3
LifeCycle Pricing Plan	\$18,000	\$18,000	\$18,000
One-Time Charges for Installation	\$62,000		
Installation/Configuration	Included	Included	Included
Workflow Analysis	Included	Included	Included
Project Management	Included	Included	Included
Data / Image Conversion	Included	Included	Included
Training	Included	Included	Included
LifeCycle Annual Maintenance	Included	Included	Included
TOTAL ANNUAL COSTS	\$80,000	\$18,000	\$18,000

PAYMENT MILESTONES AND DATES:

50% of the Installation / Configuration charges invoiced upon project kick-off.

50% of the Installation / Configuration charges invoiced upon Live Date.

100% of first year LifeCycle fees invoiced upon Live Date.

Annual LifeCycle fees billed upon contract anniversary date.

FIDLAR TECHNOLOGIES LIFECYCLE SERVICE AND MAINTENANCE INCLUDES:

- ◆ The use of our AVID software product during the life of this contract
- ◆ The use of any future software product Fidlar may develop to replace AVID for the purpose of recording land records documents
- ◆ Project management, installation, conversion (excluding any needed or requested data clean-up), and training needed for the initial installation of any future Fidlar Technologies product developed to replace AVID for the purpose of recording land records documents
- ◆ The use of new add-on modules Fidlar may develop and offer to the market for the purpose of recording land records documents
- ◆ Software Maintenance to the currently licensed Fidlar developed Software Products
- ◆ Furnishing telephone support relative to the currently licensed Fidlar developed Software Products, either in their original or maintained form
- ◆ Providing legislative updates to the Fidlar developed Software Products as required by the State, except those updates that require fundamental modifications to the core design of the product
- ◆ Providing product enhancements on an ongoing basis, the frequency based on the age of the product and market requirements

FIDLAR TECHNOLOGIES LIFE CYCLE SERVICE DOES NOT INCLUDE:

- ◆ The 3rd party software and hardware necessary to operate AVID, any related modules, or any future Fidar developed product for the purpose of recording land records documents
- ◆ The installation, maintenance, or support of 3rd party software and hardware now or in the future
- ◆ Any current or future Fidar developed software product or service not designed or offered to the market for the purpose of recording land records documents
- ◆ Any form of ownership or perpetual license to Fidar developed software products
- ◆ Any product, service, or responsibility, now or in the future, for the backing up, recovery, or disaster recovery of information
- ◆ Any custom development for special requests from the Client
- ◆ Any needed or requested training except as stated in the above section
- ◆ Use of Fidar developed remote access products except as outlined in Schedule D of this contract
- ◆ Enhancements or modifications to software programs at user's request; such work would be considered a billable extra
- ◆ Support to new or existing Fidar Technologies Products not covered by this contract
- ◆ Operating System versions or their support or installation
- ◆ Database Management System versions or their support or installation
- ◆ Diagnosis or correction of problems caused by operator negligence
- ◆ Diagnosis or correction of problems caused by hardware, data media, or 3rd party software or other systems not covered by this Agreement
- ◆ Diagnosis or correction of problems caused by some naturally occurring event such as storm, flood, etc.
- ◆ Conversion costs for changes to database structure, if needed

EFFECTIVE DATE:

LifeCycle maintenance coverage is effective from the date of contract signing through the term of the contract.

BASIC MATERIALS:

Software Maintenance to the Software Products licenses granted under this Agreement will govern any basic materials, in machine readable or printed form, provided to the Client by Fidar. The Client is granted the right to locally reproduce additional copies of printed licensed material exclusively for his own use. All licensed material so locally reproduced shall be considered to be the same as the originally delivered material for all purposes under this Agreement.

PROTECTION AND SECURITY:

The Client agrees to not disclose the content of the Software Products materials to any person except those who need to know for purposes of operating the system for the Client. The Client further agrees to protect the secrecy of the content of the Software Products materials by using procedures at least as stringent as those used to protect his own proprietary or confidential information and materials. The Client specifically acknowledges that he has no right of ownership of the Software Products, and that he possesses the license to use said Software Products according to the provisions of this Agreement.

ON-SITE SUPPORT:

If on-site Software Maintenance to the Software Products is required, the Client will be charged for the time and materials at the then current rate.

TAXES:

Charges are exclusive of all federal, municipal, or other government excise, sales, use, occupational, or like taxes now in force or enacted in the future with the exception of taxes on net income and, therefore, are subject to an increase equal in amount to any tax Fidar may be required to pay upon the license, sale, or delivery of the product purchased.

Note: Prices quoted herein are guaranteed for thirty (30) days. After that time, prices may change without notice.

BUYER REPRESENTS THAT THIS SCHEDULE 'A' HAS BEEN READ:

IONIA COUNTY MI

FIDLAR TECHNOLOGIES

Dated:_____

Dated:_____

By:_____

By:_____

Name:_____

Name:_____

Title:_____

Title:_____

SCHEDULE B

THIS SCHEDULE IS LEFT INTENTIONALLY BLANK.

SCHEDULE C

Hardware and Maintenance Services Provided by Fidlar Technologies

(List of equipment being purchased here):

☐ NEW AGREEMENT *: First-year hardware service cost: \$

☐ PRE-EXISTING AGREEMENT *: Hardware service cost will be prorated from date of installation to renewal date of existing Hardware Service Account.

☒ DECLINE SCHEDULE C:

*** This amount will be billed upon completion of installation.**

All equipment listed below, and its implied components (i.e., motherboard, power supplies, RAM, print heads, etc.), are covered by this Schedule C. In the event of failure of any of this hardware, Fidlar Technologies will cover all repairs and/or replacement of this hardware. Fidlar will also re-install, at no cost to the customer, all Fidlar software applications that ran on the hardware before the failure. (NOTE: Re-installation of Fidlar software applications is billable if Schedule C is declined.)

Consumables (i.e., scanner cleaning kits, pm kits, cables, paper, ribbons, media, diskettes, etc.), are not covered under the terms of this Schedule C.

This hardware maintenance rate is applicable until the first anniversary date of this agreement or the anniversary date of your existing hardware maintenance agreements if so noted above. Future rates may be changed. You will be notified prior to new rates going into effect. This hardware maintenance agreement will auto-renew each year 30 days after we send you notice unless you notify us, within those 30 days, that termination is desired.

Note: Prices quoted herein are guaranteed for thirty (30) days. After that time, prices may change without notice.

BUYER REPRESENTS THAT THIS SCHEDULE 'C' HAS BEEN READ:

IONIA COUNTY MI

FIDLAR TECHNOLOGIES

Dated: _____

Dated: _____

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

SCHEDULE D
IONIA COUNTY MI
Remote Access Products
Community Service Products

REMOTE ACCESS

LAREDO

Fidlar Technologies' Laredo software is designed to allow remote access to the Client's recorded document information by professional searchers (i.e., title companies, banks, realtors, etc.) Laredo is designed to allow subscription only access. Subscriptions for Client's customers and subsequent access are exclusively granted by Client (access may be terminated by Fidlar should the end-user agreement be breached). After Client issues the subscriber their user ID and password, they are able to download the Laredo remote access software from Fidlar's website, www.fidlar.com/laredo.

Laredo subscriber will be presented with an online End User Agreement when they log in to Laredo. They will be prompted to print the agreement, sign it, and then forward it to Fidlar. The Laredo subscriber will be presented with this User Agreement each time they log in until they endorse the agreement and send it back to Fidlar.

It is notable that the unique user ID (username) and password defines each Laredo user. This user ID can be used to access land records data from any properly configured workstation; however, multiple users cannot log in with the same user ID at the same time.

LAREDO BILLING:

Fidlar will invoice Client a licensing fee for each Laredo user on a monthly basis. The licensing fee will be commensurate with the subscription plan of each subscriber in accordance with the schedule below. New subscribers joining during a monthly period will be billed based on the prorated amount for that month determined by their subscription date. The billing periods correlate with the calendar months.

LAREDO PRICING:

As the time approaches for project kick-off and live-day, Fidlar will meet with Ionia County to understand your desired charging methodology and list licensing fees accordingly.

Laredo support (at 1-563-345-1283), including End-User subscriber support, is included in the Per-Minute Plans.

END USER FEES

The Client understands that it is empowered to charge fees to end users pursuant to Michigan Compiled Laws section 15.443 and other applicable law and hereby assigns to Fidlar the above portions of end user fees as an actual cost to the Client during the term of this Agreement.

The Client understands that end-user access fees for Laredo are set by the county.

TAPESTRY

The Client has the option to participate in Fidar's Tapestry General Public Access System by permitting their information to be made available through the Fidar Technologies Tapestry website (www.landrecords.net). The Client understands that Tapestry is a service offered and managed by Fidar to offer the land records of participating Counties collectively to the general public.

The Client understands that Fidar will determine who has access to their Tapestry websites and will provide phone and email support to users as well as manage the billing and collecting of access fees from the end users. At the end of each calendar month, Fidar will provide a credit to the Client based on the parameters below.

TAPESTRY PRICING:

Fidar agrees to pay Client:

- \$3.25 per Tapestry search transaction
- \$0.50 per document image printed
- \$4.98 per Print Results

The Client understands that access fees for Tapestry are set by Fidar. Fidar will notify Client at least 30 days in advance before such fees are changed.

WATERMARK IMAGES IN TAPESTRY: Y/N

TAPESTRY WATERMARK VERBIAGE: "Insert text here"

MONARCH

Fidar Technologies' Monarch software is designed to allow land record's data and/or images to be distributed via an application programming interface (API). Monarch is designed to allow subscription only access.

Fidar will provide to the subscribers all the necessary support, technical support, and communications to allow for the successful use of the Monarch system at no cost to the County.

Under the terms of this agreement, Fidar Technologies will only market access to County data and images with the specific permission of the county.

Fidar License Fee to County per User Subscription	Cost
Present Day Images	\$.04
Present Day Data	\$.04

Historic Images	\$.04
Historic Data	\$.04
On Demand Images/Data	Refer to Tapestry pricing
Security Options	
How many days will the information be delayed	# days
Images will be watermarked w/ text (if Y see *below)	Y/N

**Enter watermark text here"

OFFICIAL RECORDS ONLINE

Official Records Online (ORO) makes it possible for visitors to the ORO website (www.officialrecordsonline.com) to place an order for copies of birth, death, marriage licenses, and/or certified land records documents (at Client's discretion), accept payment, and validate requestor identity.

ORO PRICING:

Client determines base pricing for each document type made available via ORO.

Fidlar will charge a convenience fee of \$7.50/transaction (includes copies). This fee will be deducted from the ORO service fee if over \$7.50. If the service fee offered is less than \$7.50, Fidlar will instead bill the county each month.

Fidlar Convenience and Maintenance Fee	Cost
Per Order	\$7.50

Client agrees to put a link to www.officialrecordsonline.com from their web site for the online ordering of these document types.

COMMUNITY OUTREACH SERVICES

PROPERTY FRAUD ALERT

Fidlar's **Property Fraud Alert (PFA)** service is designed to monitor, identify, and notify individuals whose name has been indexed from a document recorded in Client's office. The intent is to offer subscribers the ability to have their name/business name monitored within the Client's office in order to track possible fraudulent activity. **PFA** subscribers must sign up for the **PFA** service via the **PFA** website, www.propertyfraudalert.com . Subscribers will ONLY be notified by the **PFA** service when the name they have submitted matches any names that have been indexed from documents recorded within the Client's office.

PFA is a Fidar-managed web site and service. Fidar provides technical and end-user support via the **PFA** hotline service (1-800-728-3858).

PFA PRICING:

INCLUDED AS PART OF THIS CONTRACT

HONOR REWARDS DESCRIPTION:

Fidar's Honor Rewards is a service provided to counties which allows them to quickly and easily implement and manage a rewards program for their local veterans. Veterans can sign-up (online or in your office) to receive an Honor Rewards ID card which gives them discounts and benefits at local businesses and retailers who participate in the program. Client is responsible for contacting local businesses and retailers and encourage them to participate in the program.

Fidar's Honor Rewards program includes:

- Creation and maintenance of your county's page at www.honorrewards.com
- Printing of all ID Cards for your county
- Delivery of the ID cards approximately every 2-3 weeks (it is Client's responsibility to get them to the veteran)
- Customer Support for veterans during the signup process
- Pre-Created promotional materials

HONOR REWARDS PRICING:

INCLUDED WITHIN THIS CONTRACT

BUYER REPRESENTS THAT THIS SCHEDULE 'D' HAS BEEN READ AND IS ACCEPTED:

IONIA COUNTY MI

FIDLAR TECHNOLOGIES

Dated: _____

Dated: _____

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

SCHEDULE E

Agreement as to Hardware, Software, and Services

The following is a complete listing of all 3rd party hardware and software, and all other software and services associated with this agreement:

It is the Client's responsibility to interpret 3rd party software licensing requirements and to purchase the necessary legal copies of 3rd party software. It is also the Client's responsibility to purchase additional software licenses if required due to changes in the number of users or other factors.

NOTE: Fidlar Technologies has provided recommendations and/or is providing pricing below for 3rd party software based on input from the Client.

3RD PARTY SOFTWARE:

LeadTools OCR Software (1 licenses required)	\$NA
---	-------------

The above costs are included in Schedule A.

DATA CONVERSION:

Cost for data conversion does not include any additional fees your current vendor may charge.

Please note: Fidlar requests data to be supplied to us in flat ASCII format. If data is not supplied in this requested format, additional charges may apply.

IMAGE CONVERSION:

Cost for the image conversion does not include any additional fees your current vendor may charge.

Please Note: Conversion costs assume images have been supplied to Fidlar conversion personnel as individual Group IV TIFF images. Included with the images must be an index complete with document numbers and page numbers. If images and data are not supplied in this requested format, additional charges may apply.

BACKUPS OF DATA AND IMAGES:

As part of the training process, someone on your staff (or IT staff) will be trained in the process of managing, and verifying, the backups of your data and images utilizing the backup software you purchase (see below for recommended software). It is the Client's responsibility to regularly verify the success of the backups - Fidlar Technologies strongly recommends you verify the backups at least weekly.

ANTI-VIRUS, SURGE PROTECTION, WINDOWS UPDATES:

It is also highly recommended that you seek the assistance of your IT department or a qualified vendor in your area to protect your servers and workstations from viruses, power surges, etc. The following is recommended:

- ◆ Anti-Virus protection: Symantec Norton Antivirus and McAfee Antivirus are both utilized throughout the industry and are recognized by Fidler Technologies as acceptable anti-virus programs. It is very important to keep these programs updated regularly.
- ◆ Surge protection: The APC Powerchute units will protect your servers from power surges. It is also recommended you protect your workstations from both electrical and phone line power surges.
- ◆ It is recommended that you regularly run the Windows updates on your servers and workstations. If you do not have an office staff member or IT department available to assist you with this, we recommend you utilize the assistance of a qualified vendor in your area.

