



Manistee County Board of Commissioners

Manistee County Courthouse • 415 Third Street • Manistee, Michigan 49660

CHAIRPERSON
Allan O'Shea
VICE-CHAIRPERSON
Janice McCraner

Kathy Fenstermacher
Edward Haik
Ervin Kowalski
Glenn Lottie
Carl Rutske

CLERK
Marilyn Kliber
(231) 723-3331
CONTROLLER/ADMINISTRATOR
Thomas Kaminski
(231) 398-3500

WAYS & MEANS COMMITTEE

DRAFT

Friday, February 15, 2008
9:00 A.M.

Courthouse and Government Center
Board of Commissioner's Room

MINUTES

Members Present: Ervin Kowalski, Chairperson; Glenn Lottie; and Janice McCraner

Others Present: Thomas Kaminski, County Controller/Administrator; Russell A. Pomeroy, County Treasurer; Sue Wagner, County Planner; Ted Weinert & Kevin Pritchard, TW Land Surveying LLC; Pat Bentley, Abonmarche; Bob Slawinski, Slawinski Surveying and Mapping; Tony Slawinski, County Surveyor; Ed Haik, Manistee County Fair Board; Peggy Falk, Equalization Director; Kendra Rohdy, Equalization Appraiser; Chad Collins, Wayward Geographics; Jim Espvik, 911 Director; Julie Beardslee, City Assessor; and Rachel Nelson, Administrative Secretary

The meeting was called to order at 9:04 A.M.

ITEMS REQUIRING BOARD ACTION

Mr. Kaminski presented the Committee with Claiming Summaries for January 8, 2008 through February 15, 2008, and a summary of the On-Demand checks for their review and approval. Totals are as follows:

101 General Fund	\$371,976.85
201 County Road Fund	0.00
215 Friend of the Court Fund	2,756.25
216 Department Contingency Fund	0.00
218 Elections Fund	25,750.07
230 County Employee Training Fund	376.56
234 Judicial Technology Fund	0.00
235 District Court Services Fund	709.13
236 Maintenance of Effort Fund	0.00
241 Jaws of Life Fund	1,073.91
243 Brownfield Redevelopment Authority Fund	798.80
244 Brownfield Redevelopment-Joslin Cove Fund	45,321.16
245 Public Improvement Fund	0.00
251 Capital Improvement Fund	1,576.07

252 Tax Refund Fund	0.00
253 Remonumentation Fund	0.00
254 Medical Care Depreciation Fund	0.00
255 Brownfield Site Assessment Fund	3,700.00
256 Register of Deeds Automation Fund	0.00
257 Budget Stabilization Fund	0.00
258 Mounted Search and Rescue	0.00
260 Health Insurance Fund	162,864.60
261 9-1-1 Service Fund	0.00
262 Dive Equipment Fund	13,704.52
263 Sheriff's Office Forfeited Assets Fund	0.00
264 Family Counseling Services Fund	0.00
265 Juvenile Drug Court Fund	171.35
266 Law Enforcement Training Fund	446.32
267 Friends of Animal Control Fund	0.00
268 Homeland Security Grant Fund	0.00
269 Law Library Fund	1,289.50
271 County Library Fund	0.00
272 County Library Trust Fund	0.00
273 Computer Technology Fund	35,467.39
274 Drug Testing - District Court Fund	695.03
275 Dial-A-Ride Fund	0.00
276 Forestry Fund	2,520.00
277 Air Photo Fund	0.00
278 LEPC Grant Fund	325.00
279 Economic Development - Housing Fund	1,076.31
280 MSHDA Grant Fund	0.00
281 Law Enforcement Technology Fund	0.00
282 CRA River Care Grant Fund	8,375.55
283 F.I.A. Benzie County	0.00
284 Community Corrections Fund	429.57
285 Drunk Driving Case Flow Fund	0.00
286 Juvenile Intervention Fund	1,421.90
287 JABGN Grant Fund	0.00
288 Sheriff Dog Census Fund	0.00
290 Department of Human Services Fund	0.00
292 Child Care Fund	38,011.18
293 Soldiers & Sailors Relief Fund	0.00
294 Veterans Trust Fund	1,118.29
295 Airport Authority Fund	51,641.79
296 Juvenile Justice Fund	0.00
297 Compensated Services Fund	130,702.17
298 County Employee Separation Fund	0.00
299 Unemployment Fund	34,625.83

356 Fair Board Debt Fund	0.00
360 9-1-1 Expansion Construction Fund	0.00
361 Jail Expansion Construction Fund	0.00
362 Jail Building Bond	0.00
368 Library Loan Fund	0.00
369 Building Authority Debt Fund	0.00
370 County Road Building Debt Fund	0.00
461 Building Authority Construction Fund	0.00
462 County Road Construction Fund	0.00
512 Medical Care Facility Fund	0.00
603 Vehicle Fund	8,583.72
606 Tax Revolving Fund	0.00
620 Tax Revolving - State Sales	145.46
701 Trust and Agency	<u>0.00</u>

Total \$947,654.28
=====

On Demand Checks Total \$133,942.92
=====

Mr. Lottie recommended that the bills be accepted in the amount of \$947,654.28 and that the same be placed on file. No alternative recommendation was proposed.

There was discussion on bids for the Manistee County Remonumentation program to perform general work on standard corners and GPS surveying services. This program was started approximately 14 years ago as a 20 year program, however, it is expected to take longer than 20 years at this time. Bids were received from the following surveyors:

Surveying Services to Complete the 2008 Remonumentation Project:

- A) TW Land Surveying LLC = \$482.50 per corner
- B) Abonmarche = \$560.00 per corner
- C) Slawinski Surveying and Mapping = \$580.00 per corner

2008 Manistee County Remonumentation Program GPS Work:

- A) TW Land Surveying LLC = \$362.50 per corner
- B) Abonmarche = \$686.67 per corner

The County paid \$552 per corner to Abonmarche in 2007 for surveying services to complete the 2008 remonumentation project. The County paid \$490 per corner to Nordlund & Associates in 2007 to complete the GPS work for the 2007 Manistee County Remonumentation Program. After reviewing the bids (APPENDIX A), and discussion regarding the price difference and experience,

Ms. McCraner and Mr. Lottie recommended that the GPS work for the 2008 Remonumentation Program be done by Abonmarche for \$686.67 per corner, and that the Surveying Services be done by TW Land Surveying LLC for \$482.50 per corner.

Mr. Kowalski recommended that the GPS work for the 2008 Remonumentation Program be done by TW Land Surveying LLC for \$362.50 per corner, and that the Surveying Services be done by TW Land Surveying LLC for \$482.50 per corner.

The Committee next considered an appropriation request from the Area Agency on Aging of Northwest Michigan in the amount of \$4,168.00.

Ms. McCraner recommended releasing the appropriation in the amount of \$4,168.00 to the Area Agency on Aging of Northwest Michigan. No alternative recommendation was proposed.

The Committee considered an appropriation request from the Manistee County Fair Board to purchase lumber and supplies necessary to repair the first five rows of bleachers at the main grandstand located within the fairgrounds property, and an additional \$500.00 to repair the walkway going into the announcer's stand near the grandstand at the fairgrounds. (APPENDIX B) Bids had been received for the lumber and supplies from Manistee Ace Hardware & Lumber (\$3,941.03), Linke Lumber Company (\$2,308.50), and Onekama Building Supply (\$2,902.76). Mr. Lottie requested that future bids also be sought from Somsel Lumber Company.

Ms. McCraner recommended releasing the appropriation in the amount of \$2,808.50 to the Manistee County Fair Board, and authorizing County Administration to make a budget amendment with funds being taken from the Soil Conservation District appropriation line item. No alternative recommendation was proposed.

The Committee considered approving the payment of unused accumulated vacation and personal hours to Gerald Majchrzak, former employee of the Manistee County Sheriff's Office, who retired from County employment effective January 15, 2008.

Ms. McCraner recommended approving the payment of unused accumulated vacation and personal hours to Gerald Majchrzak in the amount of \$3,527.22. No alternative recommendation was proposed.

The Committee next considered approving the payment of the County's share of the legal defense fees to the Charter Township of Filer in the TES Filer City Station tax appeal.

Mr. Kowalski recommended approving the payment of \$1,543.40 to the Charter Township of Filer for legal defense fees in the TES Filer City Station tax appeal. Payment to be made from the County legal defense fund #259. No alternative recommendation was proposed.

