

# MANISTEE CITY COUNCIL

## MEETING AGENDA

TUESDAY, NOVEMBER 17, 2015 – 7:00 P.M. – COUNCIL CHAMBERS

**I. Call to Order.**

- a.) PLEDGE OF ALLEGIANCE.
- b.) ROLL CALL.

**II. Public Hearings.**

**III. Citizen Comments on Agenda Related Items.**

**IV. Consent Agenda.** All agenda items marked with an asterisk (\*) are on the consent agenda and considered by the City Manager to be routine matters. Prior to approval of the Consent Agenda, any member of Council may have an item from the Consent Agenda removed and taken up during the regular portion of the meeting. Consent agenda items include:

- V. Approval of Minutes.
- VI. a.) Approval of Payroll.  
b.) Monthly Bills.
- IX. b.) Notification Regarding Next Work Session.

At this time Council could take action to approve the Consent Agenda as presented.

**\*V. Approval of Minutes.** Approval of the minutes of the November 4, 2015 regular meeting and the November 10, 2015 organizational meeting as attached.

**VI. Financial Report.**

- \*a.) APPROVAL OF PAYROLL.

\*b.) MONTHLY BILLS.

**VII. Unfinished Business.**

**VIII. New Business.**

a.) CONSIDERATION OF AN AGREEMENT WITH THE COUNTY PROSECUTING ATTORNEY / MANISTEE COUNTY.

The City of Manistee currently has an agreement with the County Prosecuting Attorney and Manistee County to prosecute violations of certain City Ordinances, Codes and State Statutes, which are by definition misdemeanors. That agreement expires December 31, 2015. The agreement under consideration this evening would cover the period of January 1, 2016 through December 31, 2016 and allow for additional four-year periods upon written agreement of the parties. The total payment for one year of service is \$12,387.90.

At this time Council could take action to authorize an agreement with Manistee County and the County Prosecuting Attorney in the amount of \$12,387.90 for calendar year 2016.

b.) CONSIDERATION OF THE MSDDA REDEVELOPMENT LIQUOR LICENSE PROGRAM AND APPLICATION FORM.

At their meeting of July 7, 2015 City Council took action to approve a resolution establishing a Manistee Main Street Redevelopment Project Area to allow the application for and State of Michigan issuance of liquor licenses in the MSDDA District. Council also considered the first application from the Manistee Inn that same evening but requested that a standard application form be created for future consideration.

The DDA Economic Restructuring Committee has created a form for Council consideration. If approved this evening the program and form will be in place to accept applications. The DDA can make recommendations on an application but the City Council retains the right to review each application submitted for formal approval or denial.

At this time Council could take action to approve the MSDDA Redevelopment Liquor License Program and the accompanying application form.

c.) CONSIDERATION OF THE PURCHASE OF A 2016 TANDEM AXLE SNOW PLOW / HAUL TRUCK.

The Department of Public Works has budgeted with Motor Pool funds to replace truck #140 which is a 1992 Ford L8000. The replacement truck has been priced through two MiDEAL vendors. Cab and Chassis: Weiland International (Contract #3958-0160D) and Equipment: Truck & Trailer Specialties (Contract #071B5500010). Financing will be competitively bid within 60 days of the anticipated delivery date.

At this time Council could take action to authorize the purchase of a Cab and Chassis from Wieland International in the amount of \$94,145.00; and Equipment from Truck & Trailer Specialties in the amount of \$73,461.42.

d.) CONSIDERATION OF THE PURCHASE OF A 2016 TANDEM AXLE SNOW PLOW / SALT / SAND TRUCK.

The Department of Public Works has budgeted with Motor Pool funds to replace truck #134 which is a 1995 Ford L8000. The replacement truck has been priced through two MiDEAL vendors. Cab and Chassis: Weiland International (Contract #3958-0160D) and Equipment: Truck and Trailer Specialties (Contract #071B5500010). Financing will be competitively bid within 60 days of the anticipated deliver date.

At this time Council could take action to authorize the purchase of a Cab and Chassis from Wieland International in the amount of \$94,145.00 and Equipment from Truck & Trailer Specialties in the amount of \$107,909.36.

e.) CONSIDERATON OF APPLICATIONS TO BOARDS AND COMMISSIONS.

The City Clerk has taken action to advertise vacancies on the Compensation Commission, Downtown Development Authority, Harbor Commission, PEG Commission, Planning Commission, and the Zoning Board of Appeals.

All appointments by the Mayor are subject to the Council's approval, unless otherwise specified by statute or ordinance. Nominations for Council appointments do not require a second. After a member of Council nominates an individual for appointment, Council shall vote on the nomination. A majority vote in favor of placement of the nominee is required for appointment.

The following applications have been received:

**COMPENSATION COMMISSION.** Two vacancies, terms ending 09/30/17 and 09/30/19, applicants must be registered voters in the City, Mayoral appointment.

None

**DOWNTOWN DEVELOPMENT AUTHORITY.** One vacancy, term ending 06/30/19, applicants must have an interest in property in the downtown district, Mayoral appointment.