HARDWARE RECOMMENDATIONS:

NOTE: This information is for reference purposes only - These items are not included in this contract.

(Included in separate attachment)

Note: Prices quoted herein are guaranteed for thirty (30) days. After that time, prices may change without notice.

BUYER REPRESENTS THAT THIS SCHEDULE 'E' HAS BEEN READ:

IONIA COUNTY MI

FIDLAR TECHNOLOGIES

Dated:_____

Dated:_____

By:_____

By:_____

Name:_____

Name:_____

Title:_____

Title:_____

SCHEDULE F

THIS SCHEDULE IS LEFT INTENTIONALLY BLANK.

SCHEDULE G

SELECT 1 OF THE FOLLOWING 2 OPTIONS:

OPTION 1: _____ By checking here and signing below, you acknowledge you have the authority to utilize remote access revenue to offset Fidar invoices and you authorize Fidar to hold credits on account to do so. Should you choose this option, credits will be held in a non-interest bearing account and a second signature from an authorized Elected Official, County Board Member, or Department Head is required.

Examples of remote access revenue: Laredo, Tapestry, Monarch, Official Records Online

Please select the types of Fidar invoices you would like to use your remote access revenue on:

_____ LIFECYCLE _____ BASTION/INFO REP _____ HANDS FREE MICROFILM
_____ LAREDO BILLING _____ CONTRACT SERVICES _____ MEDIA CONVERSION PROJECTS
_____ OTHER - PLEASE LIST: _____

Any excess revenue held on account after applying to selected invoices and reviewing projected needs will be refunded to you via Check/ACH.

OPTION 2: _____ By checking here and signing below, you acknowledge that Fidar will refund all remote access credit earned via ACH or Check.

I/WE ACKNOWLEDGE THAT THIS INSTRUCTION SHEET HAS BEEN READ AND IS ACCEPTED:

	<u>2ND SIGNATURE ONLY REQUIRED FOR OPTION 1</u>
IONIA COUNTY MI	IONIA COUNTY MI
Dated: _____	Dated: _____
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____

If you choose to receive remote access revenue and/or refunds via ACH, please fill in the necessary ACH Details:

Routing Number: _____ Account Number: _____

For Internal Use Only:

CURRENT		
PRODUCT(S)	TERM	EFFECTIVE DATES
CountyFusion	60 mo; 5 years	10/1/2019 – 9/30/2024
CURRENT ANNUAL MAINTENANCE	Annual: \$16,764.00	
Online Copy Rev Share?	\$2.00/ per transaction	
Microfilm:	NO	
Hardware	Not provided	

PROPOSED RENEWAL		
PRODUCT(S)	TERM	EFFECTIVE DATES
CountyFusion	36 mo; 3 year	10/1/2025 – 9/30/2027
Annual Maintenance OPTION 1: 15% increase	Fixed Annual: \$19,278.60	
Annual Maintenance OPTION 2: No increase with Cloud Search add-on	Fixed Annual: \$16,764.00 Cloud Search: \$12,600	
Additional Options	Property Alert	\$2,100/year
	eSubmission	No cost to county to implement
	PDF/A (Historical/Go Forward)	Pricing Pending

**IONIA COUNTY BOARD OF COMMISSIONERS
REQUEST FOR DISCUSSION/ACTION**

Title: Approve Declaration of Restrictive Covenant & Notice to Local Units

Date: February 25, 2025

CONTACT: Linda Pigue, Managing Director

DESCRIPTION: The EGLE investigation and oversight of an underground storage tank leak at the Ionia County Road Commission has been completed other than approving, signing and recording a Restrictive Covenant and Notice to Local Units of government.

The purpose of this Issue Summary is to document the Board's action.

OTHER DEPARTMENTS/AGENCIES AFFECTED:

None.

FINANCIAL ANALYSIS:

None.

LEGAL REVIEW:

Cohl, Stoker & Toskey has reviewed the documents and recommended Board approval.

DEADLINE:

February 25, 2025

SPECIFIC ACTION REQUESTED (PROPOSED BOARD MOTION):

Request the Board approve and authorize the Chairman to sign and have recorded the Declaration of Restrictive Covenant and Notice to Local Units of Government.

ADMINISTRATOR'S RECOMMENDATION:

Interim Administrator recommends approval.

**DECLARATION OF RESTRICTIVE COVENANT
FOR A Restricted Nonresidential CORRECTIVE ACTION**

EGLE Reference No: RC-RRD-213-24-178

This Declaration of Restrictive Covenant (Restrictive Covenant) has been recorded with the Ionia County Register of Deeds to protect public health, safety, and welfare, and the environment by prohibiting or restricting activities that could result in unacceptable exposure to regulated substances present at the Property located at 170 East Riverside Drive, Ionia Township, Ionia County, Michigan 48846 and legally described in the attached Exhibit 1 (Legal Description of the Property). Exhibit 2 (Survey of Property or Survey of Property subject to the land or resource use restrictions specified in this Restrictive Covenant.

The Property is associated with Ionia County Road Department Facility ID 14714 for which a Closure Report (CR) was completed under Part 213, Leaking Underground Storage Tanks, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324.21301 *et seq.* Corrective actions that were implemented to address environmental contamination are fully described in the CR dated September 10, 2024. A copy of the CR is available from the Michigan Department of Environment, Great Lakes, and Energy (EGLE), Remediation and Redevelopment Division (RRD) District Office.

The Property described contains regulated substances in excess of the concentrations developed as the unrestricted residential RBSLs under Section 21304a(2) of the NREPA. EGLE recommends that prospective purchasers or users of this Property undertake appropriate due diligence prior to acquiring or using this Property and undertake appropriate actions to comply with the requirements of Section 21304c of the NREPA.

Part 213 requires the recording of this Restrictive Covenant with the Ionia County Register of Deeds based upon the corrective action measures for the site to: 1) restrict unacceptable exposures to regulated substances located on the Property; 2) assure that the use of the Property is consistent with the exposure assumptions used to develop RBSLs or SSTLs under Section 21304a(2) of the NREPA; and 3) assure the exposure control measures relied upon in the CR are effective.

The restrictions contained in this Restrictive Covenant are based upon information available at the time the corrective action was implemented by Ionia County Road Department. Failure of the corrective action to achieve and maintain the RBSLs or SSTLs, exposure controls, and requirements specified in the CR; future changes in the environmental condition of the Property; changes in the RBSLs or SSTLs developed under Section 21304a(2) of the NREPA; the discovery of environmental conditions at the Property that were not accounted for in the CR; or use of the Property in a manner inconsistent with the restrictions described herein may result in this Restrictive Covenant not being protective of public health, safety, and welfare, and the environment. The adequacy of the corrective action undertaken pursuant to the CR may not have been reviewed by EGLE.

Definitions

For the purposes of this Restrictive Covenant, the following definitions shall apply:

“EGLE” means the Michigan Department of Environment, Great Lakes, and Energy, its successor entities, and those persons or entities acting on its behalf.

“Owner” means at any given time the then-current title holder of all or any portion of the Property.

“Property” means the real property as described in Exhibit 1 (Legal Description of the Property) of this Restrictive Covenant.

All other terms used in this document which are defined in Part 3, Definitions, of the NREPA and Part 213 of the NREPA, shall have the same meaning in this document as in Part 3 and Part 213 of the NREPA, as of the date this Restrictive Covenant is filed.

Summary of Environmental Conditions and Corrective Action

Regulated substances including benzene, toluene, ethyl benzene, xylenes, trimethylbenzenes, n-butylbenzene, and n-propylbenzene were released from an underground storage tank that held gasoline. The gasoline release occurred from a location to the west of the current office building. A second release occurred from a UST that held waste oil resulting in benzene, cadmium and lead contamination of the Property at a location generally to the south of the office building. Soil contamination in the vicinity of the gasoline release, and groundwater contamination near the waste oil release remains present at levels that do not allow unrestricted use of the Property. Specifically, concentrations of regulated substances remain present in the soil and the groundwater in excess of the RBSLs protective of drinking water. This potential exposure risk has been addressed by preventing the use of the groundwater. The potential for vapor intrusion in future buildings has been addressed by requiring engineering controls to protect the indoor air from unacceptable exposures of vapor intrusion.

NOW THEREFORE,

1. Declaration of Land or Resource Use Restrictions.

County of Ionia, as owner of the Property, hereby declares and covenants that the Property shall be subject to the following restrictions and conditions:

a. Prohibited Land Uses: The Owner shall prohibit all uses of the Property as described in Exhibit 2, a Survey of Property that are not compatible with or are inconsistent with the assumptions and basis for the nonresidential RBSLs or SSTLs established pursuant to Section 21304a(2) of the NREPA. Uses that are compatible with nonresidential RBSLs are generally described in Exhibit 3 (Description of Allowable Uses). RBSLs for land use based corrective actions are located in the Government Documents Section of the State of Michigan Library.

b. Prohibited Activities to Eliminate Unacceptable Exposures to Regulated Substances. The Owner shall prohibit activities on the Property as shown in Exhibit 2 (Survey of Property) that may result in exposures above levels established in the CR. These prohibited activities include:

(i.) **Exposure Restriction for Use of Groundwater:**

The construction and use of wells or other devices on the Property to extract groundwater for consumption, irrigation, or any other purpose is prohibited, except as provided below:

(a) Wells and other devices constructed for the purpose of evaluating groundwater quality or to remediate subsurface contamination associated with a release of regulated substances into the environment are permitted provided the construction of the wells or devices complies with all applicable local, state, and federal laws and regulations and does not cause or result in a new release, exacerbation of existing contamination, or any other violation of local, state, or federal laws or regulations.

(b) Short-term dewatering for construction purposes is permitted provided the dewatering, including management and disposal of the groundwater, is conducted in accordance with all applicable local, state, and federal laws and regulations and does not cause or result in a new release, exacerbation of existing contamination, or any other violation of local, state, and federal environmental laws and regulations.

(ii.) **Volatilization to Indoor Air Pathway Exposure Restriction (no buildings):**

The construction of new structures, or modifications to existing structures on the Property identified in Exhibit 2, unless such construction incorporates engineering controls designed to eliminate the potential for subsurface vapor phase regulated substances to migrate into the new structure at concentrations greater than applicable RBSLs or SSTLs; or, unless prior to construction of any structure, an evaluation of the potential for any regulated substances to volatilize into indoor air assures the protection of persons who may be present in the buildings and is in compliance with Section 21304c of the NREPA.

2. Contaminated Soil Management. The Owner shall manage all soils, media, or debris located within the entire Property designated in Exhibit 2 as "Survey of the Property" in accordance with the applicable requirements of Sections 21304b of the NREPA; Part 111, Hazardous Waste Management, of the NREPA; Subtitle C of the Resource Conservation and Recovery Act, 42 USC Section 6901 *et seq.*; the administrative rules promulgated thereunder; and all other relevant state and federal laws.

3. Access. The Owner grants to EGLE and Ionia County Road Department, and their designated representatives, the right to enter the Property at reasonable times for the purpose of determining and monitoring compliance with the CR, including, but not limited to, the right to take samples, inspect the operation and maintenance of the corrective action measures and inspect any records relating to them, and to perform any actions necessary to maintain compliance with Part 213 and the CR. The right of access provided to Ionia County Road Department above is not required under Part 213 for the corrective action to be considered approved. That provision was agreed to by the Owner at the time the Restrictive Covenant was recorded. Accordingly, EGLE will not enforce the Owner's obligation to provide access to Ionia County Road Department.

4. Conveyance of Property Interest. A conveyance of title, easement, or other interest in the Property shall not be consummated by the Owner without adequate and complete provision for compliance with the terms of the CR, and this Restrictive Covenant and prevention of exposure to regulated substances. A copy of this Restrictive Covenant shall be provided to all future owners, heirs, successors, lessees, easement holders, assigns, and transferees by the person transferring the interest in accordance with Section 21310a(2)(c) of the NREPA.

5. Audits Pursuant to Section 21315 of the NREPA. This Restrictive Covenant is subject to audits in accordance with the provisions of Section 21315 of the NREPA, and such an audit may result in a finding by EGLE that this Restrictive Covenant is not protective of the public health, safety, and welfare, and the environment.

6. Term of Restrictive Covenant. This Restrictive Covenant shall run with the Property and is binding on the Owner; future owners; and their successors and assigns, lessees, easement holders, and any authorized agents, employees, or persons acting under their direction and control. This Restrictive Covenant shall continue in effect until it is determined that the regulated substances no longer present an unacceptable risk to the public health, safety, or welfare, or the environment. Improper modification or rescission of any restriction necessary to prevent unacceptable exposure to regulated substances may result in the need to perform additional corrective actions by those parties responsible for performing corrective action at the Property or to comply with Section 21304c of the NREPA.

7. Enforcement of Restrictive Covenant. The State of Michigan, through EGLE, County of Ionia, and Ionia County Road Department may each enforce the restrictions set forth in this Restrictive Covenant by legal action in a court of competent jurisdiction.

8. Severability. If any provision of this Restrictive Covenant is held to be invalid by any court of competent jurisdiction, the invalidity of that provision shall not affect the validity

of any other provision of this Restrictive Covenant, which shall continue unimpaired and in full force and effect.

9. Authority to Record Restrictive Covenant. The undersigned person recording this Restrictive Covenant is the Owner or has the express written permission of the Owner and represents and certifies that he or she is duly authorized and has been empowered to record this Restrictive Covenant.

10. IN WITNESS WHEREOF, County of Ionia, the current and legal Owner of the Property, has caused this Restrictive Covenant, RC-RRD-213-24-178 to be executed on this ____ day of September, 2024.

County of Ionia

By: _____

Name: Jack Shattuck
Print or Type Name

Its: Ionia County Board of Commissioners Chairman
Title

STATE OF Michigan
COUNTY OF Ionia

The foregoing instrument was acknowledged before me this [date] _____ I
by [name of individual] _____, Title _____].