Chad Collins of Wayward Graphics presented the findings of the Digital Orthophoto Project assessment that he has been working on with the County Equalization Department (APPENDIX C). Bids on five different options were received from Sanborn/Allied, Williams Aerial, Aerocon, and Pictomery. Mr. Collins stated that he felt Option 1 with Sanborn/Allied was the best option for the County if the City was not involved, and that Option 2 with Sanborn/Allied was the best option if the County partnered with the City of Manistee. Some of the advantages of Sanborn/Allied include the following:

1. They offer the lowest price.
2. They use a digital aerial camera.
3. They will acquire additional imagery of the Central Business District and Commercial areas of the City of Manistee to reduce building lean on taller buildings/bridges.
4. They will use a local surveying company (Abonmarche) for control survey activities.
5. They will compile a new Digital Elevation Model (DEM).

It was mentioned that the Road Commission's contribution to this project will be painting white targets/control points that Ms. Rohdy has marked on a map. It was also noted that there is a State of Michigan Imagery Grant with an application deadline of July 1, 2008. If the County goes with the lowest bid for Option 2 and receives the grant, it would be in the amount of \$12,217.50. Receiving the grant also allows the imagery to be freely available to the public on the State website at a reduced resolution, and all resolutions would be available to State and Federal agencies. The creation of a GIS group was briefly discussed.

Ms. McCraner recommended that Manistee County contract with Sanborn/Allied for the Manistee County Digital Orthophotography project at a cost of \$81,450.00, and that the County partner with the City of Manistee who will pay \$6,000.00 towards the project, and that the County apply for the State of Michigan Imagery Grant, and that the Manistee County Board of

Commissioners' Chairperson is authorized to sign the contract with Sanborn/Allied after review by legal counsel. No alternative recommendation was proposed.

ITEMS NOT REQUIRING BOARD ACTION

The Committee considered approving payment due from the Manistee County Homeland Security Fund as reimbursement for a new 40KW Guardian Generator, which was approved for purchase through a 2004 Homeland Security Grant. These grant funds were deposited with the County, however, something was paid from the Homeland Security Grant Fund, leaving it with a \$0.00 balance. The issue was tabled with a request that Ken Hilliard, Emergency Management Coordinator, come to next month's Committee meeting with documentation showing where these funds went.

The Committee scheduled a meeting for Tuesday, March 4, 2008, at 8:30 A.M. to review the County's Local Revenue Sharing Board Grant applications.

Mr. Kaminski informed the Committee that the County lost the jail inmate lodging contract with Wexford County, which was approximately \$100,000.00 of revenue annually.

Mr. Kaminski stated that he had sent a letter to the Library and 911 concerning possible millage election dates. The language for the millage renewals will have to come before this Committee.

Mr. Kaminski also mentioned that he is still researching the NACO Prescription Drug Program.

The meeting adjourned at 11:40 A.M.

Ervin Kowalski, Chairperson

Glenn Lottie, Commissioner

Janice McCraner, Commissioner



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(APPENDIX - 1)

PLANNING DEPARTMENT
231-723-6041
Fax 231-723-1718
planning@manisteecounty.net

MEMO

TO : Ervin Kowalski, Chairperson; Janice McCraner, Glenn Lottie (Ways and Means Committee); Thomas D. Kaminski, County Controller/Administrator
FROM: Sue Wagner, County Planner *SW*
RE : 2008 Remonumentation Bids
DATE : January 28, 2008

On January 8, 2008 when the Ways and Means Committee first discussed the bids for the 2008 remonumentation program you decided to wait until your February meeting to make a decision. During this time period I was to gather information which may answer some of the questions you had regarding the bids.

I sent an email to Maynard Dyer. Mr. Dyer is the Director of the Office of Land Survey and Remonumentation in Lansing. Attached is a copy of his two replies. He does mention that remonumentation work should be by a Qualifications-Based Selection and negotiated fees, not bids. This had been done until 2005 when Abonmarche raised their price significantly and the County Board requested bids be solicited.

Also enclosed is a copy of a letter I received from Ted Weinert of TW Land Surveying, LLC.

I am enclosing copies of all the original bids for your review. There will be two sets: one for the general remonumentation work and one for the GPS work.

If you have any questions, please call me.

— Original Message —

From: Dyer, Maynard R (DLEG)
To: Sue Wagner
Sent: Wednesday, January 23, 2008 3:13 PM
Subject: RE: GPS bids

A-2

Hi Sue

I take "GPS work" to mean determine MCS83 coordinates on corners. There are written specifications for taking the measurements either by GPS methods or by conventional methods that spell out what is needed for this work. Both firms should be doing the same thing. Some firms are more experienced at this type of work and some firms have newer equipment with the newest technology. Beyond that, I couldn't shed any light on why one firm charges one amount and a different firm charges some other amount.

All remon work should be by QBS and negotiated fees, not bid. The county should first establish that the firms that might be offered a contract are in fact experienced at this type of work.

There is no comparison between the work to determine the corner position and the measurements and calculations to establish the MCS83 coordinates of that point. On the first hand, science, art, and legal considerations must be present to determine the corner position. Technical procedure and proper equipment are necessary of the coordinate portion. If the initial measurements are properly made while determining the corner position those measurements can be also used to determine the coordinates for that point and probably at considerable savings. Since the initial measurements for corner location do not require the same exacting procedure often those measurements can not be used for the coordinates.

All corners established in the remon program are required to have state plane coordinates(MCS83) determined for their positions. Each county plan provides that when the county deems timely, it will do the coordinates. Each county then decides to do the coordinates at the beginning as the corner positions are defined or at some later date but at some point it is necessary to do the coordinates before a maintenance program is begun.

Just picking the companies that have qualified for the remarking of the corner position does not necessarily get qualified companies for this different type of work. Again, the companies should first be qualified for state plane coordinate work.

The only average cost is total expenditures vs. total number of corners monumented. That includes all research, supplies, equipment, peer group costs, admin cost, and some coordinate work costs as well. We have not singled out the expenses of the coordinate work alone. I did pull a few 2007 grant applications and a few 2008 applications to see what was budgeted for his work. Most of the following numbers includes some administration costs and some even include some supplies. I grabbed some counties that I knew are doing some coordinate work.

County	2007 budget	# of coordinates	ave. cost	2008 budget	# of coordinates	ave. cost
Kalamazoo	\$6,000	40	\$150	\$ 2500	20	\$125
Kent	50,000	99	505	105000	-	-
Macomb	18731	25	749	33494	51	656
Manistee	4200	6	700	4000	6	666
Marquette	5000	120	41	3000	71	42
Oakland	43890	266	165	43890	266	165
Ottawa	265994	296	898	805141	1302	618
St. Clair	19550	45	434	21483	37	580
Wayne	105100	202	520	81800	148	552

Marquette measures all corners with GPS meeting the requirements for MCS83 coordinates. Then only the processing needs to be done after that. It is extremely expensive to do the corners a few at a time and when the adjacent corners are done the completed one needs to be verified again to assure a seamless match. It is much more efficient to do larger projects for coordinates like an entire township and the results will be much better mathematically as well.

I'm not sure this has helped much. Please let me know if you have more questions.

Sue Wagner

From: "Dyer, Maynard R (DLEG)" <dyerm1@michigan.gov>
To: "Sue Wagner" <swagner@manisteecounty.net>
Sent: Friday, January 25, 2008 4:11 PM
Subject: RE: GPS bids

A-3

We have a cost per corner calculated for all expenditures/total number of corners for all reports through 2005. The cost per corner for Manistee County including all costs including some state plane coordinates as reported was \$423.46 per corner. State wide average was 733.85 and costs ranged from 294.78 in Gogebic County to 2979.51 in Wayne County. There is just no way for our office to evaluate the factors that cause increased costs for the corner work. There are the obvious of course. Hard to deal with the volume of documents back to the early 1700s and most all corners being located in a concrete road and high traffic volumes. On the other hand, Gogebic County has very little survey documentation and I would guess no concrete roads to deal with.

The beauty of the negotiated fees is that the county can negotiate for lower fees if they think the fees are too high. In some cases, the surveyors have picked only easy corners to remon and are often willing to do the work for little or no profit. The cost per corner is unreasonably low and when the surveying firms decide that their fees have been too low the county has no way to understand that the surveyors have artificially reduced the costs and established a pattern with the county that is not reflective of actual costs. Still, doubling the cost in one year does seem a bit much to me.