Jacquelyn Gielczyk, 2226 Staunton Street, Filer City  
James Matthews, 334 River Street

**HARBOR COMMISSION.** Two vacancies, terms ending 10/31/18, Council appointment.

None

**PEG COMMISSION.** Two vacancies, terms ending 12/31/18, applicants must be Manistee County residents, Council appointment.

Mike Tillotson, 86 Hancock, Owosso

**PLANNING COMMISSION.** Two vacancies, unexpired terms ending 10/31/16 and 10/31/17, applicant must be city resident, Mayoral appointment.

None

**ZONING BOARD OF APPEALS.** One vacancy, term ending 05/31/18 (alternate member), Mayoral appointment.

None

\*Incumbent

At this time the Mayor and City Council could take action to make appointments as noted above.

**IX. Notices, Communications, Announcements.**

- a.) A REPORT FROM THE 2-1-1 ACTION TEAM AND THE PLANNING & ZONING ADMINISTRATOR.

A regular part of each Council meeting is a report from a cooperating agency, organization or department.

At this time Ms. Evelyn Szpliet will report on the activities of the 2-1-1 Action Team and respond to any questions the Council may have regarding their activities.

At this time Ms. Denise Blakeslee will report on the activities of the Planning and Zoning Administrator and respond to any questions the Council may have regarding their activities.

No action is required on this item.

- \*b.) NOTIFICATION REGARDING NEXT WORK SESSION.

There is no work session in November. A Council work session has been scheduled for Tuesday, December 8, 2015 at 7 p.m. A discussion will be conducted on Boards/Commissions/Council Committees, Ad Hoc Deer Herd Committee report, and such business as may come before the Council.

No action is required on this item.

**X. Concerns and Comments.**

- a.) CITIZEN COMMENT. This is an opportunity for citizens to comment on municipal services, activities or areas of City involvement. Citizens in attendance shall be recognized by the Mayor for comments (limited to five minutes). Letters submitted to Council will not be publicly read.
- b.) OFFICIALS AND STAFF.
- c.) COUNCILMEMBERS.
- d.) CONSIDERATION OF A CLOSED SESSION, CITY ATTORNEY OPINION ON TWELFTH STREET.

City Attorney George Saylor recommends a Closed Session this evening to discuss an Attorney's Opinion regarding Twelfth Street as permitted by Section 8 (h) of the Michigan Open Meetings Act as involving material covered by the attorney-client privilege.

At this time Council could take action to proceed to Closed Session under Section 8 (h) of the Michigan Open Meetings Act.

**XI. Adjourn.**

RBB:cl

**COUNCIL AGENDA ATTACHMENTS:**

Council Meeting Minutes – November 4, 2015  
Council Organizational Meeting Minutes – November 10, 2015  
2015-10-15 Monthly Bills  
2015-10-27 Monthly Bills  
Prosecuting Attorney Agreement  
MSDDA Redevelopment Liquor License Program & Application Form  
2016 Tandem Axle Snow Plow / Haul Truck Purchase  
2016 Tandem Axle Snow Plow / Salt / Sand Truck Purchase  
Board & Commission Applications

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## PROCEEDINGS OF THE MANISTEE CITY COUNCIL – November 4, 2015

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A regular meeting of the Manistee City Council was called to order by her honor, Mayor Colleen Kenny on Wednesday, November 4, 2015 at 7:00 p.m. in the City Hall Council Chambers, 70 Maple Street, followed by the Pledge of Allegiance.

**PRESENT:** Colleen Kenny, Edward Cote, Roger Zielinski, Robert Goodspeed, James Smith, Mark Wittlieff, and Eric Gustad.

**ALSO PRESENT:** Interim City Manager – R. Ben Bifoss, City Attorney – George Saylor, City Clerk – Michelle Wright, Finance Director – Ed Bradford, Public Safety Director – Dave Bachman, City Engineer – Shawn Middleton / Spicer Group.

### **CITIZEN COMMENTS ON AGENDA RELATED ITEMS.**

*None received.*

### **CONSENT AGENDA.**

- Minutes - October 20, 2015 - Regular Meeting
- Payroll - October 12-25, 2015 - \$ 109,175.49
- Cash Balances Report - September 2015
- Notification Regarding Next Work Session – December 8, 2015  
There is no work session in November. A discussion will be conducted on fireworks, Ad Hoc Deer Herd Committee, and such business as may come before the Council.
- Consideration of Annual Victorian Sleighbell Parade and Old Christmas Weekend.  
The Manistee Main Street Downtown Development Authority requests authorization to conduct the 27<sup>th</sup> Annual Victorian Sleighbell Parade and Old Christmas Weekend on December 3-6, 2015. The committee has requested various street closures and other assistance from City personnel. This annual event includes a parade along River Street on Saturday, followed by a fireworks display. Many other activities throughout the weekend highlight our Victorian heritage.
- Consideration of First Quarter Financial Report by Finance Director Ed Bradford.
- Consideration of First Quarter Investment Report by Finance Director Ed Bradford.
- Consideration of Event Signage for the Turkeybowl Annual Fundraiser.  
A request has been received from the organizers of the Annual Turkeybowl fundraiser to allow the placement of ten signs on private property advertising their event on November 25, 2015. Under Section 2101.A.8 of the Zoning Ordinance City Council may approve exceptions to the Sign Ordinance for community events.