Notary Public Signature

Stamp Name for Notary Public

Prepared by: Timothy B. Woodburne, CPG of Prein&Newhof

When recorded return to:
Tim Woodburne, CPG
Prein&Newhof
3355 Evergreen Drive NE
Grand Rapids, MI 49525

EXHIBIT 1

LEGAL DESCRIPTION OF PROPERTY

Lots 13 and 14 of Plat of South Ionia, according to the plat recorded in Liber 1 of Plats, Page 3 of Ionia County Records, being part of Fractional Section 30, T.7 N. - R.6 W., Ionia Township, Ionia County, Michigan, EXCEPT a parcel of land in Lot 14 described as follows: Beginning at the Northeasterly corner of said Lot 14; thence Southeasterly on the East line of said Lot 14, 298 feet; thence Southwesterly parallel with the North line of said Lot 14, 129 feet; thence Northwesterly parallel with said East line, 298 feet to said North line; thence Northeasterly on said North line, 129 feet to the point of beginning.

EXHIBIT 2

SURVEY OF THE PROPERTY

Spicer Group, Inc.
302 River Street
Manistee, MI 49660
TEL (231) 794-5620
FAX (231) 510-2944
www.SpicerGroup.com

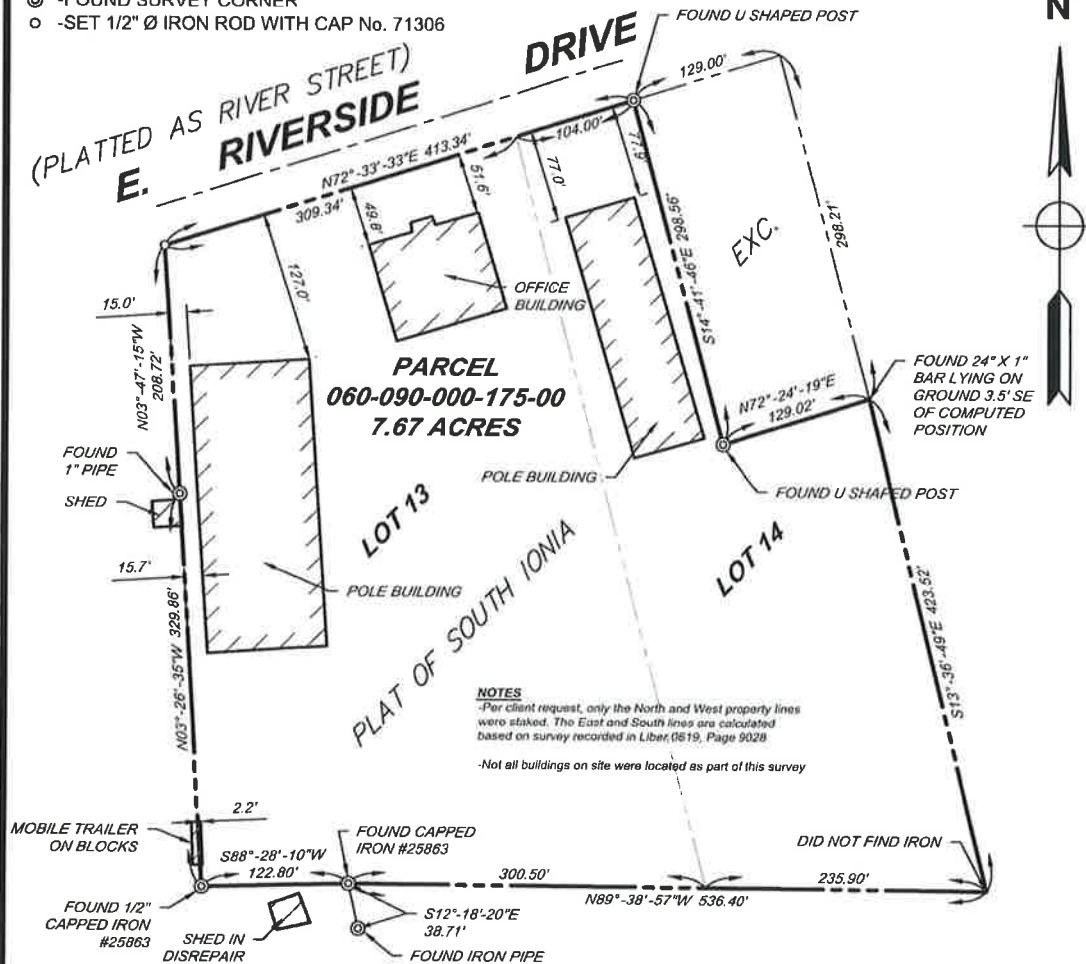


SCALE: 1" = 120'

DWG. NO.: A-29419

LEGEND

- ⊙ - FOUND SURVEY CORNER
- - SET 1/2" Ø IRON ROD WITH CAP No. 71306



SURVEY FOR: AKT Peerless Environmental Services Inc.
C/O Jeff Skendrovic
214 Janes Avenue
Saginaw, MI 48607

DATE: 2-29-2024

SURVEY OF:

Lots 13 and 14 of Plat of South Ionia, according to the plat recorded in Liber 1 of Plats, Page 3 of Ionia County Records, being part of Fractional Section 30, T.7 N. - R.6 W., Ionia Township, Ionia County, Michigan, EXCEPT a parcel of land in Lot 14 described as follows: Beginning at the Northeasterly corner of said Lot 14; thence Southeasterly on the East line of said Lot 14, 298 feet; thence Southwesterly parallel with the North line of said Lot 14, 129 feet; thence Northwesterly parallel with said East line, 298 feet to said North line; thence Northeasterly on said North line, 129 feet to the point of beginning.

I hereby certify that I have surveyed the parcel of land hereon shown and described within the limits accepted by the practice of Professional Surveying.



By:
Jacob P. Los
Professional Surveyor No. 4001071306

Date: 03/05/24

DRAWN BY: CDS
CHECKED BY: JPL

PLOT DATE: 3-5-2024
SHEET 1 OF 1

JOB#: 136073SG2024
DWG#: A-29419

EXHIBIT 3

DESCRIPTION OF ALLOWABLE USES

Nonresidential Land Use: The nonresidential RBSLs or SSTLs are applicable to industrial, commercial, office or retail nonresidential land use categories with potential exposure to adult workers during a business day and potential intermittent exposures of adults and children who are customers, patrons, or visitors to the establishments during a portion of the business day. Industrial uses typically involve manufacturing operations engaged in processing and manufacturing of materials or products. Other examples of industrial uses are utility companies, industrial research and development, and petroleum bulk storage. Commercial uses include any business or income-producing use such as commercial warehouses, lumber yards, retail gas stations, auto dealerships and service stations, as well as office buildings, banks, and medical or dental offices (not including hospitals). Commercial uses also include retail businesses whose principal activity is the sale of food or merchandise within an enclosed building and personal service establishments which perform services indoors such as health clubs, barber or beauty salons, photographic studios, etc.

If the nonresidential land use allows for routine exposures to children, the land use does not satisfy the nonresidential RBSLs. Residential land uses do not satisfy the nonresidential RBSLs. Residential land use may include, but is not limited to, homes and surrounding yards, single family dwellings, multiple family structures, mobile homes, condominiums, and apartments where people live and sleep for significant periods of time. The use of any accessory building or portion of an existing building as a dwelling unit permitted for a proprietor or storekeeper and their families, located in the same building as their place of occupation, or for a watchman or caretaker is also prohibited. Any authority that allows for residential use of the Property as a legal non-conforming is also restricted per the prohibitions contained in this Restrictive Covenant.



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

Remediation and Redevelopment Division

NOTICE TO LOCAL UNIT(S) OF GOVERNMENT OF LAND USE RESTRICTIONS

This information and form is required under Sections 21310a(5) and 21316 of Part 213, Leaking Underground Storage Tanks (LUST), of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

INSTRUCTIONS:

A person that implements corrective action activities that relies on land use restrictions shall provide notice of the land use restrictions that are part of the corrective action plan to the local unit of government in which the site is located within 30 days of filing of the land use restrictions with the county register of deeds. (1) Use this form to provide notice of land use restrictions that are part of the corrective action plan to the Local Unit(s) of Government (LUG). (2) Send the notice to the city, village or township clerk. Provide a copy to the County/District Health Department if groundwater exceeds Tier 1 residential screening levels. (3) Submit a copy of the notice and proof of providing the notice with the Closure Report (EQP4452) to the appropriate RRD District Office identified in form EQP4410. This notice does not constitute a warranty or representation of any kind by the State of Michigan that the corrective actions performed in accordance with this notice will result in the achievement of the remedial criteria established by Law, or that the property is suitable for any particular use.

Name of Local Unit of Government: Ionia Township

Name of Local Unit of Government: Ionia County Health Department

NOTICE TO THE LOCAL UNIT OF GOVERNMENT RECEIVING THIS FORM:

A corrective action plan for the site named below has been developed as a result of a release of regulated substances from an underground storage tank. This form and the attachments are to provide the local unit(s) of government notice of the land use restrictions that are part of the corrective action plan. A copy of the institutional control mechanism(s) in the form of a Corrective Action Notice to Register of Deeds, and/or Restrictive Covenant, and/or alternate mechanism is/are attached. The attached institutional control mechanism(s) describes the land use restrictions and the land where the restrictions apply.

Owner or Operator: County of Ionia

Site Name: Ionia County Road Department

Street Address: 170 East Riverside Drive

City: Ionia State: MI ZIP Code: 48846

Contact Person Linda Pigue

Phone Number: 616-527-1700

Email Address: lpigue@ioniacountyroads.org

Mailing Address: 170 East Riverside Drive

City: Ionia

State: MI

ZIP Code: 48846

Qualified Underground Storage Tank Consultant: Prein&Newhof

Address: 3355 Evergreen Drive NE

City: Grand Rapid

State: MI

ZIP Code: 49525

Contact Person: Tim Woodburne, CPG

Phone Number: 616-364-8491

Email Address: twoodburne@preinnewhof.com

I hereby attest to the accuracy of the statements in this document and all attachments. I further certify that the language on this form has not been modified.

Jack Shattuck

Owner or Operator's Signature

Print Name

Date

If you need this information in an alternate format, contact EGLE-Accessibility@Michigan.gov or call 800-662-9278.

EGLE does not discriminate on the basis of race, sex, religion, age, national origin, color, marital status, disability, political beliefs, height, weight, genetic information, or sexual orientation in the administration of any of its programs or activities, and prohibits intimidation and retaliation, as required by applicable laws and regulations. Questions or concerns should be directed to the Nondiscrimination Compliance Coordinator at EGLE-NondiscriminationCC@Michigan.gov or 517-249-0906.

This form and its contents are subject to the Freedom of Information Act and may be released to the public.

**IONIA COUNTY BOARD OF COMMISSIONERS
REQUEST FOR DISCUSSION/ACTION**

Title: Swap Loader Trucks

Date: February 25, 2025

CONTACT: Linda Pigue, Managing Director & Wes Shafer, Fleet Supervisor

DESCRIPTION:

The Road Department's approved 2024 Capital Outlay Budget contained funding for Two Dump Trucks and on February 27, 2024, the Board approved the purchase of the trucks. We have received the truck chassis, but they have not yet been sent to Truck and Trailer Specialties for outfitting. Rather than outfitting the 2 trucks as standard dump trucks, we would like to have them outfitted as swap loaders.

OTHER DEPARTMENTS/AGENCIES AFFECTED: None.

FINANCIAL ANALYSIS:

The Department's approved 2024 Capital Outlay budget included funding for the standard dump trucks. The 2025 Capital Outlay budget will be able to cover the additional cost of \$197,221 for outfitting as swap loaders.

LEGAL REVIEW: Not applicable.

DEADLINE: February 25, 2025

SPECIFIC ACTION REQUESTED (PROPOSED BOARD MOTION):

Request the Board approve changing the acquisition of 2 two standard dump trucks to 2 swap loaders.

ADMINISTRATOR'S RECOMMENDATION:

Interim Administrator recommends approval.

2025 Dump Truck and Equipment Breakdown

Truck equipped as a swaploader

Cab & chassis	\$145,354.00
Hook lift system	\$140,574.00
V-Box spreader	\$69,785.00
Dump body	\$32,957.00
Total	\$388,670.00 > x2 = \$777,340.00

Additional equipment that will be used between the two trucks

3,200 gallon sprayer attachment	\$45,880.00
14' Flatbed	\$19,993.00
Total	\$65,873.00

Total for two trucks equipped as swaploaders sharing sprayer attachment and 14' flatbed.

\$843,393.00

Truck equipped with RDS box

Cab & chassis	\$145,354.00
Box & all equip.	\$177,732.00
Total	\$323,086.00 > x2 = \$646,172.00

Cost difference between the two trucks with equipment options

\$197,221.00

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.

Dutton, MI. 49316

Phone 616-698-8215, Fax 616-698-0972

Quote No. DQO005559

Ionia County Road Commission

Attn: Wes Shafer

Phone: (616) 902-2549

January 20, 2025



State Contract Hyperlink No: [200000000034](#)

Equipment Quotation

Chassis info: TA Western Star 47X

Supply and install a tandem axle hook lift system including the following:

Hook lift system: SwapLoader Model SL-412

40,000 lbs. dumping capacity

Hooklift shall be able to handle skid-mounted containers/bodies with lengths of 12' – 16'

Hooklift to have a minimum of 57-degree dump angle, on 41" truck frame height chassis

Skid-mounted containers/bodies shall be supported with pair of 6 1/4" minimum diameter

Outside flanged rollers at the rear of the hoist. And be adjustable to accommodate

Bodies/containers with outside subframe rail widths of 40 1/2" or 41 5/8"

Hooklift operation:

The lift shall adjust weight distribution of the container/body horizontally on the chassis while remaining in the body locks and without lifting the container/body rails off of the hoist frame

Hooklift has a dual rear pivot section incorporated into the hoist design to allow for a True dump truck operation, with the container/body secured to the hooklift via Body locks during the entire dump cycle, and increased mounting leverage at The beginning of the container lift cycle

Hooklift jib to reach rearward to the A-frame lifting bar by means of double-articulating Hinge points (dual rear pivot) incorporated into the hoist mechanism

All lift sections shall lock into a common rigid full-length frame to support the Container/body when in dump mode. This must be accomplished by mechanical Operated latches, which lock the mast

Jib lock-out valve to prevent jib operation while in dump mode

Hydraulic Cylinders:

Dump/lift cylinders are double acting, twin cylinders, sided for the unit capacity with dual integral counterbalance valves. Dump/lift cylinders are 5.5" bore, 2.75" rod diameter, and 48" stroke

Telescopic jib cylinder shall be double acting, single cylinder, sized for the unit Capacity with a single counterbalance valve. Jib cylinder to be a 4" bore, 2.5" rod diameter, and a 24" stroke

Hydraulic operating pressure not to exceed 2800 PSI

Mainframe Design:

The mainframe of the hoist is constructed of a "Z" rail configuration

The "Z" rail mainframe is to be a maximum of 10.5" in height and constructed of 1/4" Thick A572 50 KSI steel

Hoist "Z" frame rails to include 8 (four per side) 11 3/4" x 2 3/4" x 1/2" Nylatron wear Pads for container/body support

The Nylatron pad will allow the containers/bodies to slide back and forth horizontally

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.