If a county thinks that a contractor fees are high it can simply negotiate with a different firm or negotiate to have that firm reduce their proposal. In reality, bids or as I prefer proposals are requested from as many qualified contractors as a county wants or has available. Some counties limit the firms to those who have an office in the county. That may not be the best thing to do from an economical or a quality stand point. Membership in the peer group does not necessarily qualify a surveyor to perform the work especially when one is talking about state plane coordinate work.

There seems to be a decline in the amount of work for surveyors these days and that usually means an increase in availability. The old rule of supply and demand just might be at play more than in recent past.

I do not advocate contracting with the low bidder unless that firm has demonstrated competency in the actual type of work that they are hired to perform. It is my belief that we get what we pay for and a survey firm is entitled to receive normal fees for working on remon. I'm not sure what that is but certainly a firm couldn't stay in business if they loose money on their work. Must be a happy medium some where.

Hope this helps.



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A-4

PLANNING DEPARTMENT
231-723-6041
Fax 231-723-1718
planning@manisteecounty.net

MEMO

TO : Ways and Means Committee *SW*
FROM: Sue Wagner, County Planner
RE : 2008 Remonumentation Program Bids
DATE : January 28, 2008

Attached please find a copy of the bids received for doing the regular 2008 Manistee County Remonumentation program. Three bids were received, one from Slawinski Surveying and Mapping, one from Abonmarche and one from TW Land Surveying, LLC.

The bids are:	TW Land Surveying, LLC	\$482.50 per corner
	Abonmarche	\$580.00 per corner
	Slawinski Surveying and Mapping	\$580.00 per corner

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

A-5

**TW LAND
SURVEYING, LLC**

Theodore H. Weinert, PLS
133 South Main Street, Suite 2
P.O. Box 115
Scottville, MI, 49454-0115
Phone: 231.757.9063
Fax: 231.757.2763
Call Phone: 231.690.3022
twlandsurveying@aboglobal.net

Friday, January 18, 2008

Ms Sue Wagner
Planning Director
Manistee County Court House
415 Third Street
Manistee, Michigan.

Re: 2008 Remonumentation and GPS Corners

Dear Ms Wagner,

I thought it might help if I gave a little back ground information on myself, my employees and equipment to help the committee to make a decision on the recent bids I submitted.

First I have been a registered Land Surveyor in the State of Michigan since 1972. I received my degree in Land Surveying, from Ferris State University in 1965. I worked for many Land Surveying and Engineering firms though out Michigan until 1979. In 1980 I worked for Mr. Kenneth L. Ross, PLS, Mason County Surveyor, completing land surveys and control surveys for Consumers Energy. In 1988 I went to work for the Mason County Road Commission completing all phases of road construction planning, design and construction layout. In 2004 I retired from the Road Commission and formed my own Land Surveying Firm. I have completed all phases of land surveying from property surveys to construction layout and control. Most recently we have and are in the process of completing a project for Mr. Joe Kittlaus, Martin Marietta setting X-Y-Z coordinates on a well site. I have done Remonumentation work for Mr. Kenneth L. Ross, Mason County Surveyor since the inception of the Remonumentation program.

My Survey Technician, Mr. Kevin Pitchard has extensive GPS experience and will be the Technician in charge of the GPS work in Manistee County. He has been employed in the Land Surveying field since 1980. He has completed Cadastral Surveys and GIS Surveys in Batesville, Indiana in the early 1990 while working For Mr. Sam Barnett, PLS, Branch Michigan who had subcontracted with Row Engineering out of Flint Michigan to complete this work. He completing this work he used Trimble GPS equipment. He has performed re-monumentation work under the direction of Kenneth L. Ross, Sam Barnett and James T. Nordlund in Mason, Manistee and Newaygo Counties. While working for Nordlund

A-6

January 18, 2008

and Associates he worked with an Ashtech GPS unit setting RFV radar units and Blacker Airport using existing First and Second order NGS Triangulation monuments to document X-Y-Z State plain coordinates. Mr. Pitchard came to work for me in 2005 and has been a steady employee since that time. With his extensive GPS experience I have no problem leaving him in charge of the Manistee GPS monumentation project under my supervision.

Survey Technician Matt Jones has worked for me since 2004 and has extensive GPS experience also. He worked in the Lansing area moving to Ludington and worked for Nordlund and Associates until coming to work for me. He is experienced in the same equipment that Mr. Pitchard used while working for me and for Nordlund and Associates. I also have no problem placing him out completing work in the Manistee GPS project or Remonumentation Project.

I have just touched on the experience of my employees and myself. If you desire more information please let me know.

The equipment I have is the following:

Two TopCon Electronic Total Stations with data collectors

One TopCon Hiper Lite Plus GPS system and data collector. This GPS system not only uses the American satellites it also use the Russian Gloencos satellites giving us about twice as many Satellites to use while completing this GPS project.

I have two fully equipped field trucks stocked with the standard Land Surveying equipment. In the office I have two computers and two Lap Top Computers that we can use in the field if we so desire. along with the necessary software, printers and plotters to complete Land Surveying, GPS and re-monumentation work including any construction layout and control.

If the committee would like to meet with my employees and myself, I will gladly bring them with me to the meeting on the second Tuesday of February at 9:00 A.M.. I have discussed this GPS program with them extensively and we feel that we can do it for the bid price we submitted. I have no idea why the other bid is so much higher but that is not for me to comment on. The only way to prove to you and the committee is to give me a chance to complete this project for you.

Sincerely,

TW Land Surveying, LLC



Theodore H. Weinert, PLS

A-7

**TWLAND
SURVEYING, LLC**

Theodore H. Weinert PLS
133 South Main Street, Suite 2
P O. Box 115
Scottville, Mi, 49454-0115
Phone: 231.757.9063
Fax: 231.757.2763
Cell Phone: 231.690.3022
twlandsurveying@abcglobal.net

Monday, December 31, 2007

Ms Sue Wagner
Planning Director
Manistee County Court House
415 Third Street
Manistee, Mi., 49660

Re: 2008 REMONUMENTATION BID

Please except the bid of \$482.50 per Corner to complete the Re-monumentation of the corners as presented in your invitation to bid for the 2008 Remonumentation Program.

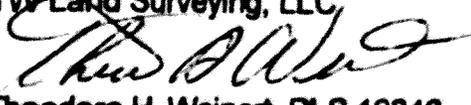
I have all the necessary qualifications to complete this work. I have completed re-monumentation work in the Mason County Area since the re-monumentation program began for Mr. Kenneth L. Ross, PLS, Chairman of the Mason County Re-monumentation Program.

Upon bid award I will submit the necessary insurance and documentation required by the bid documents. If you have any questions please feel free to call me at the above listed numbers.

Thank You for giving me this opportunity to submit a bid proposal for this project.

Sincerely,

TW Land Surveying, LLC



Theodore H. Weinert, PLS 19846

A-8



ABONMARCHÉ
Confidence By Design

January 2, 2007

Sue Wagner, Planning Director
Manistee County Planning Department
415 Third Street
Manistee, MI 49660

ENGINEERS
ARCHITECTS
PLANNERS
SURVEYORS

RE: 2008 Remonumentation Bid

Dear Mrs. Wagner,

Abonmarche Consultants, Inc. is please to provide this proposal for surveying services to complete the 2008 remonumentation project.

Craig R. Stapley, P.S. and Patrick G. Bentley, P.S. are current members, in good standing, of the Manistee County Peer Group. Mr. Stapley and Mr. Bentley will oversee and be responsible for work performed under the 2008 remonumentation program. Abonmarche also has two full time survey technicians that have combined survey experience of 39 years who will also be dedicated to assisting in the completion of the project.

The work performed shall comply with the Monumentation & Remonumentation Plan for Manistee County minimum standards as indicted in the bid specifications.

We have reviewed the comers listed in appendix "B" of the bid specifications, and offer to complete the comers selected by the Manistee County Surveyor for \$560 per corner.

Abonmarche has completed Manistee County Remonumentation projects from 1997-2004 & 2006-2007 in a timely manner each year. References as to the quality of work we have provided would be:

- Mr. Ken Ross PS, Vice Chair to the Manistee County Peer group & elected Mason County Surveyor, who is available at (231) 757-9067.
- Mr. Sam Barnett PS, who is available at (231) 898-2234.

Both are current members of the Manistee County Peer group in good standing.

361 First Street
Manistee, MI 49660
T. 231-723-1198
F. 231-723-1194
www.abonmarche.com

BENTON HARBOR, MI
SOUTH HAVEN, MI
SOUTH BEND, IN
FORT WAYNE, IN

A-9



Our work shall be completed prior to November 30, 2008. A copy of our insurance certificate is attached.