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## PROCEEDINGS OF THE MANISTEE CITY COUNCIL – November 4, 2015

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MOTION by Cote, second by Goodspeed to approve the Consent Agenda as presented.

With a roll call vote this motion passed unanimously.

AYES: Kenny, Cote, Zielinski, Goodspeed, Smith, Wittlieff, and Gustad

NAYS: None

### **PRESENTATION BY ANDERSON, TACKMAN & COMPANY ON THE JUNE 30, 2015 AUDIT.**

Kenneth Talsma of Anderson, Tackman & Company PLC presented the June 30, 2015 audit. He stated that the City received an unmodified or unqualified audit which is the best you can get. The 2015 General Fund - fund balance is \$1,051,792.

### **CONSIDERATION OF PROPOSED CITY MANAGER CONTRACT.**

Details of the proposed contract between the City of Manistee and Mr. Thad Taylor for the City Manager position were reviewed. Contract negotiations were completed by Interim Manager Ben Bifoss and the agreement was drafted by the City Attorney. Mr. Taylor is tentatively scheduled to begin work in December.

MOTION by Gustad, second by Wittlieff to accept the agreement as written and extend an offer to Mr. Thad Taylor to serve the citizens of Manistee as its City Manager.

With a roll call vote this motion passed unanimously.

AYES: Kenny, Cote, Zielinski, Goodspeed, Smith, Wittlieff, and Gustad

NAYS: None

### **CONSIDERATION OF A RESOLUTION OF SUPPORT FOR THE ENHANCEMENT OF VETERANS PARK.**

The local Manistee County Veterans Group in conjunction with the Alliance for Economic Success and the Community Foundation are requesting a resolution of support to prepare a site plan for the park that can serve as the basis for future development and for future grant applications. City Council would reserve the right to approve any grant submissions on behalf of the City including a review of any financial implications for development and long term maintenance and operations.

MOTION by Goodspeed, second by Cote to adopt a resolution of support for the enhancement of Veterans Park.

With a roll call vote this motion passed unanimously.

AYES: Kenny, Cote, Zielinski, Goodspeed, Smith, Wittlieff, and Gustad

NAYS: None

**CONSIDERATION OF AN ASSIGNMENT AND ASSUMPTION AGREEMENT WITH T-MOBILE AND AGRI-VALLEY BROADBAND FOR A LEASE AT THE INDUSTRIAL PARK WATER TOWER.**

The City previously leased space on the Industrial Park water tower to Agri-Valley Broadband, Inc. for telecommunication equipment. Agri-Valley terminated the lease in November 2014, and later approached the City about the possibility of assigning the lease to T-Mobile. The City has negotiated an assignment agreement with the parties for two years, with two additional five year extension terms. Annual rental will be \$15,000 with a 2.75% annual escalator. The City Attorney has reviewed and approved the agreement.

MOTION by Cote, second by Zielinski to approve an Assignment and Assumption Agreement with T-Mobile Central, LLC and Agri-Valley Broadband, Inc. for a lease on the Industrial Park water tower.

With a roll call vote this motion passed unanimously.

AYES: Kenny, Cote, Zielinski, Goodspeed, Smith, Wittlieff, and Gustad

NAYS: None

**A REPORT FROM THE HARBOR COMMISSION AND THE MANISTEE MAIN STREET DOWNTOWN DEVELOPMENT AUTHORITY.**

Harbormaster Dave Bachman reported on the activities of the Harbor Commission and responded to questions the Council had regarding their activities.

Mr. Patrick Kay reported on the activities of the Manistee Main Street Downtown Development Authority and responded to questions the Council had regarding their activities.

**CITIZEN COMMENT.**

Comments received by:

- Jennifer Bufka Teller, 712 Harbor Drive / requested removal of a tree limb taking away their view of Lake Michigan.
- Lynda Beaton, 256 Hughes Street / thanked Councilmember Cote for civil competition in the City Council race; resigned from Board of Review due to her being elected to City Council.

**OFFICIALS AND STAFF.**

Wright thanked the citizens for coming out to vote at yesterday's election, there was a good turnout.

**COUNCILMEMBERS.**

Councilmembers all thanked Cote for his past service on the Council and stated that he will be missed; welcomed Lynda Beaton as a newly elected Councilmember.

Smith thanked the City Clerk's office and crew for the hard work and long day on the election.

Smith and Gustad thanked Chief Bachman and his department for their work on the series of break-ins.

**ADJOURN.**

MOTION to adjourn was made by Cote. Meeting adjourned at 8:04 p.m.