Dutton, MI. 49316

Phone 616-698-8215, Fax 616-698-0972

Quote No. DQO005559

On the "Z" rail of the hoist with ease

Jib hook design:

Vertical jib is constructed of a 9" x 9" x 1/2" wall square tube of A500 46 KSI steel

Adjustable Jib hook must be adjustable to either 53-7/8" or 61-3/4" hook height

With the Jib hook in the 61-3/4" position, the hook lift shall be able to pick up a body at 22-1/2" below the grade of the A-frame lift bar (assumes 41" truck frame height)

With the Jib hook in the 53-7/8" position, the hook lift shall be able to pick up a body at 8-1/2" below the grade of the A-frame lift bar (assumes 41" truck frame height)

Jib hook is designed to secure container/body to the hoist without the need for a hook latch mechanism to cover the hook opening

Pins:

All hooklift pins are constructed of high-strength CFR steel bar

All pinned connections are greaseable to both lubricate the joint and flush out All contaminants

Body locks:

Hooklift has a passive integral slide through body locks to secure the container/body

Latch plates to the hooklift in dump and transport positions; to accommodate

Different length bodies and to allow for weight distribution changes while

Remaining in the body locks when in transport or dump cycle

Hook lift warranty:

The complete mechanism, including hydraulics, will be factory warrantied to be free of

Defects in material and workmanship for a period of 48 months on Parts, and

12 months on Labor from the date of installation

Supply and install poly fender kits including the following:

Stainless steel mounting brackets

Individual fenders for all 4 drive wheels

Install 34" Hustling type front hitch including the following:

Roller pin kit installed

Formed C channel front bumper with swept back ends

Double acting lift cylinder with Socatri or Nimet rod

Install chain holder rods on truck side of rear bumper, one each side

Tow hooks mounted to kicker legs under the front bumper

Weld on a section of square tubing to the end of the pin release lever, includes

install a 1" diameter stainless steel dowel that can be used as a cheater bar

to aid in installation/removal of front plow attachment – see picture for

reference, dowel to be 24" long from end of dowel to the first washer

No stirrup steps below front bumper

Monroe model MS4512 underbody scraper including the following:

Scraper will be rolled for bottom of moldboard mounted cylinders

Two (2) 4" power-reverse cylinders with 2" Socatri or Nimet rods

Two (2) 3-1/2" actuating cylinders with 2" Socatri or Nimet rods

All cylinders have poly pack seals

1" circle with 5" greaseable center bolt

Circle includes a welded in hardened bushing

1" x 20" x 12" moldboard 6 in cutting edges

2" clevis bosses on power-reverse cylinders

Contoured circle clamps with poly-type wear pads

Three (3) reinforced moldboard hinges with gussets

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.

Dutton, MI. 49316

Phone 616-698-8215, Fax 616-698-0972

Quote No. DQO005559

3/8 in pipe and hoses for faster scraper actuation

Hinge Shaft is 2.5" cold-rolled round stock

Moldboard hinges are constructed of 3/8" wall DOM tubing

Adjustable J-50 relief valve is included

Cushion valve for power-reverse circuit is included

Heavy duty trip springs will be installed

Install 12" x 12" bar grating step to the streetside of the scraper moldboard to be used as a step

Both upper corners of the scraper moldboard to be cut at a 45-degree angle - 4" x 4"

No grease line kit

Monroe 9 ft mid mounted right-hand patrol wing including the following:

Paraglide front wing post

Moldboard height is 33", moldboard length is 108"

Captive style moldboard/banjo plate assembly

Moldboard construction is 3/16" steel continuous welded

Moldboard is break formed and powder coated orange in color

Paraglide post mounted behind the scraper with side plates attached to both frame rails

Wing includes two rear mounted cushioned push arms

Heel cylinder is mounted at the rear

"D" type rubber bumper stops

Safety chain/ pin at rear

Rear wing post to be removeable

5" x 7" rear cross tube for rear wing support

Sequencing valve with hoses and couplers

Reverse curved cutting edge is included

Stainless steel bracket mounted at end of wing to flush mount a dual Mpower LED
amber/green flasher facing rearward

24" Green LED gel-filled Tribal Whip mounted horizontally on end of wing

Wire the wing mounted lights so they go off when the wing is in the stowed position,
includes proximity switch

No grease line kit

Install hitch plate at the rear of the chassis frame for future hitch including the following:

3/4" thick hitch plate at the rear reinforced with 1/2" thick side plates

Install tow hooks on sides of rear hitch plate, one each side

Reinstall factory provided 7-way round trailer plug

Reinstall factory provided air provisions – Location to be determined

Behind the cab combination fuel and hydraulic tank including the following:

Monroe tank # 00149385

7 ga. 201 stainless steel construction

120-gallon fuel capacity, 30-gallon hydraulic oil capacity

4" ship and car channel mounting brackets

Fuel/hydraulic tank/ is 1-piece construction

Solid state sending unit for fuel gauge

Suction strainer in supply line

Low oil sensor in hydraulic tank and wired to a red light on the dash

Top of the tank Zinga return line filter

Ball valve shut offs on fuel tank ports

Ball valve shut off on case drain and supply ports

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.

Dutton, MI. 49316

Phone 616-698-8215, Fax 616-698-0972

Quote No. DQO005559

Sight and temperature gauge

Hydraulic tank will be full of AW32 hydraulic oil

Install stainless steel J-hook on fuel tank to aid in refueling

Install Central Hydraulic system including the following:

Rexroth 140CC piston pump

Low oil shut down block with over-ride switch

The pump will be fitted with split flange adapters on both the supply and pressure port

The driveline will be a Spicer 1310 series and will be mounted with companion flange so it can be removed without removing the pump

Rexroth 10M4-12 valve with the following:

4-way air-controlled motor spool section for SwapLoader hoist up/down, 34 GPM

4-way air-controlled cylinder spool section for SwapLoader jib up/down, 19 GPM

4-way air-controlled section for scraper up/down, A&B port LSR, 16 GPM

4-way air-controlled section for scraper swing, A&B port LSR, 16 GPM

4-way air-controlled section for front plow up/down, A&B port LSR, 16 GPM

No front plow swing circuit

Closed center Mid-inlet section

4-way air-controlled motor spool section for wing up/down, A&B port LSR, 19 GPM

4-way Electric proportioning section for A-I/auger, A&B port LSR, 19 GPM

4-way Electric proportioning section for cross conveyor, A&B port LSR, 15 GPM

3-way Electric proportioning section for the spinner, B port LSR, 8 GPM

3-way Electric proportioning section for prewet, B-port LSR, 8 GPM

System pressure for hoist and jib is 3600 psi

Each valve section is individually pressure compensated

Valve will be installed in a frame-mounted stainless-steel valve enclosure

8-port return line manifold

All necessary hoses and fittings will be Parker 451 type

Stainless steel quick couplers for V-box, cross auger, spinner, prewet, anti-ice/dust control, and return oil circuits - attachments mounted to a stainless-steel quick connect panel located on the driver's side just behind the combo tank

Stainless steel quick couplers with jumper hose for wing mounted at the rear

Install Apsco air controls with console in the cab order of levers as follows left to right:

Wing – push down, pull up

Hoist -push down, pull up

Scraper – push down, pull up

Plow – push down, pull up

Scraper – push for discharge left, pull for discharge right

Jib – push in, pull out – **Jib lever installed separately from above levers**

Install Dickey-john Control Point model CP Basic sander controller including the following:

No calibration keyboard included

Granular and liquid valve drivers

Remote control switch panel, installed at the right-hand rear corner of the center console
At approximately a 60-degree angle on a bracket to prevent drinks from spilling onto it

No Ground speed on/off switch - Delete and program Dickey John

Training is included

Custom lighting and electrical including the following:

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.

Dutton, MI. 49316

Phone 616-698-8215, Fax 616-698-0972

Quote No. DQO005559

Truck Lite Halogen plow lights with hood mounted aluminum plow light brackets at **80"** to the base wired to factory supplied plow light harness

SoundOff LED nROADS #ENRLBS148 48" amber/green light bar permanently mounted on the roof of the cab, program so rear facing lights on light bar do not illuminate

Install two 3-oval-hole stainless steel light boxes horizontally behind the fenders, one each side
Oval hole cutouts to house:

Outside position: SoundOff LED 6" oval stop/turn taillights

Middle position: SoundOff # ENFSLSRV12 LED 6" oval amber/green flashers

Inside position: SoundOff # ECVO62B2W LED 6" oval backup lights

3/4" marker lights mounded on the outer corners of each light box

3-light cluster mounted at rear above hitch

One (1) Maxxima LED work light for wing, mounted curbside behind cab

Two (2) Maxxima LED work lights for scraper, one each side

Wired Rite switch box with labels for the following:

Body up, tarp open, tarp close, air trip tailgate, auger left, spinner, auger right, conveyor speed, conveyor on, low oil, and low oil shutdown.

Wired Rite switch box to be mounted under the Dickey-John controller

SS100 Relay with potentiometer switch, switch to be mounted in Wired Rite box

Velvac air switch for divertor chute

Proximity switch for body up light

Install Flaming River battery disconnect switch with timed delay, includes 3/4" LED indicator light installed to the streetside lower cab corner

Battery switch to be dash mounted on the left-hand side of the steering column

Betts junction box

Back up alarm

7-way wiring mounted behind the combo tank to be wired with a jib/hoist override, so any time an attachment is plugged into the 7-way plug, the jib and hoist functions will be disabled

7-way wiring mounted streetside rear to be wired with a jib override, so any time an attachment is plugged into the 7-way plug, the jib function is disabled

Tarp wiring routed to the streetside rear and includes a flip-top two-pole plug

Air line for use with air-tailgate routed to the streetside rear, includes 1/4" quick coupler

Install Road Watch temp sensor and 466494100S1 convertor harness for use with Dicky-John spreader controller

Install MS Foster camera system including the following:

VOM719WP - 7" LCD Color monitor mounted in cab, customer to determine location

Waterproof w/ 4 camera inputs

Single/Split/Quad view modes

Built in Speaker

VOSHD6MNT - Double knuckle monitor mount

VCMS24B - Black, High-Performance Camera with Color Optics,

Waterproof, IR Low Light Assist, Microphone, Corrosion Resistant, Mirror/Normal

MSF5000 - Stainless Steel Camera Box with standard adjustable Mount, installed on the top side of the curbside rear light box

CEC50L1 - Loomed 50 ft cable

No camera wash

Miscellaneous:

Paint hoist, front hitch/bumper, rear hitch plate, and any unpainted metal Black in color

Put unit numbers on the wing and removeable wing post

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.

Dutton, MI. 49316

Phone 616-698-8215, Fax 616-698-0972

Quote No. DQO005559

Chassis modifications:

Relocate DEF tank as needed (Chassis was ordered with the DEF tank mounted streetside behind the cab in lieu of streetside behind the front fender)

Above installed Price: \$140,574.00 ea.

Option #1: Add Rustproofing including the following:

Rustproof Chassis frame inside and out from behind the cab rearward,
including cross members and rear axle housings

Option #1 Price Add: \$1,098.00 ea.

Option #2: Install V-box Spreader attachment (Quote No. DQO005561)

Monroe MCV-168-95-62 skid-mounted dual auger V-box including the following:

Dual 7" augers with planetary gear boxes,
(augers to have hardened flights)

Application rate sensor in one motor

Auger drive motors installed at the front of the V-box

24.9 CI hydraulic motors with 3.6:1 planetary gearbox

Bolt-on mild steel top screens with H-beam support

Adjustable inverted "V"

Hopper length is 168"

Hopper width is 95"

Side height on hopper is 62"

2' sloped front with doghouse cutout

The sides are 10 ga. type 201 stainless steel with 45-degree sloped sides

The body longitudinal is 7 ga. type 201 stainless steel

201 stainless steel construction, un-painted

Body is 100% continuously welded

7 gauge 12" x 18" feed gate with self-locking screw type jack

Auger trough is 7 ga. type 201 stainless steel

3/16" replaceable 201 stainless steel floor

7-gauge 201 stainless bolt in chain shields

2" double crimped top edge

1 H.D. lift loop at each corner, 4 total

Front bearing grease extensions to the side

Stainless steel fold down ladder installed streetside rear of V-box

Install stainless steel T&T air deflector at rear

Install Galvanized skid assembly with poly liner on top side, 53-7/8" hook height

Monroe 54" galvanized leg kit with rollers at rear

Two 3-oval-hole stainless steel light boxes installed at rear, one each side, rear facing

Hydraulic circuits plumbed from the front to the rear of body in stainless steel pipe

Hydraulic circuits will be equipped with stainless quick connections and jumper hoses

Monroe closed loop hydraulic Pre wet system including the following:

Bronze 7 GPM hydraulic gear pump mounted in a fiberglass enclosure

Dickey-John flow meter

Two (2) 100-gallon poly pre-wet tanks with stainless steel mounting hardware, one per side,

Prewet tanks to be mounted as far forward as possible

Tanks are UV stabilized and are rotationally molded with .350 wall thickness

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.