Thank you for considering Abonmarche for this important project.

Sincerely

Abonmarche Consultants, Inc.

A handwritten signature in black ink, appearing to read 'Craig R. Stapley'.

Craig R. Stapley, P.S.
Survey Manager-Manistee Division

A handwritten signature in black ink, appearing to read 'Patrick G. Bentley'.

Patrick G. Bentley, P.S.
GPS Coordinator

A handwritten signature in black ink, appearing to read 'Jeffrey W. Mikula'.

Jeffrey W. Mikula
Vice President, Manistee Division

Attachments: Insurance Certificate

ACORD CERTIFICATE OF LIABILITY INSURANCE A-10

DATE (MM/DD/YYYY)
12/18/2007

PRODUCER (269)983-7101 FAX (269)983-7100
Insurance Management Service
501 Main St., P.O. Box 88
St. Joseph, MI 49085

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Cincinnati Insurance Co.	10677
INSURER B: Cincinnati Indemnity Co.	23280
INSURER C: CNA	
INSURER D:	
INSURER E:	

INSURED Abemarche Consultants, Inc
95 West Main St.
P.O. Box 1088
Benton Harbor, MI 49022

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

TYPE	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE	POLICY EXPIRATION DATE	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual <input checked="" type="checkbox"/> ECU GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-SUBJECT <input type="checkbox"/> LOC	CFF0412948	07/01/2006	07/01/2008	EACH OCCURRENCE \$ 500,000 DAMAGE TO RENTED PREMISES (EA OCCURRENCE) \$ 300,000 MED EOP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 500,000 GENERAL AGGREGATE \$ 500,000 PRODUCTS - COMP/OP AGG \$ 500,000
	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	CPA0412948	07/01/2007	07/01/2008	COMBINED SINGLE LIMIT (EA accident) \$ 500,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$
	EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$	CCC1184707	07/01/2006	07/01/2008	EACH OCCURRENCE \$ 7,000,000 AGGREGATE \$ 7,000,000 \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	WC1849883	07/01/2007	07/01/2008	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
	OTHER Professional Liability	AEE004315383	06/28/2007	06/28/2008	\$1,000,000/\$2,000,000 \$50,000 Deductible
	DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS				

CERTIFICATE HOLDER

Manistee County Planning Department
See Wagner, Manistee County Planner
415 Third Street
Manistee, MI 49660

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
Debra Smith/DSMITH

Debra Smith

A-11

IMPORTANT

If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

Slawinski Surveying and Mapping

11763 N. LaSalle Road
Manistee, Michigan 49660
231-690-9795

A-12

January 4, 2008

Manistee County Remonumentation Committee
C/o Manistee County Planning Department
415 Third Street
Manistee, Michigan 49660

In regards to the 2008 Remonumentation bids as sent to me in December 2007, I submit the following bid.

The cost per corner to include all necessary paperwork and filing as referenced in the work program Appendix A.

Cost per corner.....\$580.00

The above cost includes the recording of the final documents as per State of Michigan requirements.

My insurance certificate is attached from the Boyer agency.

Robert M. Slawinski, P.S.



INSURANCE BINDER

OP 10 KB

DATE (MM/DD/YYYY)
01/04/2008**THIS BINDER IS A TEMPORARY INSURANCE CONTRACT, SUBJECT TO THE CONDITIONS SHOWN ON THE REVERSE SIDE OF THIS FORM**

AGENCY

Charles A. Boyer, Inc.
250 River Street
Manistee MI 49660

J. Michael Della Pia

PHONE (A.C. No. Exp): 231-723-6283

FAX (A.C. No.): 231-723-9606

CODE: 010048

SUB CODE:

AGENCY CUSTOMER: SLAWI-1

INSURED

Slawinski Surveying, L.L.C.
11763 North LaSalle Road
Manistee MI 49660

COMPANY

Auto Owners Insurance Company

BINDER # 4081

DATE EFFECTIVE

01/04/08

TIME

12:01

 AM
 PM

EXPIRATION DATE

02/03/08

TIME

 12:01 AM
 NOC

THIS BINDER IS ISSUED TO EXTEND COVERAGE IN THE ABOVE NAMED COMPANY PER EXPIRING POLICY # APPLICATION

DESCRIPTION OF OPERATIONS/VEHICLE/PROPERTY (Including Location)

Contractors program - surveyor

A-13

COVERAGES

TYPE OF INSURANCE

COVERAGES/FORMS

LIMITS

PROPERTY CAUSES OF LOSS
 BASIC BROAD SPEC

GENERAL LIABILITY

 COMMERCIAL GENERAL LIABILITY
 CLAIMS MADE OCCUR

RETRO DATE FOR CLAIMS MADE:

AUTOMOBILE LIABILITY

 ANY AUTO
 ALL OWNED AUTOS
 SCHEDULED AUTOS
 HIRED AUTOS
 NON-OWNED AUTOSAUTO PHYSICAL DAMAGE DEDUCTIBLE
 COLLISION
 OTHER THAN COL: ALL VEHICLES SCHEDULED VEHICLES

GARAGE LIABILITY

 ANY AUTO

EXCESS LIABILITY

 UMBRELLA FORM
 OTHER THAN UMBRELLA FORM

RETRO DATE FOR CLAIMS MADE:

WORKERS COMPENSATION AND EMPLOYER'S LIABILITY

EACH OCCURRENCE \$ 500000

DAMAGES TO RENTED PREMISES \$

MED EXP (Any one person) \$

PERSONAL & ADV INJURY \$ 500000

GENERAL AGGREGATE \$ 500000

PRODUCTS - COMP/OP AGG \$

COMBINED SINGLE LIMIT \$

BODILY INJURY (Per person) \$

BODILY INJURY (Per accident) \$

PROPERTY DAMAGE \$

MEDICAL PAYMENTS \$

PERSONAL INJURY PROT \$

UNINSURED MOTORIST \$

\$

\$

ACTUAL CASH VALUE \$

STATED AMOUNT \$

OTHER \$

AUTO ONLY - EA ACCIDENT \$

OTHER THAN AUTO ONLY:

EACH ACCIDENT \$

AGGREGATE \$

EACH OCCURRENCE \$

AGGREGATE \$

SELF-INSURED RETENTION \$

WC STATUTORY LIMITS

EL EACH ACCIDENT \$ 100000

EL DISEASE - EA EMPLOYEE \$ 100000

EL DISEASE - POLICY LIMIT \$ 500000

FEES \$

TAXES \$

ESTIMATED TOTAL PREMIUM \$

SPECIAL CONDITIONS/OTHER COVERAGES

NAME & ADDRESS

MORTGAGE

LOSS PAYEE

ADDITIONAL INSURED

LOAN #

AUTHORIZED REPRESENTATIVE

J. Michael Della Pia



Manistee County Courthouse • 415 Third Street • Manistee, Michigan 49660

PLANNING DEPARTMENT
231-723-6041
Fax 231-723-1718
planning@manisteecounty.net

A-14

MEMO

TO : Ways and Means Committee
FROM: Sue Wagner, County Planner *sw*
RE : 2008 Remonumentation GPS Program Bids
DATE : January 28, 2008

Attached please find a copy of the bids received for doing the GPS work for the 2008 Manistee County Remonumentation program. Two bids were received, one from Abonmarche and one from TW Land Surveying, LLC.

The bids are:	TW Land Surveying, LLC	\$362.50 per corner
	Abonmarche	\$686.67 per corner

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

**TW LAND
SURVEYING, LLC**

Theodore H. Weinert, PLS
133 South Main Street, Suite 2
P.O. Box 115
Scottville, MI, 49454-0115
Phone: 231.757.9063
Fax: 231.757.2763
Call Phone: 231.690.3022
twlandsurveying@abcglobal.net

A-15

Monday, December 31, 2007

Ms Sue Wagner
Planning Director
Manistee County Court House
415 Third Street
Manistee, MI., 49660

Re: 2008 REMONUMENTATION GPS BID

Please except the bid of \$362.50 per Corner to complete the GPS monumentation of the corners as presented in your invitation to bid for the 2008 GPS monumentation Program.

I have all the necessary qualifications to complete this work. I have completed re-monumentation work in the Mason County Area since the re-monumentation program began for Mr. Kenneth L. Ross, PLS, Chairman of the Mason County Re-monumentation Program.. I have the necessary GPS equipment and staff to complete this GPS monumentation.