Michelle Wright MMC / CPFA, MiCPT  
City Clerk/Deputy Treasurer

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**PROCEEDINGS OF THE MANISTEE CITY COUNCIL - ORGANIZATIONAL MEETING**  
**November 10, 2015**

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The Organizational Meeting of the Manistee City Council was called to order by City Clerk Michelle Wright on Tuesday, November 10, 2015 at 7:30 p.m. in the City Hall Council Chambers, 70 Maple Street, followed by the Pledge of Allegiance.

**ORGANIZATIONAL MEETING OF THE CITY COUNCIL.**

In accordance with Section 2-13 of the Charter of the City of Manistee, "the City Council shall meet at 7:30 p.m. on the Tuesday night following the completion of the official canvas at which time the members shall be sworn and assume the duties of their office...."

At the regular election of Tuesday, November 3, 2015 three Councilmembers were elected to seats on the Manistee City Council. Members include:

<u>DISTRICT</u>	<u>COUNCILMEMBER</u>	<u>TERM</u>
Second District	Lynda Beaton	Two Years
Fourth District	Robert Goodspeed	Two Years
Sixth District	Mark Wittlieff	Two Years

Wright then administered the oath of office to Lynda Beaton, Robert Goodspeed, and Mark Wittlieff as members of the Manistee City Council.

PRESENT: Colleen Kenny, Lynda Beaton, Roger Zielinski, Robert Goodspeed, James Smith, Mark Wittlieff, and Eric Gustad.

ALSO PRESENT: Interim City Manager – R. Ben Bifoss, City Attorney – George Saylor, City Clerk – Michelle Wright, and City Engineer – Shawn Middleton / Spicer Group.

**ELECTION OF THE MAYOR FOR THE CITY OF MANISTEE.**

At the Organizational Meeting of the City Council held on this date the Council elects from its membership a Mayor and a Mayor Pro-Tem. The Mayor and Mayor Pro-Tem are elected for a one year term. Under Section 2-4 of the Charter "the Council shall elect a Mayor by a majority vote of its members." This provision of the Charter requires four affirmative votes to elect the Mayor, a majority of the Council, regardless attendance at the Organizational Meeting. Sections 2-4 and 2-13 of the Charter require that the Mayor be elected at the Organizational Meeting. The voting procedures should continue until a candidate receives four affirmative votes.

Wright asked for nominations to elect a Mayor for the City of Manistee.

Zielinski nominated Smith; Gustad nominated Kenny. No other nomination were received.

Roll call was taken as follows:

Smith: Beaton, Zielinski, and Smith (3)  
Kenny: Kenny, Goodspeed, Wittlieff, and Gustad (4)

**PROCEEDINGS OF THE MANISTEE CITY COUNCIL - ORGANIZATIONAL MEETING**  
**November 10, 2015**

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Councilmember Kenny was elected Mayor. Mayor Kenny assumed the Chair at this time.

**ELECTION OF A MAYOR PRO-TEM FOR THE CITY OF MANISTEE.**

The same provisions identified in the Charter for the Mayor apply for the Mayor Pro-Tem. The Mayor Pro-Tem serves as the Mayor in the Mayor's absence.

Mayor Kenny opened the floor for nominations to elect a Mayor Pro-Tem for the City of Manistee.

Zielinski nominated Smith; Wittlieff nominated Gustad. No other nomination were received.

Roll call was taken as follows:

Smith: Beaton, Zielinski, and Smith (3)  
Gustad: Kenny, Goodspeed, Wittlieff, and Gustad (4)

Councilmember Gustad was elected Mayor Pro-Tem.

**REVIEW OF CITY COUNCIL GUIDELINES.**

Under the adopted City Council Guidelines, the Guidelines are reviewed at the Organizational Meeting of the City Council. While the Guidelines may be amended at any time during the year, the Organizational Meeting is the traditional opportunity to review the operating procedures of the Council.

Bifoss reviewed the proposed changes recommended by staff stating they were substantive changes. They included reference to mailing agenda packets or notices thru the postal service, which is no longer done; deleting some of the boards and commissions listed under appointments; noted that Council requested additional discussion on seats on boards and commissions; and noted that questions have come up regarding the Audit Committee, which CFO Bradford would like to propose changes at a later date.

Beaton requested that item 20. Code of Ethics include a section for employees - no acceptance of gifts, make this item c. and move the current item c. to d.; Bifoss stated that was covered in the Employee Handbook but could be added here also.

Gustad asked that a future work session include a discussion on item 21. Appointments to Boards and Commissions.

**CONSIDERATION OF ESTABLISHING REGULAR MEETINGS FOR 2016.**

In accordance with Section 2-13 of the Charter, the City Council "shall meet in public session at least twice each month at such times as may be prescribed by the rules..." The City Council Guidelines reviewed during the previous agenda item indicate that regular meetings shall be held on the first and third Tuesdays of each month beginning at 7 p.m. with work sessions conducted on the second Tuesday of each month beginning at 7 p.m. A schedule has been created for the regular meetings and work sessions throughout the year 2016, with exceptions made for known election dates, Michigan Municipal League conferences and holidays.