Dutton, MI. 49316

Phone 616-698-8215, Fax 616-698-0972

Quote No. DQO005559

Install additional ball valve shut off to balance fill of both tanks
Bulk fill kit, pump flusher kit, tank crossover connect kit, and remote vent kit included
Install wiring to the flow meter
Install hydraulic hoses to the prewet pump
Liquid spray bar installed in the auger trough

Install MS9612 cross auger assembly including the following:

201 Stainless steel construction
Stainless spinner housing with 24" poly spinner disc
Drop chute assembly to fit V-box
9" auger assembly, 6" width of flighting
28 CID drive motor mounted on the curb side
Drop chutes on each end
Includes all necessary hydraulic couplers & stainless piping installed down the side of the V-box

Custom Lighting and Electrical to include the following:

SoundOff #EPL7PDPC LED amber/green mini light bar mounted above the cabshield on the left hand side with a fixed stainless-steel mounting bracket, including a stainless-steel brush guard
3-oval-hole stainless steel light boxes to house one each side:
Top position: SoundOff LED amber/green flashers #ENFSLSRV12
Middle Position: SoundOff LED stop/turn/taillights
Bottom Position: SoundOff LED backup lights
Two (2) Maxxima LED Work lights for spreader, one each side of the V-box
Betts junction box for wiring termination installed streetside rear of V-box
Wiring for lights and feedback sensor will be run down the side to the rear mounted junction box
Wiring for lights and sensor in the front of the body will include a 7-way plug
Plug for lights and sensor mounted in the front by the quick connect panel for hydraulics

Install MS Foster camera system including the following:

VCMS24B - Black, High-Performance Camera with Color Optics,
Waterproof, IR Low Light Assist, Microphone, Corrosion Resistant, Mirror/Normal
MSF5000 - Stainless Steel Camera Box with standard adjustable Mount, installed at the rear of the V-box
Camera wiring to be routed down the streetside of the V-box and to include a plug-in port at the quick connect panel for hydraulics
CEC50L1 - Loomed 50 ft cable
No camera wash

Miscellaneous:

Conspicuity tap installed along both sides of the top of the V-box, as well as the rear side of the V-box mounted air foil
Put unit number on the V-box attachment (or cross auger)

Option #2 Price Add: \$69,785.00 ea.

Option #3: Install Dump Body attachment (Quote No. DQO005562)

Crysteel Select 14' stainless steel skid mounted hook loader dump body including:

Body: 14' L 84" I.D. 96" O.D.
Built on a 53-7/8" hook skid assembly
Front style: straight, height 50", material 7 ga. 201stainless steel
Custom integral cab shield, approx. 12" extension, includes cut-out to allow for

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.

Dutton, MI. 49316

Phone 616-698-8215, Fax 616-698-0972

Quote No. DQO005559

clearance of the SwapLoader hook when loading/unloading

Side Style: Single panel with rubrail/pressed horizontal

Side height: 44" front/ rear, material 7 ga. 201 stainless steel

Tailgate height: 50", material 7 ga. 201 stainless steel

Rear pillar width: 18"

9 panel tailgate, 3-1/2" thick, air operated, brake chamber style tailgate release

Floor material: 1/4" AR450

Frame material: A36 steel

Frame Style: 6" channel

Body is 100% continuously welded

6" x 10" rollers at rear

Chain slot bracket type: banjo

3 rear facing oval light hole cutouts in each rear body pillar

Install fixed stainless steel two-step ladder, streetside rear

Air line for use with air operated tailgate routed to the street side rear for use with

body mounted airline connection for tailgate release

Install Roll-Rite electric tarp system including:

Aluminum wind deflector

Aluminum tarp arms and tension bow

No elbows – To be determined

4-spring pivot arms

18' heavy duty premium mesh tarp cover

Wiring for tarp plug routed to the streetside rear for use with body mounted tarp plug

Custom Lighting and Electrical to include the following:

SoundOff #EPL7PDPC LED amber/green mini light bar mounted above tarp on the left hand side of the cab shield with a stainless-steel swivel bracket, includes a stainless-steel brush guard

Rear pillar oval light hole cutouts to house one each side:

Top position: SoundOff LED amber/green flashers #ENFSLSRV12

Middle position: SoundOff LED stop/turn/taillights

Bottom position: SoundOff LED back up lights

Betts junction box for wiring termination

7-way plug for body mounted lighting routed to the streetside rear

Air line for use with air tailgate release routed to the streetside rear

Paint/Miscellaneous:

Stainless steel to remain bare/unpainted

Underside of dump body to be painted Black in color

Two rows of Conspicuity tape installed on the sides and rear of the Dump body,
one along the top rails and one along the bottom rails

Put unit number on dump body attachment

Option #3 Price Add: \$32,957.00 ea.

Add rustproofing to underside of Dump body: \$575.00 ea.

Option #4: Install Sprayer attachment (Quote No. DQO005563)

Install skid mounted single lane Anti Ice system with single lane Dust control system including:

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.

Dutton, MI. 49316

Phone 616-698-8215, Fax 616-698-0972

Quote No. DQO005559

Built on a 53-7/8" hook skid assembly

3,250-gallon tank with center baffle system that is rated 1.7 specific gravity

Tank includes stainless steel hoops and a 16" manhole dome cover with lanyards

Tank to be set up for top-fill

Side mounted ladder to manhole is included, with extra-long (47") lower tread ladder weldment

Hold-down brackets on the street side to attach hydraulic plumbing and wiring

Galvanized mild steel skid with 53-7/8" hook height

Galvanized leg kit at the rear with roller

Front mounted drain

2' Cam lock fittings that allow operator to switch from dust control to anti ice

Spray system includes 2" full-flow boom valve

Boom valve shall open and close based on ground speed

Product pump is a 9306S-HM5C

Anti-ice spray system includes:

Anti-ice Flow meter is Raven model RFM-100

Anti-ice boom is constructed of 1-1/2" 304 stainless steel pipe

Anti-ice spray boom includes straight stream nozzles

Dust control system includes the following:

Dust control unit flow meter is raven RFM 200

Dust control spray bar is 96 "wide 2" stainless steel pipe

15 replaceable fan nozzles rated for up to 20 GPM/min

Stainless steel hand winch for use with raising/lowering spray bars, includes fabricate and

install stainless steel mounting and support bracketry as needed

includes a 2" x 2" x 3/16" stainless steel cross tube bolted to the spray bar adjustment

legs above the spray bar with SS U-bolt for use with hand winch

Fabricate and install additional stainless-steel tube supports for use with securing the spray bar

adjustment arms to the A-frame longsills, including fabricate and install gusseted

supports to be bolted to the A-frame longsills with stainless steel mounting hardware

Two 3-oval-hole stainless steel light boxes to the rear side of the spray bar mounting

bracketry, rear facing, mounted vertically, one each side

Hydraulic circuits plumbed from the front to the rear of body in stainless steel pipe

Hydraulic circuits will be equipped with stainless quick connections and jumper hoses

Custom Lighting and Electrical to include the following:

3-oval-hole stainless steel light boxes to house one each side:

Top position: SoundOff LED amber/green flashers #ENFSLSRV12

Middle Position: SoundOff LED stop/turn/taillights

Bottom Position: SoundOff LED backup lights

Wiring for lights and feedback sensor will be run down the side to the rear mounted junction box

Wiring for lights and sensors in the front of the body will include a 7-way plug

Plug for lights and sensors mounted in the front by the quick connect panel for hydraulics

Miscellaneous:

Put unit number on spray attachment

Option #4 Price Add: \$45,880.00 ea.

Lead time: 16 – 18 Months ARO

Payment Terms: Net 30

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.
Dutton, MI. 49316
Phone 616-698-8215, Fax 616-698-0972
Quote No. DQO005559

Pricing good for: 30 days

Dealer requirements:

139" CT

70" minimum rear frame overhang
Plow light/headlight switch with wire harness run to hood
24" integral front frame extension
Omit front bumper
Front of engine PTO
Stationary Grille
24" ground clearance package
Temporary fuel tank, mounted ~~forward~~ rearward
Air tanks mounted for maximum ground clearance
Behind Cab/Vertical mounted DPF and SCR
~~DEF tank mounted behind front fender on drivers' side~~ streetside aft
Battery box mounted passenger seat
~~Flaming River battery disconnect~~ No battery shutoff T&T to install
Minimum of Six factory hardwired dash mounted upfitter switches
Column mounted transmission selector
Trailer 7-way round wiring, and receptacle
Air brake provisions, with glad hands

Changes from previous builds:

Added stainless steel cheater bar to front hitch
Dickey-John remote control switch panel, installed at the right-hand rear corner of the center console at approximately a 60-degree angle on a bracket to prevent drinks from spilling onto it
Added rustproofing option
Added Roller pin kit for front husting hitch
Added bar grating step to streetside of scraper moldboard
Cut a 45-degree angle into both upper corners of the scraper moldboard
Dual SoundOff Mpower amber/green strobe light mounted at end of wing in lieu of 6" oval installed in a stainless-steel lightbox
Added a 24" green LED tribal whip mounted horizontally at the end of the wing moldboard
Wire the wing mounted lights so they go off when the wing is in the stowed position, includes proximity switch
Added Flaming River timed delay battery shut-off with in-cab switch and LED indicator light on the lower streetside corner of the cab
Added Road Watch temp sensor wired to Dicky John spreader control head
Chassis modification to relocate the DEF tank as needed as it was not ordered behind the streetside front fender

Thank you for the opportunity to quote

Submitted by:
Chad Veenstra/Mike Bouwman

Truck & Trailer Specialties

3286 Hanna Lake Ind. Park Dr.
Dutton, MI. 49316
Phone 616-698-8215, Fax 616-698-0972
Quote No. DQO005696

Ionia County Road Commission
Attn: Wes Shafer
Phone: (616) 902-2549
February 6, 2025



State Contract Hyperlink No: [200000000034](#)

Equipment Quotation

Chassis info: TA Western Star 47X, SwapLoader Model SL-412

Supply 14ft x 96" ID/101OD custom flatbed including the following:

- Body will be built on SwapLoader skid assembly
- 18" tapered ramp installed with 4 rear 4" x 6" rollers- one on each end, two mounted inboard
- Deck is constructed of 1/4" treadplate
- 8 heavy duty D-rings, one in each corner then center long outside of deck, spaced from the outside of the deck as if stake racks will be used
- Construction includes 2"x 3/8" outside tie rail will be installed
- 50" front bulkhead with the bottom 24" solid steel and the top 24" includes a slotted window
- Exterior stake pockets with outside tie rail
- Flatbed painted gloss black
- No taillights
- Standard marker light holes for (4) 3/4" lights, one in each corner
- LED Marker light kit is included and installed with a plug for hookup
- Includes wire a jib disable circuit into the electrical plug

Miscellaneous:

- Install PH45 pintle hook to rear hitch plate, mounting height to be determined
- Fabricate and install bolt-on 6" ICC rear bumper to allow use of 14' flatbed with an 18" beaver tail, (like Berrien Co)
- Bolt-on ICC bumper and related bracketry to be painted black in color
- Put unit number on flatbed attachment

Above Installed Price: \$19,993.00 ea.

Lead time: 12-16 Weeks for Flatbed (Hitch items to be ordered at same time as truck order)

Payment Terms: Net 30 Days

Pricing good for: 30 days

Thank you for the opportunity to quote

Submitted by:
Chad Veenstra/Mike Bouwman

Road Department				
	<i>Estimate/Request to Purchase During</i>			
<i>Rank</i>	<i>Description</i>	<i>2025</i>	<i>2025 Revised</i>	
1	Two Dump	\$ 620,000.00	\$ 843,000.00	
2	Refurbish 1	\$ 165,000.00	\$ 165,000.00	
3	Refurbish 1	\$ -		
4	Hi-Lo	\$ 10,000.00	\$ -	
5	Excavator w	\$ 375,000.00	\$ 400,000.00	
6	Skid Steer	\$ 110,000.00	\$ -	wait & se if lease is terminated
7	Loader	\$ -	\$ -	
8	Motor Grad	\$ -		
9	Shop Servic	\$ 150,000.00	\$ 150,000.00	
10	Tractors/Mc	\$ -	\$ -	
11	Van/pickup	\$ 140,000.00	\$ 93,000.00	revised to 2 pickup trucks
12	Misc equipn	\$ 120,000.00	\$ 120,000.00	using \$10,000 for Skid Steet Hammer
13	Dump Trucl	\$ -		
14	Bucket Tree	\$ 350,000.00	\$ 170,000.00	
15	Total	\$ 2,040,000.00	\$ 1,941,000.00	

**IONIA COUNTY BOARD OF COMMISSIONERS
REQUEST FOR DISCUSSION/ACTION**

Title: Skid Steer Hammer

Date: February 25, 2025

CONTACT: Linda Pigue, Managing Director & Wes Shafer, Fleet Supervisor

DESCRIPTION:

The Road Department's approved 2025 Capital Outlay Budget included \$120,000 for miscellaneous equipment. We would like to use \$10,000 of that to acquire a Skid Steer Hammer. This attachment will permit greater effectiveness and efficiency while reducing work related injuries. We foresee the need for this type of equipment increasing significantly in 2025 & 2026 due to the condition of I-96. The Department obtained 3 quotes with Michigan CAT being the low quote.

OTHER DEPARTMENTS/AGENCIES AFFECTED: None.

FINANCIAL ANALYSIS:

The Department's 2025 equipment budget includes funding for this .

LEGAL REVIEW: Not applicable.

DEADLINE: February 25, 2025

SPECIFIC ACTION REQUESTED (PROPOSED BOARD MOTION):

Request the Board accept Michigan CAT's quote of \$9,535.07 for a Skid Steer Hammer.

ADMINISTRATOR'S RECOMMENDATION:

Interim Administrator recommends approval.

1

Wes Shafer

From: Tim Molis <Tim.Molis@michigancat.com>
Sent: Tuesday, February 11, 2025 10:14 AM
To: Wes Shafer
Subject: CAT H55S Skid Steer Hammer Quote
Attachments: Ionia County Road Commission H55S Quote.pdf; SSL Hammers.pdf

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Wes,

Please see the attached quote and brochure for the CAT H55S Hammer. The H55 comes with amoil and chisel point / mounting bracket / and connecting lines. I've added a chisel point to the quote as well. Any questions don't hesitate to reach out.

Thanks!

Tim Molis
Heavy Equipment Territory Sales Rep
616-279-8164
tim.molis@michigancat.com





Feb 11, 2025

IONIA COUNTY ROAD COMMISSION
PO BOX 76
Ionia, Michigan 48846

Attn: Wes Shafer

Thank you for this opportunity to quote Caterpillar products for your business needs. We are pleased to quote the following for your purchase consideration.

One (1) New Caterpillar Work Tools with all standard equipment in addition to the additional specifications listed below:

MACHINE SPECIFICATIONS

SKID STEER LOADER WORK TOOLS
MOIL & CHISEL POINT INCLUDED WITH HAMMER
HAMMER, H55S

LINES, H55-H65, SSL
BRACKET, SSL, MD-LG
TOOL, SPADE TRANSVERSE, H55

WARRANTY & COVERAGE

Standard Warranty: Standard Manufacturer's Warranty

Sell Price	\$9,535.07
Total Net Purchase Price	\$9,535.07

Terms: Net Cash Pricing / Units Available In Stock

Thank you for your interest in Michigan CAT and Caterpillar products for your business needs. This quotation is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me.