Upon bid award I will submit the necessary insurance and documentation required by the bid documents. If you have any questions please feel free to call me at the above listed numbers.

Thank You for giving me this opportunity to submit a bid proposal for this project.

Sincerely,

TW Lang Surveying, LLC


Theodore H. Weinert, PLS 19846

A-16



ABONMARCHE

Confidence By Design

ENGINEERS
ARCHITECTS
PLANNERS
SURVEYORS

361 First Street
Manistee, MI 49660

T. 231-723-1198

F. 231-723-1194

www.abonmarche.com

BENTON HARBOR, MI
SOUTH HAVEN, MI
SOUTH BEND, IN
FORT WAYNE, IN

December 20, 2007

Manistee County Planning Department
Sue Wagner, Manistee County Planner
415 Third Street
Manistee, MI 49660

RE: Proposal for GPS Surveying Services
Manistee County Remonumentation Program

Dear Mrs. Wagner

Abonmarche Consultants, Inc. is pleased to submit the following proposal to provide G.P.S. surveying services. We feel we are uniquely qualified for this project due our expertise in this type of GPS work. We live and work in Manistee County everyday. Patrick Bentley, P.S. is a member of the Michigan Society of Professional Surveyors Board of Directors and sits on the State of Michigan GPS Ad-Hoc committee (working on re-writing PA 345 with respect to the GPS portion of the law).

The services provided will be completed in accordance with P.A. 345 (State Survey and Remonumentation) and the Manistee County specifications provided in the RFP. We will make every effort to complete the work for the six approved corners. This will allow the county to adhere to the original agreement with the State of Michigan and lessen paper work associated with using corners from the alternate list. We would supply the following to Manistee County for each corner completed as specified in the provided Global Positioning System Contract:

- NAD 27 Latitude and Longitude
- State Plane Coordinates - Central Zone
- Lambert Projection in US survey feet
- NAVD 29 elevation in feet

- NAD 83 Latitude and Longitude
- State Plane Coordinates - Central Zone
- Lambert Projection in meters
- NAVD 88 elevation in meters

A-17



We will also provide a written summary of the work, reports and other pertinent information generated during the processing of the collected data as required by P.A. 345. A custom report will also be generated which will have all of the specified data on it so the Manistee County Planning Department can quickly submit our results electronically to the State of Michigan.

Abonmarche has completed the GPS portion of the Remonumentation project for Manistee County for the years 2000 to 2004. During each of those five years we have:

- Completed the work ahead of the due date on the contract, which has allowed the Grant Administrator ample time to submit the results to the State of Michigan.
- We have finished the project within the allotted budget. This has allowed the Grant Administrator to adhere to the original grant agreement without having to execute amendments.
- We have established a great working relationship with the State of Michigan Department of Survey and Remonumentation. This working relationship has led to open dialog between our two offices, which allows questions to be quickly answered, which benefits our office as well as the Manistee County Planning Department.

This project will be completed under the supervision of two professional surveyors who are licensed in the State of Michigan. The remaining five approved corners are located in Highway US 31. Extra care will be taken to protect survey personnel and GPS equipment by adhering to the Michigan Manual of Uniform Traffic Control Devices (Part VI- Construction and Maintenance) while working within Highway US 31.

Our proposed fee for this project is **\$4,120 (\$486.67 per corner)**. This price includes time and materials associated with the completion of the 2008 G.P.S. Remonumentation project.

A-18



Breakdown of bid expenses:

- 2 hours for a 2-person crew (non GPS crew) to do field reconnaissance and sky plots for the corners to be included in this survey. \$240
- 2 hours for mission planning based on the sky plots and the position of the satellites for each individual corner. \$150
- 20 hours for a 2-person GPS crew to double occupy all the corners to be included in this GPS network. \$2890
- 2 hours for conventional survey crew to traverse between GPS corners as required by P.A. 345. \$240
- 8 hours for data reduction and printing the final reports to be used by the Grant Administrator, for submission to the State of Michigan. \$600

TOTAL =\$4,120

(\$686.67 per corner)

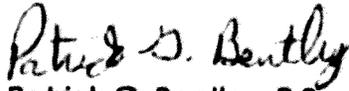
A-19



Your signature on our attached Professional Services Agreement returned to our office, shall serve as authorization for us to proceed. We look forward to assisting you with this project.

Sincerely,

ABONMARCHE


Patrick G. Bentley, P.S.
Land Surveyor / GPS Coordinator


Jeffrey W. Mikula
Vice President, Manistee Division

PC: Craig R. Stapley, P.S. Survey Manager-Manistee Division

Attachment – Professional Services Agreement
Insurance Certificate

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/18/2007

PRODUCER (269)983-7101 FAX (269)983-7100
Insurance Management Service
501 Main St., P.O. Box 88
St. Joseph, MI 49085

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED Abenmarche Consultants, Inc
95 West Main St.
P.O. Box 1088
Benton Harbor, MI 49022

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Cincinnati Insurance Co.	10877
INSURER B: Cincinnati Indemnity Co.	23280
INSURER C: CNA	
INSURER D:	
INSURER E:	

COVERAGES
THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSURANCE TYPE	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE	POLICY EXPIRATION DATE	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual <input checked="" type="checkbox"/> XCO GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	CFF0412948	07/01/2006	07/01/2008	EACH OCCURRENCE \$ 500,000 DAMAGE TO RENTED PREMISES (EA OCCURRENCE) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 500,000 GENERAL AGGREGATE \$ 500,000 PRODUCTS - COMPROP AGG \$ 500,000
	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	CFA0412948	07/01/2007	07/01/2008	COMBINED SINGLE LIMIT (EA accident) \$ 500,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$
A	EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE \$ <input checked="" type="checkbox"/> RETENTION \$	CCC1154707	07/01/2006	07/01/2008	EACH OCCURRENCE \$ 7,000,000 AGGREGATE \$ 7,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	WC1849883	07/01/2007	07/01/2008	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
C	Professional Liability	AKE004315383	06/28/2007	06/28/2008	\$1,000,000/\$2,000,000 \$50,000 Deductible

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

 Manistee County Planning Department
 Sue Wagner, Manistee County Planner
 415 Third Street
 Manistee, MI 49660

CANCELLATION
 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.
 AUTHORIZED REPRESENTATIVE
 Debra Smith/BSMITH *Debra Smith*

A-21

IMPORTANT

If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

MANISTEE ACE HARDWARE & LUMBER

**1425 US 31 SOUTH
MANISTEE, MI 49660**

PHONE: (231) 723-9145

(APPENDIX B-1)

Cust No	Job No	Purchase Order	Reference	Terms	Clerk	Date	Time
75				CASH, PREPAID, BANK/DPO	TF	07-1-78	11:11

Sold To:
**** TASH ****

Ship To:
Manistee County Fairgrounds

EXP. DATE: 07-31-78 EST. 117835
 TERM# 951
 * ESTIMATE *
 TAX : MI MI STATE TAX EST. 117835

LNS	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	SUQS	UNITS	PRICE/PER	EXTENSION
1		20	EA	21016T	2X10X16 TREATED		20	27.95 /EA	559.00
2		5	EA	21016T	2X10X16 TREATED		5	27.45 /EA	139.75
3		15	EA	21012T	2X10X12 TREATED		15	17.47 /EA	269.55
4		12.50	EA	21016T	2X10X16 TREATED		12.50	27.95 /EA	349.38
5		40	EA	2816T	2X8X16 TREATED		40	19.75 /EA	790.00
6		10	EA	2816T	2X8X16 TREATED		10	19.75 /EA	197.50
7		50	EA	2812T	2X8X12 TREATED		50	12.97 /EA	648.50
8		25	EA	2816T	2X8X16 TREATED		25	19.75 /EA	493.75
9		20	EA	H812578	HDG CARR SCRW 3/RX2 1/2		20	15.99 /EA	319.80
10		10	EA	H810509	GALV BX NUTS USS 3/8-16		10	9.09 /EA	90.90
11		10	EA	H811072	GALV.FLAT WSH C-PAK 3/8		10	9.29 /EA	92.90

Manistee

TIM & LAURA FOGARTY
Owners



HARDWARE & LUMBER

Whatever You Need • Whenever You Need It!