**PROCEEDINGS OF THE MANISTEE CITY COUNCIL - ORGANIZATIONAL MEETING**  
**November 10, 2015**

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MOTION by Goodspeed, second by Gustad to adopt the schedule for regular meetings and work sessions for the year 2016.

With a roll call vote this motion passed unanimously.

AYES: Kenny, Beaton, Zielinski, Goodspeed, Smith, Wittlieff, and Gustad

NAYS: None

**CITIZEN COMMENT.**

Comments received from:

- Steve Wall, 314 Oak Street / all regular council meetings should include citizen comment sections, even if it is the organizational meeting.

**OFFICIALS AND STAFF.**

*None received.*

**COUNCIL.**

Goodspeed questioned the Housing Commission requiring that rent is due on the 1<sup>st</sup> of the month, people receiving social security would never be able to pay their rent on time. Saylor stated that no late fee is incurred until later in the month; he will contact the director to get more information.

Smith welcomed Beaton; congratulated the Mayor and Mayor Pro-Tem.

Gustad gave a thank you to the veterans, tomorrow is Veterans Day.

Smith invited people to attend the lowering of the flags at First Street beach for the season which will take place on Wednesday.

Kenny also welcomed Beaton and congratulated Mayor Pro-Tem Gustad.

**ADJOURN.**

MOTION to adjourn was made by Goodspeed, second by Zielinski. Meeting adjourned at 7:49 p.m.

Michelle Wright MMC / CPFA, MiCPT  
City Clerk/Deputy Treasurer

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

Page: 1

City of Manistee

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Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
<b>Fund: 101 GENERAL FUND</b>							
<b>Dept: 000</b>							
101-000-255.000	Funds Held In Es						
	ARENS/TED//		Reimburse - USS Liberty	41621	10/14/2015	10/14/2015	3,714.70
	WILLIAMS/JEFFREY W//	828	Riverwalk Rail Painting	41684	10/28/2015	09/28/2015	6,230.00
							<b>9,944.70</b>
<b>Total Dept. 000:</b>							<b>9,944.70</b>
<b>Dept: 100 GENERAL</b>							
101-100-855.000	Utilities - Cell Ph						
	VERIZON WIRELESS	9752787875	Monthly Service	41680	09/23/2015	09/23/2015	1,254.88
							<b>1,254.88</b>
101-100-859.000	Utilities - Data\In						
	CHARTER COMMUNICATIONS	209 0076258 - Oct 15	Montly Service - City Hall	41629	09/22/2015	09/22/2015	25.63
	CHARTER COMMUNICATIONS	209 0088022 - Oct 15	Montly Service - City Hall	41629	09/22/2015	09/22/2015	135.00
							<b>160.63</b>
101-100-901.000	Postage						
	EASYPERMIT POSTAGE	8000-9090-0723-7170 - Oct 15	Postage	1041624	10/08/2015	10/08/2015	2,260.91
							<b>2,260.91</b>
101-100-925.001	Electric - Street L						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	9,704.69
							<b>9,704.69</b>
101-100-960.000	Bank Charges						
	BANK OF NEW YORK MELLO	252-1896646	Paying Agent Fee -	41624	10/01/2015	10/01/2015	750.00
							<b>750.00</b>
101-100-989.000	Computer Hardw						
	I.T. RIGHT INC	20145848	HDDs for Server "Father"	1041628	09/14/2015	09/14/2015	1,200.00
							<b>1,200.00</b>
101-100-999.000	Transfers Out						
	CITY OF MANISTEE COMMOI		Ramsdell Theatre Oper.Transfer	1041619	10/01/2015	10/01/2015	22,500.00
							<b>22,500.00</b>
<b>Total Dept. GENERAL:</b>							<b>37,831.11</b>
<b>Dept: 101 LEGISLATIVE</b>							
101-101-728.000	SUPPLIES - Ope						
	OLESON'S FOOD STORES	#5068 - 10/1/15	Trail Mix, Coffee, Water,	41668	10/31/2015	10/01/2015	57.17
	OLESON'S FOOD STORES	#1715 - 10/09/15	Cheese, Cracker, Water, Trail	41668	11/08/2015	10/09/2015	36.45
							<b>93.62</b>
101-101-860.000	Travel & Training						
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	583.80
							<b>583.80</b>
<b>Total Dept. LEGISLATIVE:</b>							<b>677.42</b>
<b>Dept: 172 MANAGER</b>							
101-172-831.000	Contractual Repa						
	KOPY SALES INC.	97648	Cost Per Copy - Manager	1041631	10/17/2015	10/07/2015	83.11
							<b>83.11</b>
101-172-957.000	Motor Pool						
	CITY OF MANISTEE COMMOI		Equipment Rental - Motor Pool	1041619	10/01/2015	10/01/2015	772.50
							<b>772.50</b>
101-172-985.000	Lease Purchase						