Sincerely,

Tim Molis
Machine Sales Representative
Tim.Molis@michigancat.com
616-279-8164

H MODEL HAMMERS

SKID STEER LOADERS · COMPACT TRACK LOADERS
BACKHOE LOADERS · MINI HYDRAULIC EXCAVATORS

Models

H35s, H45s, H55s, H65s, H80s, H95s (Silenced)

Machine model availability and attachment vary by region. Contact your local Cat® dealer for exact compatibility and availability.



Cat® H Hammers are designed for optimum performance and integration with your Cat compact construction equipment. Cat Hammers are suitable for use in a wide range of construction and general demolition applications – such as breaking concrete sidewalks and driveways, pavement, roads, masonry, site prep and landscaping, and breaking frozen ground for utility repairs. Each H model of hydraulic hammers are silenced providing a lower overall noise level on job sites.

FEATURES



SILENCED

Fully enclosed, silenced housing lowers overall noise level for a quieter job site. Internal power cell is protected, designed and engineered to eliminate stress points.



AUTO SHUT OFF (ASO)

ASO instantly stops the piston when breaking through material, preventing blank firing, a key contributor to hammer wear, the hammer is protected regardless of operator skill level.



TRI-SUSPENSION SYSTEM

Tri-suspension system aligns power cell providing a manageable, smooth performance. System is comprised of suspension jacket and the upper and lower buffers.



STANDARD 2 YEAR WARRANTY

Standard 2 year warranty gives you piece of mind when purchasing a quality Cat hammer.



HOSE PROTECTION

Hose routing protects against force and dirt during impact, eliminating downtime.



STANDING HEIGHT GREASE POINT

Standing height grease point makes required maintenance comfortable and easy to perform.



TOP MOUNT STYLE HAMMERS

Top mount style hammers provide a larger work area and excellent operator visibility with a common footprint and hole pattern for optimum versatility. Top mount style increases impact power by keeping breaker force and stick force in line. A top mount bracket will transfer back significantly less recoil and bending stress into the end of the stick, resulting in reduced impact on machine structures. A full complement of mounting brackets are available to suit coupler or pin-on preference.



INCLUDED WITH EACH HAMMER

Each hammer comes with two tools and a tool bag. The tool bag contains standard service items to help maintain the hammer.

H MODEL HAMMERS

ANATOMY

- ① **Tri-Suspension System** – This unique suspension system on the silenced models comprises the suspension jacket, the upper and lower buffers. Suspension aligns the power cell and gives manageable, smooth performance.
 - + ①a **Upper and Lower Buffers** – Buffers at both ends of the power cell absorb reflective forces, isolating them from the machine. Result is quiet, reliable operation and reduced operator fatigue.
 - + ①b **Suspension Jacket** – The front head is isolated by the two-piece suspension jacket, which dampens vibration and sound. A lower dBa allows the hammer to be used in urban and other noise restricted areas.
- ② **Auto Shut Off (ASO)** – Instantly stops the piston when breaking through material. Prevents blank firing, a key contributor to hammer wear. Internal stresses are reduced, providing more productive hours of work. Hammer is protected, regardless of operator skill level.
- ③ **Plug and Perform** – Designed for convenient installation on Cat machines.
 - + ③a **Ports positioned for hose protection** – Improved routing eliminates downtime from breakage.
 - + ③b **No adjustment necessary** for hydraulic pressures or flows. Hammer handles full auxiliary flow and pressure, automatically adjusting to match your Cat machine. Hammer over speeding and shortened service are prevented.
- ④ **Simple, Elegant Design** – 47% fewer parts (compared to previous models) provides quick, easy maintenance and service.
 - + ④a **Single Piece Piston Sleeve** replaces easily.
 - + ④b **Easy-to-remove Seal Carrier** provides maximum gas retention and reliable performance. New design incorporates innovative technology, with five gas retention seals on the power chamber.
 - + ④c **Single Bushing Design** is slip fit and field replaceable. One piece provides proper tool alignment (includes lower and upper bushing and thrust ring).
 - + ④d **Integral Accumulator** on H55s and H65s provides additional protection for the machine's hydraulic system.
 - + ④e **Valve Body and Front Head** – Power cell is efficiently designed, with only two major components. They are held together by head bolts rather than tie rods. Bolts are simpler to install and service.



H MODEL HAMMERS BRACKETS

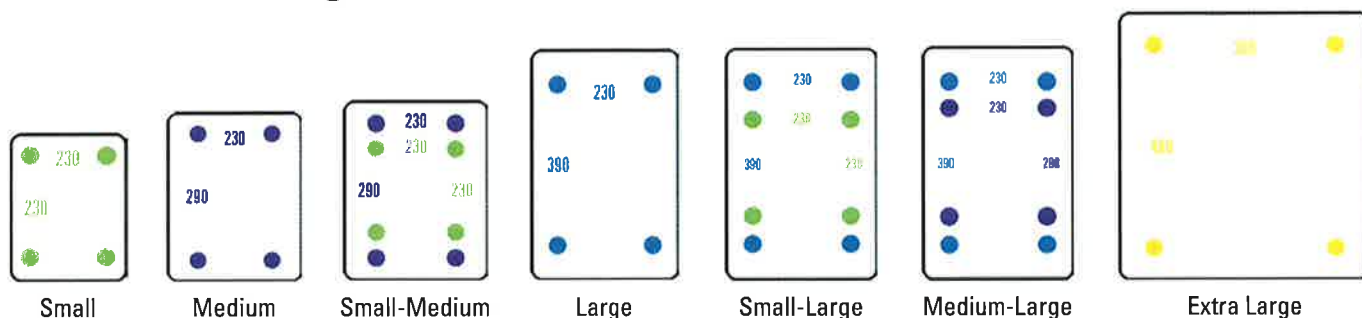
All Cat hammer brackets are interchangeable with B model hammers, H model hammers and vibratory plate compactors (CVP). Brackets are identified by size to help with matching. For example, the small-medium bracket has holes for 230 mm × 230 mm and 230 mm × 290 mm. It will accept B1, B2, B4, H35, and H45 Hammers as well as CVP16 and CVP28.

H35s and H45s = Medium Mounting Pattern

H55s and H65s = Large Mounting Pattern

H80s and H95s = Extra Large Mounting Pattern

Bracket Hole Configurations



Hammer Bracket Interface Types



Skid Steer Loader Bolt-On



Skid Steer Loader (SSL)/Mini Excavator (MHE) Pin On



Pin On (pin grabber)



Pin On (tuck) Backhoe Loader (BHL)



CW



S Type



Pin Lock

H MODEL HAMMERS

CONFIGURATIONS

How to configure a hammer for your needs:

1. Choose hammer (based on machine type)
2. Choose bracket (that matches your hammer and machine)
3. Choose correct jumper lines for your machine

Mini Hydraulic Excavators/Backhoe Loaders



Skid Steer Loaders/Compact Track Loaders/Mini Hydraulic Excavators (3-6 ton)

The Cat SSL/MHE pin on hammer bracket is designed to facilitate quickly changing between MHE and SSL machines. When used with the appropriate pin on top mount bracket, this bracket will allow hammers to be switched between 3-4 ton and 5-6 ton MHE and compact track loader (CTL) and SSL machines *without the use of wrenches*.



Both configurations above require the same set of hydraulics lines. Lines for the skid steer bracket will be long enough to work for all applicable mini hydraulic excavator setups.

H MODEL HAMMERS

AVAILABLE TOOLS

MOIL



A general purpose tool where the point improves speed of penetration. For use on pavement, concrete, bed rock, hard rock, and trenching.

CHISEL (Cross Cut)



Aids in creating a controlled and accurate fracture line. For use on pavement, concrete, bed rock, trenching, operating on slopes, and cutting lines.

SPADE (Transverse)



Used specifically for cutting asphalt and other soft materials, it is also good at cutting lines.

COMPACTION PLATE



Ideal for compacting soil, gravel and other materials.

BLUNT



The blunt tool helps shatter with vibration instead of penetration. For use on concrete, bed rock, trenching, operating on slopes, and cutting lines.

CHISEL (Parallel)



Aids in creating a controlled and accurate fracture line. For use on pavement, concrete, bed rock, trenching, operating on slopes, and cutting lines.

SPADE (Parallel)



Used specifically for cutting asphalt and other soft materials, it is also good at cutting lines.

H MODEL HAMMERS

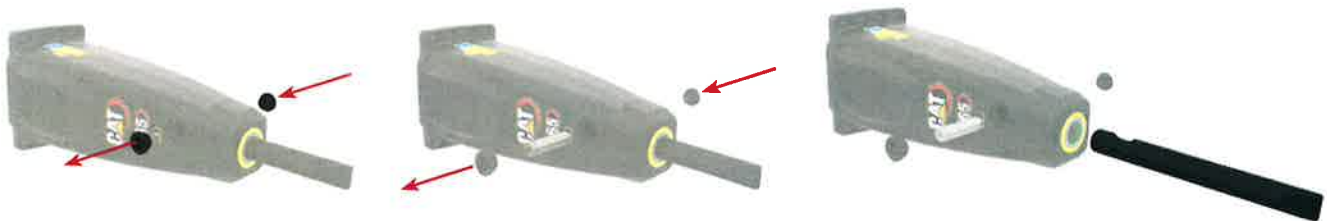
THE RIGHT TOOL FOR THE JOB

Road Building/Construction	H35s	H45s	H55s	H65s	H80s	H95s
Breaking of road surface	CH, M, S	CH, M, S	CH, M, S	CH, M, S	CH, M, S	CH, M
Asphalt cutting	CH, S	CH, S	CH, S	CH, S	CH, S	CH
Trench excavating for drainage					CH, M	CH, M
Demolition of bridges	CH, M	CH, M	CH, M	CH, M	CH, M	CH, M
Making holes (for traffic signs, lamp, posts)	M	M	M	M	M	M
Breaking of frozen ground	CH, M, S	CH, M, S	CH, M, S	CH, M, S	CH, M, S	CH, M
Compacting Solid	CP	CP	CP	CP	CP	
Demolition/Housing Development						
Demolition of concrete walls, roofs, floors	CH, M	CH, M	CH, M	CH, M	CH, M	CH, M
Demolition of light reinforced concrete <20%	M	M	M	M	M	M
Brick walls	CH, M	CH, M	CH, M	CH, M	CH, M	CH, M
Rock trenches for mains /water supply/ utilities					CH, M	CH, M
Rock excavation for foundation						CH, M
Separating rebar from concrete (for recycling)	CH, M	CH, M	CH, M	CH, M	CH, M	CH, M
Quarrying/Open Cast Mining						
Breaking oversized on a crusher/feeder/feed chute						CH, M
Scaling					CH	CH
Metallurgical Applications						
Breaking of slag in casting ladles						CH, M
Cleaning of castings						CH, M
Breaking of refractory linings in furnaces	CH, M	CH, M	CH, M	CH, M	CH, M	CH, M

CH = Chisel, M = Moil, S = Spade, B = Blunt, CP = Compaction Plate

Quick Tool Changes

With access to the underside of the B model hammers, owner/operators can easily change out tools. Please refer to the Operators Maintenance Manual for proper procedures.



H MODEL HAMMERS

RECOMMENDED APPLICATIONS CHART

			H35s	H45s	H55s	H65s	H80s	H95s
Construction								
Site Prep, Landscaping	Ground excavation	Pipelines municipalities	○	○	○	○	●	●
		Frozen ground	○	○	○	○	○	●
		Foundation prep						
	Asphalt cutting	Driveways, roads	○	○	●	●	●	
	Compacting	Municipalities	○	○	●	●		
Rock	Trenching	Utilities and pipelines					○	○

Demolition								
Concrete	Light	Sidewalks, driveways	○	○	○	●	●	●
	Standard	Reinforced concrete 76-510 mm (3-20 in)			○	○	○	○
	Heavy	Bridge pillars, heavily reinforced						
Masonry	Cinder block, brick	Walls	●	●	●	●	○	○
Pavement	Asphalt breaking	Driveways, roads	○	○	●	●	●	●
	Concrete, composite	Roads			●	●	●	●

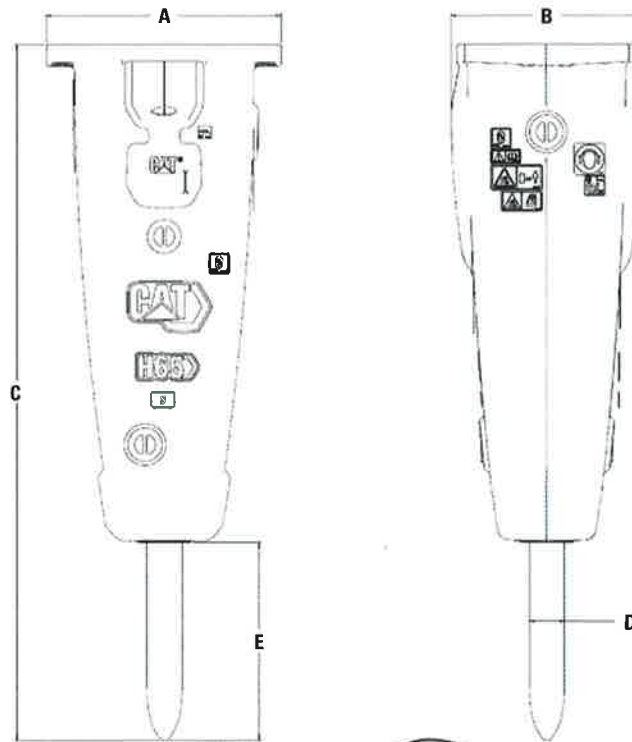
Metallurgical								
Cleaning	Cleaning castings						○	○
De-bricking	Slag in casting ladles						○	○
	Refractory linings in furnaces		○	○	○	○	○	○

Mining								
Rock	Secondary breaking	Softer material (shale, decomposed limestone)						○
		Harder material (limestone, granite)						
		Scaling					○	○
	Primary breaking	Tunneling						

☒ Optimal
 ☐ Acceptable
 ☐ Not Recommended



H MODEL HAMMER SPECIFICATIONS



HAMMERS						
Model	H35s	H45s	H55s	H65s	H80s	H95s*
A Overall Length – mm (in)	311 (12)	311 (12)	451 (17.8)	451 (17.8)	535 (21.1)	520 (20.5)
B Overall Width – mm (in)	300 (11.8)	300 (11.8)	346 (13.6)	346 (13.6)	485 (19.1)	512 (20.2)
C Overall Height – mm (in)	860 (33.9)	1006 (39.6)	1108 (43.6)	1324 (52.1)	1433 (56.4)	1666 (65.6)
D Tool Shaft Diameter – mm (in)	40 (1.6)	50 (2)	58 (2.3)	68 (2.7)	75 (3)	87.5 (3.4)
E Tool Working Length – mm (in)	240 (9.5)	269 (10.6)	324 (12.8)	371 (14.6)	376 (14.8)	415 (16.4)
Energy Class – J (ft-lbf)	407 (300)	542 (400)	813 (600)	1085 (800)	1356 (1,000)	2034 (1,500)
Impact Frequency – bpm	600-1,800	780-1,800	600-1,680	720-1,740	600-1,500	700-1260
Minimum Carrier Weight – kg (lb)	1102 (2,430)	1501 (3,309)	2495 (5,501)	2994 (6,601)	5987 (13,199)	6985 (15,399)
Optimal Hydraulic Flow – L/min (gpm)	12-35 (3-9)	25-62 (7-16)	30-85 (8-22)	40-115 (10-30)	70-130 (18-34)	70-150 (18-40)
Minimum Operating Pressure – kPa (psi)	10 000 (1,450)	10 000 (1,450)	10 000 (1,450)	10 000 (1,450)	10 000 (1,450)	10 000 (1,450)
Operating Weight – with Tool – kg (lb)	130 (287)	250 (551)	345 (761)	390 (860)	425 (937)	627 (1,382)
Sound Level – dB(A)	120	120	120	124	120	124
Machine Compatibility	MHE 1-2 Ton	MHE 1-3 Ton	MHE 3-6 Ton SSL/CTL 216-299	MHE 5-9 Ton SSL/CTL 216-299 BHL 415-444	MHE 7-9 Ton BHL 415-450	MHE 7-10 Ton BHL 415-450

MHE = mini hydraulic excavators, SSL/CTL = skid steer loaders/compact track loaders, BHL = backhoe loaders

*Not compatible with side shift backhoe loaders.