Open 7 Days

1425 US 31 South
Manistee, MI 49660
231.723.9145
FAX 231.723.9201



TAXABLE 1941.03
 NON-TAXABLE 0.00
 SUBTOTAL 1941.03

** ESTIMATE ** ESTIMATE ** ESTIMATE ** ESTIMATE **

TAX AMOUNT 0.00
 TOTAL AMOUNT 1941.03

X



Onekama Building Supply
 P.O. Box 419
 4847 Main Street
 Onekama, MI 49675
 Phone (231) 889-3456
 Fax (231) 889-3633

**CUSTOMER COPY
 QUOTE**

B-3

BOLD TO
CASH-ONEKAMA

SHIP TO
LINDENMAN, WAYNE
.....NET PRICES.....

ACCT. NO.	PROJECT
CASH	000
02/08/08	02/20/08
08:43:13	
QUOTE	
COURT. NO. NO.	

*****QUOTE*****
 ** EXPIRATION DATE - 02/20/08 **
 *****QUOTE*****

SLSP:24 CSHR:24
 [LAB7] 3000-300 PAGE 1

QTY	UNIT	DESCRIPTION	QTY. ORDER	UNIT PRICE	UNIT	NET AMT.
QUOTE TO 5 ROWS						
20	EACH	2X10X16 TREATED - ABOVE GROUND	20	17.750	EACH	355.00
5	EACH	2X10X16 TREATED - ABOVE GROUND	5	15.000	EACH	75.00
15	EACH	2X10X12 TREATED - ABOVE GROUND	15	13.500	EACH	202.50
25	EACH	2X10X8 TREATED - ABOVE GROUND	25	8.130	EACH	203.25
40	EACH	2X8X16 TREATED - ABOVE GROUND	40	13.310	EACH	532.40
10	EACH	2X8X14 TREATED - ABOVE GROUND	10	11.130	EACH	111.30
50	EACH	2X8X12 TREATED - ABOVE GROUND	50	10.000	EACH	500.00
50	EACH	2X8X8 TREATED - ABOVE GROUND	50	6.380	EACH	319.00
1000	EACH	3/8" X 2.5" GALV CARRIAGE BOLT	1000	0.300	EACH	300.00
1000	EACH	3/8" GALVANIZED FLAT WASHER	1000	0.060	EACH	60.00
1000	EACH	3/8" GALVANIZED HEX NUT	1000	0.060	EACH	60.00
METHOD OF PAYMENT						
MI 6.0000						SUBTOTAL 2738.49
						SALDOTAL 164.31
Please Pay This Amount						2902.76

Signature _____
 ANALYSIS OF BALANCE DUE
 ACCOUNTS Purchase invoices during each billing period are due by the 10th of the following month. FINANCE CHARGES ARE
 ADDED TO THE PAST DUE AMOUNTS shown below at the rate of 1.25 PER MONTH \$.00 MINIMUM (15 PER ANNUM).
 Materials returned must be in resalable condition and accompanied with a sales slip within 90 days of purchase.
 A DELINQUENCY CHARGE MAY BE CHARGED ON PAST DUE

2008 Manistee County Digital Orthophoto Project Needs Assessment Cost Breakdown									
*does not include oblique imagery pricing...									
RFP Option 1	Sanborn/Allied	Williams Aerial	Aerocon	Deliv. Oct. 31st	Deliv. Dec. 31st	Pictometry			
Manistee County	\$75,450.00	\$111,009.00		\$147,390.00	\$123,810.00	TBD			
City of Manistee	\$0.00	\$0.00		\$0.00	\$0.00	TBD			
RFP Option 2	Sanborn/Allied	Williams Aerial	Aerocon			Pictometry			
Manistee County	\$75,450.00	\$111,009.00		\$157,404.00	\$132,354.00	TBD			
City of Manistee	\$6,000.00	\$9,756.00		\$10,014.00	\$8,544.00	TBD			
RFP Option 3	Sanborn/Allied	Williams Aerial	Aerocon			Pictometry			
Manistee County	**\$59,900	\$79,692.00		\$90,532.00	\$77,452.00	TBD			
City of Manistee	\$0.00	\$0.00		\$0.00	\$0.00	TBD			
RFP Option 4	Sanborn/Allied	Williams Aerial	Aerocon			Pictometry			
Manistee County	\$67,900.00	\$79,692.00		\$101,261.00	\$86,711.00	TBD			
City of Manistee	\$6,000.00	\$7,923.00		\$10,729.00	\$9,259.00	TBD			
RFP Option 5	Sanborn/Allied	Williams Aerial	Aerocon			Pictometry			
Manistee County	\$0.00	\$0.00		\$0.00	\$0.00	TBD			
City of Manistee	**\$21,000.00	\$17,612.00		\$31,200.00 - \$34,988.00	\$23,400.00 - \$27,188.00	TBD			
	**assuming .25' or .5' imagery or else +\$3,000.00								
	**Sanborn/Allied price for Manistee County of \$59,900.00 in RFP Option 3 should have been \$67,900.00 Sanborn/Allied will honor the quote of \$59,900.00 as stated in their proposal.								

2008 Manistee County Digital Orthophoto Project Cost Breakdown			
Denotes lowest price			
RFP Option 1	Cost - Deliv. Sept. 1st	Deliv. Oct. 31st	Deliv. Dec. 31st
Sanborn/Allied	\$75,450.00	n/a	n/a
Williams Aerial	\$111,009.00	n/a	n/a
Aerocon	\$147,390.00	\$135,600.00	\$123,810.00
Pictometry	see separate pricing below		
RFP Option 2	Cost - Deliv. Sept. 1st	Deliv. Oct. 31st	Deliv. Dec. 31st
Sanborn/Allied	\$81,450.00	n/a	n/a
Williams Aerial	\$120,765.00	n/a	n/a
Aerocon	\$157,404.00	\$144,879.00	\$132,354.00
Pictometry	see separate pricing below		
RFP Option 3	Cost - Deliv. Sept. 1st	Deliv. Oct. 31st	Deliv. Dec. 31st
Sanborn/Allied	**\$59,900.00	n/a	n/a
Williams Aerial	\$79,692.00	n/a	n/a
Aerocon	\$90,532.00	\$83,992.00	\$77,452.00
Pictometry	see separate pricing below		
RFP Option 4	Cost - Deliv. Sept. 1st	Deliv. Oct. 31st	Deliv. Dec. 31st
Sanborn/Allied	\$73,900.00	n/a	n/a
Williams Aerial	\$87,615.00	n/a	n/a
Aerocon	\$101,261.00	\$93,986.00	\$86,711.00
Pictometry	see separate pricing below		
RFP Option 5	Cost - Deliv. Sept. 1st	Deliv. Oct. 31st	Deliv. Dec. 31st
Sanborn/Allied	\$21,000.00	n/a	n/a
Williams Aerial	\$17,612.00	n/a	n/a
Aerocon	\$31,200.00 - \$34,988.00	\$27,300.00 - \$31,088.00	\$23,400.00 - \$27,188.00
Pictometry	see separate pricing below		
Oblique Imagery	Cost - Deliv. Sept. 1st	*Costs in addition to Orthophotography	
Pictometry	\$36,640.00 - \$69,695.00		
Williams Aerial	\$80,000.00 - \$250,000.00		
Sanborn/Allied	\$201,600.00 - \$288,000.00		
AeroCon	n/a		
**Sanborn/Allied price of \$59,900.00 in RFP Option 3 should have been \$67,900			
Sanborn/Allied will honor the quote of \$59,900.00 as stated in their proposal.			