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

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Page: 2

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
	US BANK EQUIPMENT FINAN	288032477	Kycera Copier - Manager	41678	09/21/2015	09/21/2015	184.95
							<b>184.95</b>
							<b>Total Dept. MANAGER: 1,040.56</b>
<b>Dept: 215 CLERK</b>							
101-215-728.000	SUPPLIES - Ope						
	EMPLOYEE DATA FORMS OF	16-10308	Employee Data Calendars,	41641	07/21/2016	09/24/2015	70.75
	JACKPINE BUSINESS CENTE	393854-0	HP 80X Laserjet Pro Toner	41650	11/06/2015	10/07/2015	178.97
							<b>249.72</b>
101-215-740.000	Election Expense						
	MICHIGAN ELECTION RESOL	34598	QVF Voter ID Cards	41664	10/28/2015	09/28/2015	29.07
	PIONEER GROUP/THE//	#41100167 - 09/30/15	Advertisements	41670	10/20/2015	09/30/2015	128.73
							<b>157.80</b>
101-215-831.000	Contractual Repa						
	KOPY SALES INC.	97646	Cost Per Copy - Clerk	1041631	10/17/2015	10/07/2015	61.09
							<b>61.09</b>
101-215-870.000	Memberships & I						
	APT US&C	104267	Membership Renewal - M. Wright	41620	10/01/2015	10/01/2015	100.00
							<b>100.00</b>
101-215-900.000	Printing & Publis						
	MANISTEE COUNTY REGIST		Record Easement	41658	11/14/2015	10/15/2015	26.00
	PIONEER GROUP/THE//	#41100167 - 09/30/15	Advertisements	41670	10/20/2015	09/30/2015	365.76
							<b>391.76</b>
							<b>Total Dept. CLERK: 960.37</b>
<b>Dept: 253 FINANCE / TREASURE</b>							
101-253-728.000	SUPPLIES - Ope						
	I.T. RIGHT INC	20145847	SSD and Video Cards	1041628	09/14/2015	09/14/2015	174.90
	JACKPINE BUSINESS CENTE	394048-0	HP 80X Laserjet Pro Toner	41650	11/13/2015	10/14/2015	178.97
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	58.65
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	49.99
							<b>462.51</b>
101-253-801.000	Professional Ser						
	ANDERSON TACKMAN & COI	114296	2015 Audit	41619	09/30/2015	09/30/2015	620.00
							<b>620.00</b>
101-253-860.000	Travel & Training						
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	308.32
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	48.83
							<b>357.15</b>
101-253-985.000	Lease Purchase						
	TEAM FINANCIAL GROUP INC	125944	Kyocera 3051ci - Finance	1041640	10/19/2015	09/29/2015	143.88
							<b>143.88</b>
							<b>Total Dept. FINANCE / TREASURER: 1,583.54</b>
<b>Dept: 257 ASSESSOR</b>							
101-257-728.000	SUPPLIES - Ope						
	JACKPINE BUSINESS CENTE	394006-0	Service Bench Charge	41650	11/11/2015	10/12/2015	49.00
							<b>49.00</b>
101-257-801.000	Professional Ser						
	GREAT LAKES ASSESSING II		Professional Assessing Service	1041626	10/01/2015	10/01/2015	5,833.33
	OSGOOD/JACKLYN//		35 Bldg Permits / Reappraisals	1041637	11/07/2015	10/08/2015	350.00
							<b>6,183.33</b>

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

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City of Manistee

qqqq

Page: 3

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
<b>Total Dept. ASSESSOR:</b>							<b>6,232.33</b>
<b>Dept: 265 MUNICIPAL BUILDING:</b>							
101-265-728.000	SUPPLIES - Ope						
	FASTENAL COMPANY	MIMAN114564	Can Liner, Hand Towel, Bathroo	41642	10/03/2015	09/03/2015	223.50
	FASTENAL COMPANY	MIMAN114807	Coffee Hot Cups	41642	10/17/2015	09/17/2015	36.80
	PURE WATER WORKS INC	271632	Purified Water	41673	10/30/2015	09/30/2015	45.00
							<b>305.30</b>
101-265-831.000	Contractual Repa						
	CUSTOM SHEET METAL & HE	0000065719	City Hall - Service Call	41635	10/09/2015	09/09/2015	125.25
	NORTHERN FIRE & SAFETY	275597	Annual Fire Ext Insp - City Ha	1041636	09/09/2015	09/09/2015	32.00
	TOP LINE ELECTRIC LLC	6769	City Hall - Test Phone Line on	1041641	09/23/2015	09/23/2015	56.60
	TOP LINE ELECTRIC LLC	6771	City Hall - Test Exterior Out-	1041641	09/23/2015	09/23/2015	56.60
							<b>270.45</b>
101-265-850.000	Phone						
	AT&T	2015 - 231R01300610	Monthly Service	41622	10/31/2015	10/01/2015	640.00
	CENTURYLINK BUSINESS SE	1352902052	Monthly Service	41628	10/23/2015	09/23/2015	43.06
							<b>683.06</b>
101-265-920.000	Gas						
	DTE ENERGY		Gas Usage - 70 Maple St	41638	11/01/2015	10/02/2015	141.37
							<b>141.37</b>
101-265-920.336	Gas - Fire Dept						
	DTE ENERGY		Gas Usage - 281 First St	41638	11/01/2015	10/02/2015	46.48
							<b>46.48</b>
101-265-920.441	Gas - DPW						
	DTE ENERGY		Gas Usage - 280 Washington St	41638	10/31/2015	10/01/2015	120.31
							<b>120.31</b>
101-265-920.446	Gas - Bridge						
	DTE ENERGY		Gas Usage - 51 Maple St	41638	11/08/2015	10/09/2015	40.76
							<b>40.76</b>
101-265-922.336	Water - Fire						
	CITY OF MANISTEE WATER		Water Usage	1041623	09/25/2015	09/25/2015	116.61
							<b>116.61</b>
101-265-922.441	Water - DPW						
	CITY OF MANISTEE WATER		Water Usage	1041623	09/25/2015	09/25/2015	465.81
							<b>465.81</b>
101-265-922.446	Water - Bridge						
	CITY OF MANISTEE WATER		Water Usage	1041623	09/25/2015	09/25/2015	46.68
							<b>46.68</b>
101-265-925.000	Electric						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	2,300.08
							<b>2,300.08</b>
101-265-925.336	Electric - Fire						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	619.11
							<b>619.11</b>
101-265-925.441	Electric - DPW						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	900.55
							<b>900.55</b>
101-265-925.446	Electric - Bridge						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	182.54