NOTES

NOTES



For more complete information on Cat products, dealer services and industry solutions, visit us on the web at www.cat.com

AEHQ8425 (02-2023)
(Global)

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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www.cat.com www.caterpillar.com





Quotation Number: **BM1003360**
Quote Sent Date: **Feb 10, 2025**
Expiration Date: **Feb 28, 2025**
Prepared By: **Brandon Moore**
Phone: +16163706219
Email: brandon.moore@carleton1.com

Customer
IONIA COUNTY ROAD COMMISION
613 S Front ST
Belding, MI, 48809
Phone: (616) 902-2549

Contact
Wes Shafer
Phone: (616) 902-2549
Email: wshafer@ioniacountyroads.org

Item Name	Item Number	Quantity	Price Each	Total
HB980 Hydraulic Breaker with Nail Point	7113421	1	11,333.00	11,333.00
Loader Mounting Frame	7113737	1	1,238.00	1,238.00
Conical Point (Moi), HB980	7144702	1	488.49	488.49
Total for HB980 Hydraulic Breaker with Nail Point				13,059.49
Quote Total - USD				13,059.49
Sales total before Taxes				13,059.49
Taxes				783.57
Quote Total - USD				13,843.06

Customer acceptance:

Quotation Number:: BM1003360

Purchase Order: _____

Authorized Signature:

Print: _____ Sign: _____

Date: _____ Email: _____ Tax Exempt: Y ☐ / N ☐



HB980 HYDRAULIC BREAKER P/N 7113421

QUANTITY

- 1 +

CONTACT US FOR ORDERING

Details

IN STORE PICK UP ONLY!

Chat with us live



Break through concrete, rock, and asphalt effortlessly with the powerful force of the hydraulic breaker.

The hydraulic breaker delivers maximum efficiency by matching hydraulic capacity of the carrier to the breaker, allowing consistent machine to breaker performance. It provides a quieter and smoother operation while still maintaining blows per minute.

Turn your compact loader or excavator into a powerfully precise demolition machine with the hydraulic breaker attachment.

Features

- **Auto Power:** Automatically regulates pressure, ensuring hydraulic breaker operation regardless of changes in outdoor temperature and delivering maximum performance across a large range of carriers. Also, limits excessive pressure at the time of start-up, preventing possible downtime.
- **Breaker Cradle:** The cylindrical design improves access to jobs in confined areas, providing accurate attachment operation in more operating environments.
- **Carrier Versatility:** Quickly and easily switch the hydraulic breaker attachment from a loader to excavator with the Bob-Tach® and X-Change™ attachment mounting systems, maximizing attachment utility.
- **Easy, Minimal Maintenance:** Designed for minimum downtime, the internal power cell has fewer moving parts. Also, the attachment design includes only 12 main service parts, reducing time spent on maintenance and improving overall lifetime of the attachment.
- **Easy Mounting:** The Bob-Tach and X-Change attachment mounting systems make attachment mounting easy, decreasing amount of time spent attaching and increasing amount of time spent operating.
- **Energy Chamber with Diaphragm:** Offering a distinct Bobcat® advantage, the energy chamber keeps the nitrogen pressure constant that maintains attachment performance. No periodic charging required, making it virtually maintenance free.
- **Quieter Operation:** Upper and lower shock absorbers isolate the breaker from the housing, reducing noise and vibration to deliver operator comfort without sacrificing performance.
- **Hose Guard:** Protects hoses and fittings from damage when working in tight spaces, providing uptime protection while increasing the utility of the attachment.
- **Steel-Ring System:** An innovative Bobcat feature, the steel ring system retains the tool bushing and protects the grease access and provides for quick tool changes.
- **Included Go/no-go Gauge:** Allows operator to quickly verify three critical wear areas. Gauge tells operator whether components meet spec or not – no measuring required.
- **Single Lower Bushing:** Most models only have a single lower bushing that is easily replaceable on the job.

Specifications

- **Operating Weight:** 502 lb
- **Length:** 50"
- **Overall Width:** 12.6"

- **Overall Height:** 17.7"
- **Blows per Minute:** 1450
- **Blows per Minute Flow:** 21 gal/min
- **Impact Energy Class:** 500 ft lb
- **Tool Diameter:** 2.8"

Check the Bobcat Online Parts Catalog to ensure the correct part for your equipment. Contact K.C. Bobcat for correct part fitment.

Share



YOU MAY ALSO LIKE



GREASE FITTING P/N 10H25

\$1.62



MALE FLAT FACE HYDRAULIC COUPLER FOR LOADERS AND EXCAVATORS P/N 7246777

\$58.71



STATE CONTRACT 240*158

Customer	Ionia County		
Name	Wes Shafer		
City	Ionia	State	MI
Phone		ZIP	

Misc	
Date	02/10/2025
Attn	Wes
Rep	Jeff Ely
Cell.	517-204-2127

[illegible]

Subtotal	\$ 15,568.00
Shipping	Included
MI Sales Tax	Exempt
TOTAL NET DUE	\$ 15,568.00

TERMS: AIS agrees to State of Michigan terms
and conditions commodities
To place an order submit your PO
to jely@aisequip.com or
Fax to 517-321-6275

QUOTED PRICES FIRM FOR 30 DAYS. ALL QUOTES SUBJECT TO AVAILABILITY.

**Model**

PH-3

Working Weight

990 lb

450 kg

Recommended Carrier Weight

8,000 - 16,000 lb

3.6 - 7.3 metric tons

The PH-3 hydraulic hammer is compatible with skid steers, backhoes and/or mini excavators in the 3.6 - 7.3 metric ton range. Visit the [**Attachment Wizard \(/attachment-wizard/\)**](#) to see which hydraulic breakers are compatible with your carrier!

Impact Energy Class

750 ft lb

Impact Frequency

500 - 1,150 bpm

Oil Flow

12 - 26 gpm

45 - 100 lpm

Operating Pressure

2,465 psi

170 bar

Tool Diameter

3 in

76 mm

Tool Working Length

16.5 in

419 mm

COUNTY OF IONIA
BUDGET AMENDMENT REQUEST

1/31/2025

Department: Commission on Aging

Requestor: Carol Hanulcik

Purpose/Description of Request:

To record additional MDOT funding granted under authorization
2022-0075 P4 R1, to cover increased cost of procurement.

Revenue Line Items

Fund	Activity	Account	Description	Debit Decrease	Credit Increase
273	672.002	539.271	MDOT GRANT - EQUIPMENT		6,600.00

Appropriation Line Items

Fund	Activity	Account	Description	Debit Increase	Credit Decrease
------	----------	---------	-------------	-------------------	--------------------

There is no corresponding increase in expenditures for the \$6,600 in additional funding received. This funding will decrease the amount of senior millage dollars needed for this ICCOA dept, and/or reduce the amount we need to draw from our fund balance, to complete this procurement.

TOTALS				-	6,600.00
Amendment Balance (must be zero)					(6,600.00)

Department Head Approval

APPROVED

By Carol Hanulcik at 11:59 am, 2/18/25

Date

Finance Office Use Only

Finance Officer Review

Beneath Blind

Date

2/18/25

County Administrator Approval

Date

Board Approval

Date

Date: December 4, 2024
Agreement No.: 2022-0075
Authorization No.: P4/R1
Job Nos.: 221012NI/222974NI

**REVISED PROJECT AUTHORIZATION
IONIA COUNTY COMMISSION ON AGING
FY 2024 SECTION 5310
ENHANCED MOBILITY OF SENIORS AND
INDIVIDUALS WITH DISABILITIES PROGRAM**

This information is required by the Michigan Department of Transportation (MDOT) in order to record agreement of utilization of funds provided by the Federal Transit Administration, United States Department of Transportation and MDOT. The funds provided shall be used by the AGENCY in accordance with the above referenced Master Agreement.

Authorization Effective Date: September 20, 2024
Authorization Expiration Date: September 19, 2027
Fiscal Year of Effective Contract Clauses: 2024

The Federal grant associated with the PROJECT AUTHORIZATION is Permanent No. MI-2023-037-01.
Award Year: 2024

The Catalog of Federal Domestic Assistance Number for the Federal Transit Administration Enhanced Mobility of Seniors and Individuals with Disabilities Program is 20.513.

For capital, the AGENCY agrees to prepare and submit to MDOT bi-annual milestone reports as required. The AGENCY also agrees to submit annual performance reports as required by the Federal Transit Administration.

Timely Expenditure of Funds

Sufficient progress toward the obligation of funds must be made within six (6) months of receiving the awarded PROJECT AUTHORIZATION or MDOT may cancel the PROJECT AUTHORIZATION and the AGENCY will no longer have access to the funds. Sufficient progress may be documented by placing an order, issuing a solicitation, having a third party contract awarded, or taking other documentable action to utilize the funds. MDOT will not extend this PROJECT AUTHORIZATION beyond three years except for very unique circumstances as determined by MDOT. MDOT will allow for additional time for new facility construction projects if sufficient progress is being made to complete the project.

The purpose of Revision 1 is to provide additional state funding due to the increased cost of vehicles.

Ionia County COA
 Agreement No.: 2022-0075
 Authorization No.: P4/R1
 Job Nos.: 221012NI/222974NI
 Page: 2 of 2

<u>Line No.</u>	<u>Item</u>	<u>Line Item</u>	<u>Activity Code</u>	<u>Federal</u>	<u>State</u>	<u>Total</u>
	<u>Revenue vehicles:</u>					
1	Three replacement vans with ramps (221012NI)	11.12.15	NA	\$160,273	\$40,068	\$200,341
3	Up to one replacement van with ramp (222974NI)*	NA	823	- 0-	6,600	6,600
	<u>Terminal/office equipment:</u>					
2	Computer/computer equipment (221012NI)	11.42.20	NA	<u>5,040</u>	<u>1,260</u>	<u>6,300</u>
	Total			\$165,313	\$47,928	\$213,241

* Line 3 will provide additional funding for Line 1.

Funding sources:

2024/65150/3120 \$165,313 (F)
 C87750/1120 \$ 47,928 (S)

PRF Nos.: 2024-570
 2025-193

IONIA COUNTY COMMISSION ON AGING

E-SIGNED by Carol Hanulcik
 on 2025-01-13 14:38:25 EST

Authorized Signer

MICHIGAN DEPARTMENT OF TRANSPORTATION

E-SIGNED by JEAN RUESTMAN
 on 2025-01-13 21:53:09 EST

Title: Department Director



**IONIA COUNTY BOARD OF COMMISSIONERS
REQUEST FOR DISCUSSION/ACTION**

Title: Emergency Management FY-23 HSGP
Date: 2-25-25

CONTACT: Sgt. Fredrick Straubel Emergency Manager Coordinator

DESCRIPTION: FY-23 HSGP for 6 Kenwood mobile radios for emergency response and preparedness.

OTHER DEPARTMENTS/AGENCIES AFFECTED:
N/A

FINANCIAL ANALYSIS: N/A

LEGAL REVIEW: N/A

DEADLINE: 2/25/25

SPECIFIC ACTION REQUESTED (PROPOSED BOARD MOTION):Approval of spending \$20,025.01 for 6 mobile radios from Digicom. To be reimbursed by the FY-23 HSGP grant.

ADMINISTRATOR'S RECOMMENDATION:
Interim County Administrator Recommends Approval of this Request

Digicom Global 911 Inc.

675 East Big Beaver
Suite 105
Troy, Mi. 48083

Estimate

Date	Estimate #
1/28/2025	5339

Name / Address
Ionia County Sheriff's Office Sgt Fredrick Straubel 100 W. Main St. Ionia, Mi 48846

Ship To
Ionia County Sheriff's Office 100 W. Main St. Ionia, MI 48846 Attn: Sgt Fredrick Straubel

			Project
Description	Qty	Rate	Total
Sergeant Fredrick Straubel Ionia County Sheriff's Office Emergency Management Division 100 W. Main Street Ionia, MI 48846 616-902-2716 (cell) 616.527.8283 (Office) SPECIAL RUNS THROUGH 3-31-25. AFTER THAT THE PRICE ON EACH RADIO WILL GO UP \$300.			
ENC -3-31-25 SP EFJOHNSON \$300 off radio Promo: Valid with purchase of AES Multi Key (and AES module if needed) specific accessory packages are also required. SPECIAL ENDS MARCH 31, 2025. PDR 5107928 Base radio kits in Pellican Cases		0.00	0.00
VM5930BF -3-31-25 AES & -300 SPECIAL THROUGH 3-31-2025 Viking Mobile Deck Only 700/800, 762-806MHz, 806-870MHz, Transflective Color Display, 35 watts, 1024 Channels, 255 Zones, IP 54/55 & Mil Spec C/D/E/F/G. 3 Year Warranty. Includes P25 Conventional and Phase1 Trunking. State Contract \$2040 - \$300 = \$1740.00. PDR 5107928	4		
VIK 8323000004 AES Multi Key4 DES-OFB and AES256 (includes Multikey) FIPS140-2 encryption module includes DES if requested ON EFJ ORDER CENTER.	4	1,740.00	6,960.00
KCH-19VM SCD Basic Control Panel for dash mount. EFJ line.	4	448.00	1,792.00
KMC-65M standard palm microphone for a base or mobile	4	174.96	699.84
	4	50.80	203.20
		Subtotal	
		Sales Tax (6.0%)	
		Total	

Digicom Global 911 Inc.