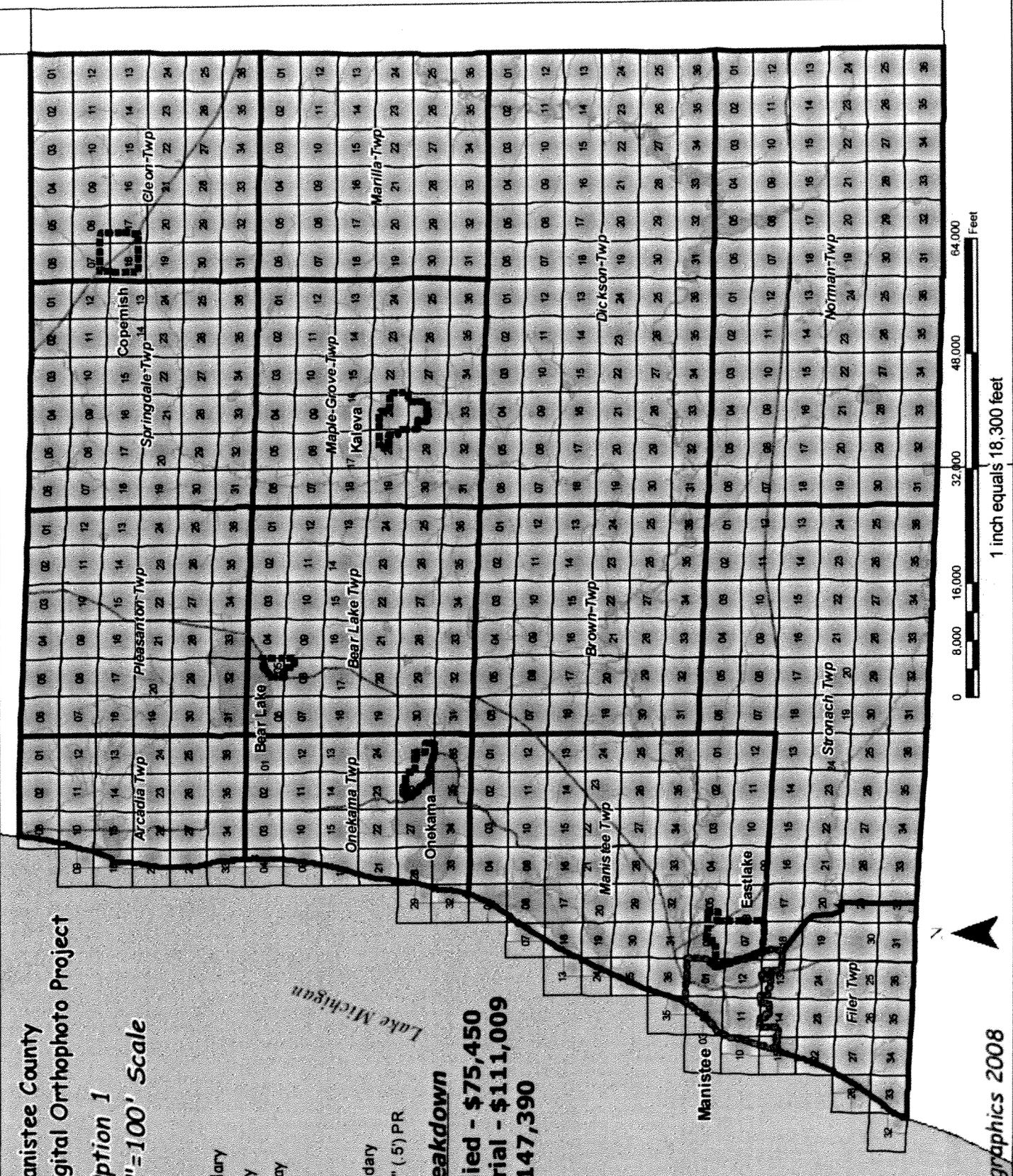
**Manistee County
Digital Orthophoto Project**

**Option 1
1" = 100' Scale**

Legend

-  Village Boundary
-  City Boundary
-  State Highway
-  Hydrology
-  Water Body
-  Section Boundary
-  100 Scale - 6" (.5') PR

Proposal Breakdown
Sanborn/Allied - \$75,450
Williams Aerial - \$111,009
Aerocon - \$147,390



**Manistee County
Digital Orthophoto Project**

Option 2

1"=100' Scale +

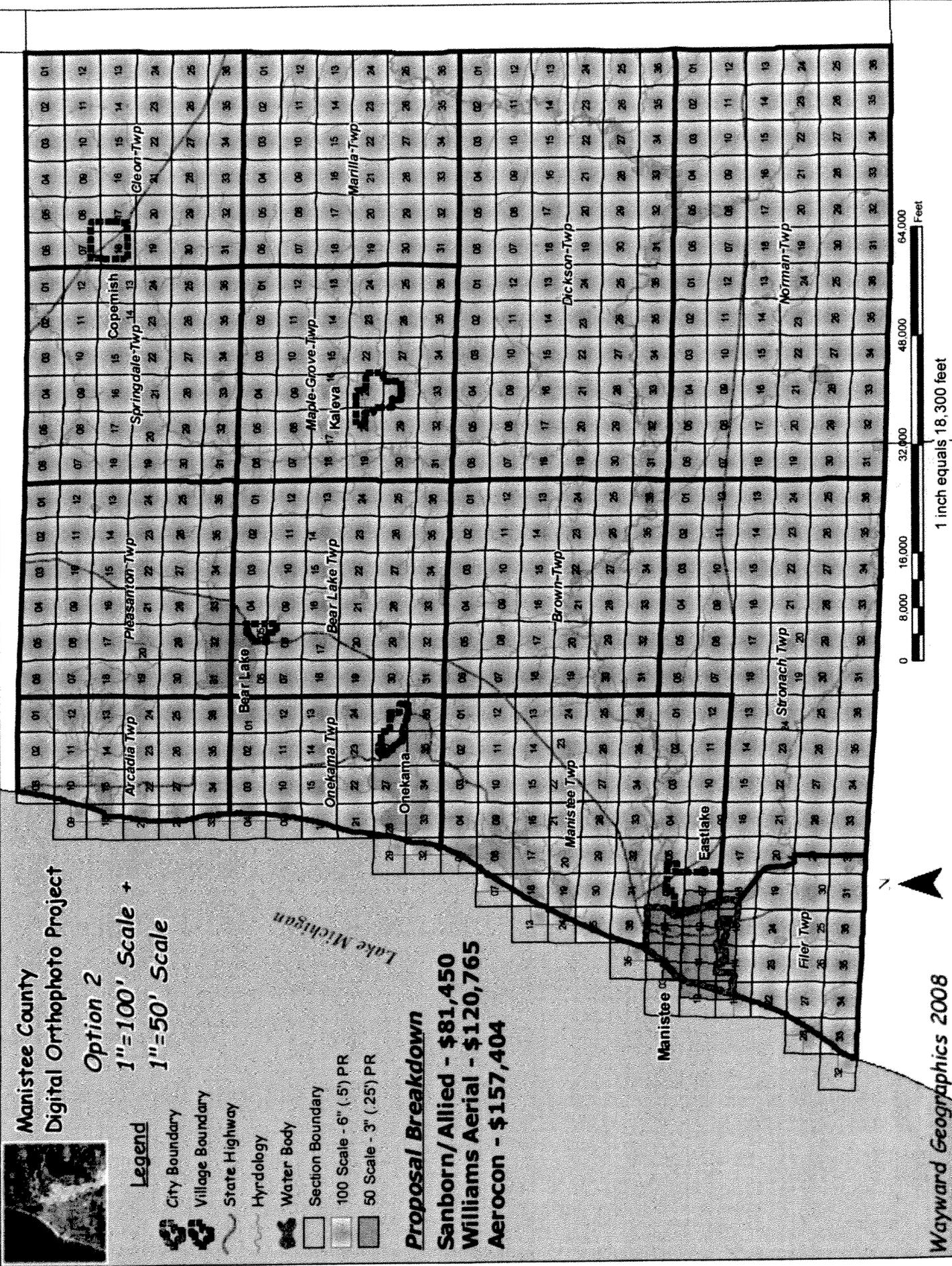
1"=50' Scale

Legend

-  City Boundary
-  Village Boundary
-  State Highway
-  Hydrology
-  Water Body
-  Section Boundary
-  100 Scale - 6" (-5') PR
-  50 Scale - 3" (25') PR