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 4

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
							<b>182.54</b>
101-265-930.000	Repairs & Mainte						
	ACE HARDWARE & HOME CI	933032	Sanding Pad	41617	10/01/2015	09/01/2015	19.99
	ACE HARDWARE & HOME CI	142076	Sandpaper	41617	10/05/2015	09/05/2015	57.50
	ACE HARDWARE & HOME CI	932735	Sandpaper, Paint Pail Liners	41617	10/10/2015	09/10/2015	14.98
	ACE HARDWARE & HOME CI	142379	Random Orbit Sander	41617	10/14/2015	09/14/2015	64.99
	ACE HARDWARE & HOME CI	142624	Tight Spot Brush	41617	10/19/2015	09/19/2015	8.99
	ACE HARDWARE & HOME CI	940466	Sandpaper, Sand Discs	41617	10/23/2015	09/23/2015	86.91
	MACALLISTER RENTAL	R85143833404	46' Straight Boom w/Jib	41654	09/03/2015	09/03/2015	1,495.00
	WAHR HARDWARE, INC.	D33931	Sander Pad	1041642	10/14/2015	09/14/2015	20.99
	WAHR HARDWARE, INC.	D34377	1-2-3 Primer	1041642	10/23/2015	09/23/2015	31.94
							<b>1,801.29</b>
<b>Total Dept. MUNICIPAL BUILDINGS:</b>							<b>8,040.40</b>
<b>Dept: 266 ATTORNEY</b>							
101-266-802.000	Professional Ser						
	MIKA MEYERS BECKETT & Jc	593406	Professional Services -	1041634	08/20/2015	08/20/2015	78.00
	MIKA MEYERS BECKETT & Jc	594235	Professional Services	1041634	09/18/2015	09/18/2015	4,050.00
							<b>4,128.00</b>
101-266-803.000	Prof Serv - Atty (						
	MIKA MEYERS BECKETT & Jc	594261	Professional Services -	1041634	09/18/2015	09/18/2015	476.97
	MIKA MEYERS BECKETT & Jc	594260	Professional Services -	1041634	09/18/2015	09/18/2015	2,788.00
	MIKA MEYERS BECKETT & Jc	594264	Professional Services -	1041634	09/18/2015	09/18/2015	82.00
	MIKA MEYERS BECKETT & Jc	594263	Professional Services -	1041634	09/18/2015	09/18/2015	82.37
	MIKA MEYERS BECKETT & Jc	594262	Professional Services -	1041634	09/18/2015	09/18/2015	105.79
							<b>3,535.13</b>
<b>Total Dept. ATTORNEY:</b>							<b>7,663.13</b>
<b>Dept: 285 CITY ENGINEER</b>							
101-285-801.000	Professional Ser						
	SPICER GROUP INC	177664	General Engineering	1041639	08/26/2015	08/26/2015	1,000.00
	SPICER GROUP INC	178217	General Engineering	1041639	09/30/2015	09/30/2015	1,000.00
	SPICER GROUP INC	177661	General Wastewater Consulting	1041639	10/12/2015	10/12/2015	647.26
							<b>2,647.26</b>
<b>Total Dept. CITY ENGINEER:</b>							<b>2,647.26</b>
<b>Dept: 301 POLICE</b>							
101-301-715.000	Uniform & Cleani						
	MANISTEE CLEANING SOLU'	Sept 15	Uniform Cleaning	41656	09/30/2015	09/30/2015	169.00
	NYE UNIFORM COMPANY	523780	Cuff Case - Shands	41667	11/01/2015	10/02/2015	31.99
	NYE UNIFORM COMPANY	525491	Belt, Cuff Case, Ammo Pouch,	41667	11/01/2015	10/02/2015	308.86
							<b>509.85</b>
101-301-728.000	SUPPLIES - Ope						
	CMP DISTRIBUTORS, INC.	45519	LAS Paddle Holster for Pistols	41631	10/23/2015	09/23/2015	61.99
	JACKPINE BUSINESS CENTE	528189-0	USB Drive 8gb	41650	10/25/2015	09/25/2015	14.98
	JACKPINE BUSINESS CENTE	393628-0	Folder, CD Envelope, Pens	41650	11/02/2015	10/03/2015	55.93
	OLESON'S FOOD STORES	#3520 - 10/02/15	Kleenex, Paper Towel, Lysol Wp	41668	11/01/2015	10/02/2015	33.73
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	886.06
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	-868.81
	WAHR HARDWARE, INC.	C65712	Key	1041642	10/30/2015	09/30/2015	2.19
							<b>186.07</b>
101-301-770.000	Vehicle Gas						
	BLARNEY CASTLE FLEET PR	BC177 - 10/06/15	Fuel Usage	1041616	10/20/2015	10/06/2015	1,132.49
							<b>1,132.49</b>
101-301-801.000	Professional Ser						