675 East Big Beaver
Suite 105
Troy, Mi. 48083

Estimate

Date	Estimate #
1/28/2025	5339

Name / Address
Ionia County Sheriff's Office Sgt Fredrick Straubel 100 W. Main St. Ionia, Mi 48846

Ship To
Ionia County Sheriff's Office 100 W. Main St. Ionia, MI 48846 Attn: Sgt Fredrick Straubel

			Project
Description	Qty	Rate	Total
KPS-15 DC power supply	4	168.64	674.56
KCT-23M Cable (DC cable) 10 feet M-Power. 35-50W	4	38.16	152.64
KMB-34 Control Station Mounting Case (for KPS-15 psu, hardware included)	4	52.56	210.24
VIK 2990600013 EFJ 2 year extended warranty	4	164.00	656.00
BW5000/Y/SI CASE : Rugged Yellow case Pellican style waterproof, intenal dimensions 16.9 x 11.8 x 6.7 2 year warranty. Adjustable foam insert. Upper foam purchased seperately.	4	123.20	492.80
CASE: Lid Pocket for the Type 5000 Case. Foam insert for lid	4	13.1118	52.45
WRAP-IT 8: 8" Cord Ties, Cord Wraps, Cable Straps, Wire Ties, Wire Organizer for Cord Management and Wire Management	20	1.25	25.00
Service-Two Way Radio Use 4 Mag Mounts from old box to connect to these radios for Antennas	4	0.00	0.00
Service-Two Way Radio Use 2 800 Mhz Collinear Antenna's	2	0.00	0.00
ANT MAX7603S 760-870 MHZ, 3db, Max molded, base Collinear/ open mobile antenna.	2	39.00	78.00
CAB Ray000 Cigarette Lighter Power Cable for Kenwood mobile, 8A fuse, 10 ft w/LED	4	56.00	224.00
MAG MMSU-1 Magnetic mic single unit for hand mics	4	35.00	140.00
Radio Programming Fee - Portables, Base, Dash, Single head Remote, Dual Head remote, ECT	4	20.00	80.00
MPSCS Customer will pay the \$250.00 per radio one time programming fee directly to the state. This is good for the life of the radio.	4	0.00	0.00
VM5930BF Base SUBTOTAL of above			12,440.73
Base radios for Trailer			
		Subtotal	
		Sales Tax (6.0%)	
		Total	

Digicom Global 911 Inc.

675 East Big Beaver
Suite 105
Troy, Mi. 48083

Estimate

Date	Estimate #
1/28/2025	5339

Name / Address
Ionia County Sheriff's Office Sgt Fredrick Straubel 100 W. Main St. Ionia, Mi 48846

Ship To
Ionia County Sheriff's Office 100 W. Main St. Ionia, MI 48846 Attn: Sgt Fredrick Straubel

			Project
Description	Qty	Rate	Total
	2		
VM5930BF -3-31-25 AES & -300 SPECIAL THROUGH 3-31-2025 Viking Mobile Deck Only 700/800, 762-806MHz, 806-870MHz, Transflective Color Display, 35 watts, 1024 Channels, 255 Zones, IP 54/55 & Mil Spec C/D/E/F/G. 3 Year Warranty. Includes P25 Conventional and Phase1 Trunking. State Contract \$2040 - \$300 = \$1740.00. PDR 5107928	2	1,740.00	3,480.00
VIK 8323000004 AES Multi Key4 DES-OFB and AES256 (includes Multikey) FIPS140-2 encryption module includes DES if requested ON EFJ ORDER CENTER. Note for VP5000 must purchase KWD-AE30K AES Encryption Module	2	448.00	896.00
KCH-19VM SCD Basic Control Panel for dash mount. EFJ line.	2	174.96	349.92
KMC-65M standard palm microphone for a base or mobile	2	50.80	101.60
KPS-15 DC power supply (One Supply for each radio). may use client supplied units. Will know as it gets closer.	2	168.64	337.28
KMB-34 Control Station Mounting Case (for KPS-15 psu, hardware included)	2	52.56	105.12
KCT-23M3 DC Cable (35-50W Remote Mount; pos. 23ft, neg 3.3ft leads)	2	52.56	105.12
VIK 2990600013 EFJ 2 year extended warranty	2	164.00	328.00
MAG MMSU-1 Magnetic mic single unit for hand mics	2	35.00	70.00
Radio Programming Fee - Portables, Base, Dash, Single head Remote, Dual Head remote, ECT	2	20.00	40.00
CONN RFU-505 / 91538 PL259 RG58 UHF MALE CRIMP	2	4.00	8.00
Conn-36421 N Male for Solid Center RG-58 silver plated, gold connector	2	6.792	13.58
		Subtotal	
		Sales Tax (6.0%)	
		Total	

Digicom Global 911 Inc.

675 East Big Beaver
Suite 105
Troy, Mi. 48083

Estimate

Date	Estimate #
1/28/2025	5339

Name / Address
Ionia County Sheriff's Office Sgt Fredrick Straubel 100 W. Main St. Ionia, Mi 48846

Ship To
Ionia County Sheriff's Office 100 W. Main St. Ionia, MI 48846 Attn: Sgt Fredrick Straubel

			Project
Description	Qty	Rate	Total
ANT BMLPV700 740 - 870 MHz 3 dBi Low Profile Vertical Polarization Antenna in Black	2	52.83	105.66
Service-Two Way Radio Install materials MIsc Coax Mounting hardware, ground bracket, items needed to make a clean secure and weather proof install.	1	245.00	245.00
Service-Two Way Radio INSTALL of Base units in trailer along with antenna system	1	1,274.00	1,274.00
MPSCS Customer will pay the \$250.00 per radio one time programming fee directly to the state. This is good for the life of the radio.	2	0.00	0.00
VM5930BF Base SUBTOTAL of base radio portion		0.00	7,459.28
			0.00
MiDeal Pricing per EFJ / Kenwood Michigan State Contract # 210000000896 or (21*896). This State Contract Number must be listed somewhere on the PO.		0.00	0.00
Shipping to Digicom of radios and supplies needed	1	125.00	125.00
		Subtotal	\$20,025.01
		Sales Tax (6.0%)	\$0.00
		Total	\$20,025.01

11/27/2024

IONIA COUNTY SHERIFF
133 E ADAMS ST
IONIA, MI 48846

RE: Motorola Quote for Six Encrypted Mobile Radios

Dear Fredrick Straubel,

Motorola Solutions is pleased to present IONIA COUNTY SHERIFF with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide IONIA COUNTY SHERIFF with the best products and services available in the communications industry. Please direct any questions to Kevin Courtnay at kevinc@chrouch.com.

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

Sincerely,

Kevin Courtnay
Chrouch Communications, Inc.

Motorola Solutions Manufacturer's Representative

Billing Address:
IONIA COUNTY SHERIFF
133 E ADAMS ST
IONIA, MI 48846
US

Quote Date:11/27/2024
Expiration Date:01/26/2025
Quote Created By:
Kevin Courtney
Chrouh Communications, Inc.
kevinc@chrouh.com
(616) 642-3881

End Customer:
IONIA COUNTY SHERIFF
Fredrick Straubel

Contract: 35115 - STATE OF MICHIGAN,
MA# 190000001544

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	APX™ 4500 Enhanced					
1	M22URS9PW1BN	APX4500 ENHANCED 7/800 MHZ MOBILE	6	\$6,754.44	\$4,836.11	\$29,016.66
1a	GA00318AC	ENH: 5 YEAR ESSENTIAL SVC	6			
1b	G851AG	ADD: AES/DES-XL/DES-OFB ENCRYPT APX AND ADP	6			
1c	G66BF	ADD: DASH MOUNT O2 APXM	6			
1d	QA02812AE	ADD: P25 9600 TRUNKING W/ INTEROPERABILITY	6			
1e	G142AD	ADD: NO SPEAKER APX	6			
1f	GA01606AA	ADD: NO BLUETOOTH/ WIFI/GPS ANTENNA NEEDED	6			
1g	GA00804AA	ADD: APX O2 CH (GREY)	6			
1h	G89AC	ADD: NO RF ANTENNA NEEDED	6			
1i	G444AH	ADD: APX CONTROL HEAD SOFTWARE	6			
1j	W22BA	ADD: STD PALM MICROPHONE APX	6			
1k	QA09113AB	ADD: BASELINE RELEASE SW	6			
1l	W969BG	ENH: MULTIKEY OPERATION	6			
2	LSV00Q00203A	DEVICE INSTALLATION	6	\$107.14	\$107.14	\$642.84



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

Grand Total

\$29,659.50(USD)

Notes:

- Customer is responsible for the \$250.00 per unit MPSCS activation fee.

Installation of the radios into the existing customer owned black box is included.

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.





Purchase Order Checklist

Marked as PO/ Contract/ Notice to Proceed on Company Letterhead
(PO will not be processed without this)

PO Number/ Contract Number

PO Date

Vendor = Motorola Solutions, Inc.

Payment (Billing) Terms/ State Contract Number

Bill-To Name on PO must be equal to the *Legal* Bill-To Name

Bill-To Address

Ship-To Address (If we are shipping to a MR location, it must be documented on PO)

Ultimate Address (If the Ship-To address is the MR location then the Ultimate Destination address must be documented on PO)

PO Amount must be equal to or greater than Order Total

Non-Editable Format (Word/ Excel templates cannot be accepted)

Bill To Contact Name & Phone # and EMAIL for customer accounts payable dept

Ship To Contact Name & Phone #

Tax Exemption Status

Signatures (As required)



L3Harris Technologies, Inc.
Public Safety and Professional Communications
221 Jefferson Ridge Parkway
Lynchburg, Virginia 24501
Phone: 1-800-368-3277
Fax: 321-409-4393

Quote Name: Ionia Co_XL85M_193245_12232024

Ionia County

Date: 12/23/2024 Valid for 30 days
Sales POC: Stephen Morris
Account Manager
434 851 1986
Stephen.E.Morris@L3Harris.com

L3Harris' Internal Use Only	
Quote by:	C. Corrigan
CRM #	
CCC Case #	INC-000348108

Item	Part Number	Description	Qty	List Price	Discount	Sale Price	Extended Sale Price
1	XQ-M78B	MOBILE, XL-85M, 700/800 MHZ	8	\$ 2,500.00	26%	\$ 1,850.00	\$ 14,800.00
2	XQ-PL8Y	FEATURE, ENCRYPTION LITE	8	\$ 0.01	100%	\$ -	\$ -
3	XQ-PL4F	FEATURE, PHASE 2 TDMA	8	\$ 275.00	26%	\$ 203.50	\$ 1,628.00
4	XQ-PL9F	FEATURE, P25C FALLBACK/MS FAILSOFT	8	\$ 300.00	26%	\$ 222.00	\$ 1,776.00
5	XQ-PL6T	FEATURE, MDC-1200	8	\$ 20.00	26%	\$ 14.80	\$ 118.40
6	XQ-PKG8F	FEATURE, 256-AES, 64-DES ENCRYPTION	8	\$ 785.00	26%	\$ 580.90	\$ 4,647.20
7	XQ-PL4L	FEATURE, SINGLE BAND, 7/800	8	\$ 0.01	100%	\$ -	\$ -
8	XQ-PKGPT	FEATURE PACKAGE, P25 TRUNKING	8	\$ 1,200.00	26%	\$ 888.00	\$ 7,104.00
9	XQ-MC6A	MICROPHONE, XL, STANDARD MOBILE	8	\$ 105.00	26%	\$ 77.70	\$ 621.60
10	XQ-AN3H	ANTENNA, ELEMENT, 700/800,900, 3DB	8	\$ 75.00	26%	\$ 55.50	\$ 444.00
11	XQ-AN6U	ANTENNA, BASE, STD ROOF MOUNT LOW LOSS	8	\$ 80.00	26%	\$ 59.20	\$ 473.60
12	XQ-LS6A	SPEAKER, EXTERNAL, MOBILE	8	\$ 60.00	26%	\$ 44.40	\$ 355.20
13	XQ-MA4F	KIT, MOUNTING XL-85 MOBILE UNIVERSAL	8	\$ 250.00	26%	\$ 185.00	\$ 1,480.00
14	XQ-CJ3X	CABLE, XL-MOBILE, KVL KEY LOADING	1	\$ 275.00	26%	\$ 203.50	\$ 203.50
Lead time is subject to material availability at time of order						Total Sale Price \$	33,651.50

Terms and Conditions:

- The Terms and Conditions are governed by the agreement between L3Harris Technologies and State of Michigan Two-Way Radio Systems - Statewide. Please reference MBP# 193245 and contract number 210000000897, if applicable.
- Storing battery packs is not recommended because the chemicals in the battery degrade over time and this affects the functionality of the battery. Improper storage of batteries may void warranty.
- Pricing does not include installation, programming, taxes or shipping (if applicable), unless otherwise noted. These items may be waived based on the terms and conditions which are applicable to this quote (Item 1) and could be subject to change.

Purchase Order requirements:

Purchase Order issued to L3Harris Technologies - PSPC - 221 Jefferson Ridge Parkway - Lynchburg, VA 24501

The Purchase Order should include the following references:

Must include Quote Name and Date. If applicable, include MBP#.

All orders must contain valid model number, quantity, and price for each item.

Frequencies must be supplied with order if applicable.

Requested Delivery Date; If related to **Grant Funding**, important to provide Grant name, Agency, deadline and product receipt deadline, when applicable.

Shipping will default to Best Way ground, unless otherwise specific. Special shipping/delivery instructions (ex. Delivery lift gate required?) must be noted if applicable. Non Standard packing will be billed to the customer.

Bill to and Ship to addresses along with contact information must be included. Provide customer account number if readily available.

L3Harris DUNS#: 101474992; Cage Code: 1PNR4; Tax ID 34-0276860.