Proposal Breakdown

Sanborn/Allied - \$81,450
Williams Aerial - \$120,765
Aerocon - \$157,404



**Manistee County
Digital Orthophoto Project**

Option 3

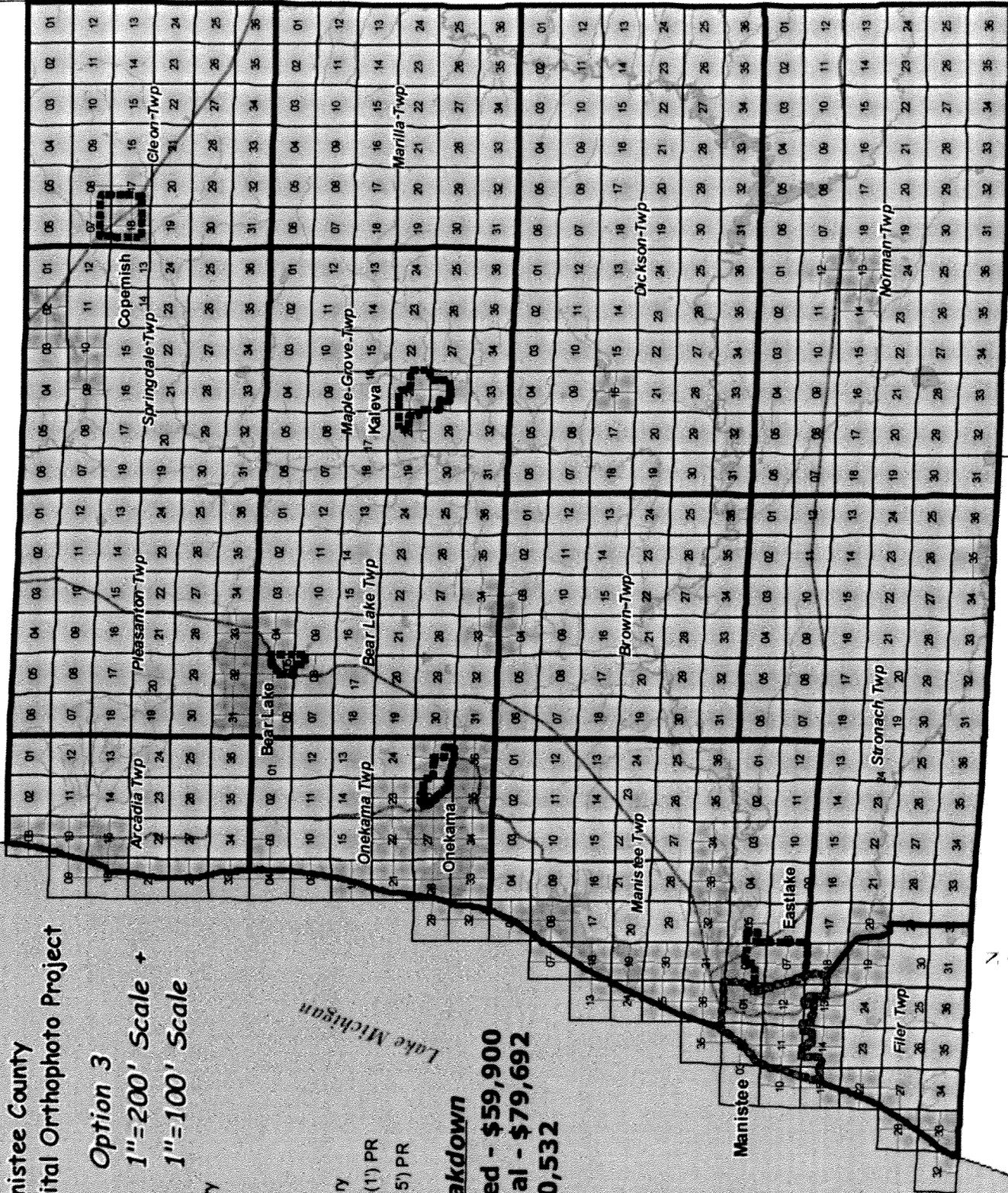
Legend
 1" = 200' Scale +
 1" = 100' Scale

-  City Boundary
-  Village Boundary
-  State Highway
-  Hydrology
-  Water Body
-  Section Boundary
-  200 Scale - 12" (1') PR
-  100 Scale - 6" (.5') PR

Proposal Breakdown

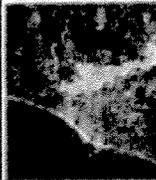
Sanborn/Allied - \$59,900
Williams Aerial - \$79,692
Aerocon - \$90,532

Lake Michigan



1 inch equals 18,300 feet

**Manistee County
Digital Orthophoto Project**



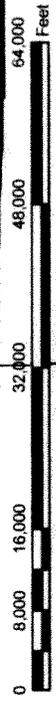
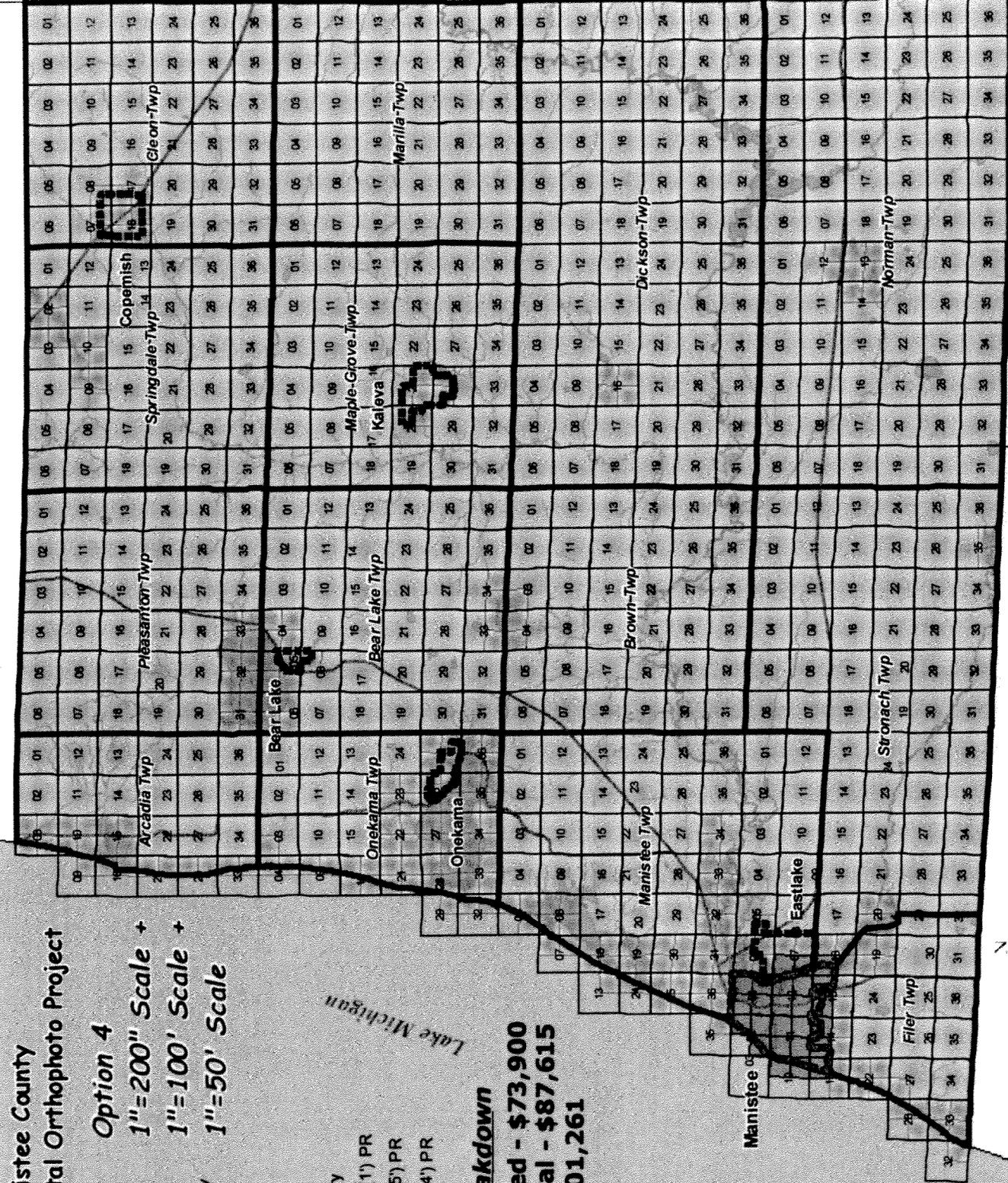
Option 4
 1"=200" Scale +
 1"=100' Scale +
 1"=50' Scale

Legend

- City Boundary
- Village Boundary
- State Highway
- Hydrology
- Water Body
- Section Boundary
- 200 Scale - 12' (1') PR
- 100 Scale - 6' (.5') PR
- 50 Scale - 3' (1/4') PR

Proposal Breakdown

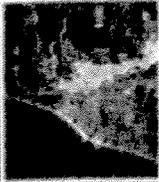
Sanborn/Allied - \$73,900
Williams Aerial - \$87,615
Aerocon - \$101,261



1 inch equals 18,300 feet



Manistee County
Digital Orthophoto Project
Option 5
2' Contours



Legend

- City Boundary
- Village Boundary
- State Highway
- Hydrology
- Water Body
- Section Boundary
- 2 Foot Contour Area

Proposal Breakdown

- Williams Aerial - \$17,612**
- Sanborn/Allied - \$21,000**
- Aerocon - \$31,200 - \$34,988**

Lake Michigan