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 5

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
	WEST SHORE MEDICAL CEZ CITY MSTEE	06/03/15	CREDIT - Physical Fitness	41683	11/01/2015	10/02/2015	-30.00
							<b>-30.00</b>
101-301-860.000	Travel & Training						
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	79.50
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	203.30
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	32.87
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	677.60
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	135.45
							<b>1,128.72</b>
101-301-930.000	Repairs & Mainte						
	ACE HARDWARE & HOME CI	143261	Door Hold Kick-Dwn, Tip Rubr	41617	11/07/2015	10/08/2015	10.48
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	32.20
							<b>42.68</b>
101-301-957.000	Motor Pool						
	CITY OF MANISTEE COMMOI		Equipment Rental - Motor Pool	1041619	10/01/2015	10/01/2015	2,660.83
							<b>2,660.83</b>
101-301-970.000	Capital Outlay - I						
	I.T. RIGHT INC	20145849	PC Advanced / Workstation	1041628	09/14/2015	09/14/2015	1,698.00
							<b>1,698.00</b>
101-301-985.000	Lease Purchase						
	TEAM FINANCIAL GROUP INC	125792	Kyocera 3501i, 3550IDN	1041640	10/14/2015	09/24/2015	117.98
							<b>117.98</b>
							<b>Total Dept. POLICE: 7,446.62</b>
<b>Dept: 336 FIRE</b>							
101-336-728.000	SUPPLIES - Ope						
	ACE HARDWARE & HOME CI	K43089	Stripper Floorwax	41617	11/02/2015	10/03/2015	18.99
	AUTO VALUE \ AUTO-WARES	256-895325	Super Hardshell	41623	11/01/2015	10/02/2015	6.29
	CHARTER COMMUNICATIONS	209 0073420 - Oct 15	Monthly Service - Fire Dept	41629	09/08/2015	09/08/2015	81.82
	CHARTER COMMUNICATIONS	209 0073420 - Nov 15	Monthly Service - Fire Dept	41629	10/08/2015	10/08/2015	81.82
	LUCKY LIZARD AWARDS & G	3464	Fire Dept Tags - Yellow	41653	09/09/2015	09/09/2015	16.00
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	52.99
	WAHR HARDWARE, INC.	C62418	Brass Polish	1041642	09/27/2015	08/28/2015	5.29
							<b>263.20</b>
101-336-732.000	SUPPLIES - Mec						
	J & B MEDICAL SUPPLY	2401053	Megamover, Disp Limb Holder	1041629	09/16/2015	08/17/2015	668.36
	J & B MEDICAL SUPPLY	2414227	Defib Electrodes	1041629	09/24/2015	08/25/2015	216.78
	WEST SHORE MEDICAL CEZ CITY MSTEE	08/22/15	EMS Box Replacements	41683	09/21/2015	08/22/2015	360.00
	WEST SHORE MEDICAL CEZ CITY MSTEE	09/22/15	EMS Box Replacements	41683	10/22/2015	09/22/2015	420.00
							<b>1,665.14</b>
101-336-770.000	Vehicle Gas						
	BLARNEY CASTLE FLEET PR	BC177 - 10/06/15	Fuel Usage	1041616	10/20/2015	10/06/2015	664.70
							<b>664.70</b>
101-336-801.000	Professional Ser						
	ACCUMED GROUP/THE//	151	Billing Service Fee (EMS)	41616	09/01/2015	09/01/2015	1,830.96
							<b>1,830.96</b>
101-336-860.000	Travel & Training						
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	225.00
							<b>225.00</b>
101-336-930.000	Repairs & Mainte						
	ACE HARDWARE & HOME CI	143032	Nipple Galv, Vlv Ballfp, Bushi	41617	10/31/2015	10/01/2015	23.76

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 6

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
	AUTO VALUE \ AUTO-WARES	256-893818	All Purp Lube	41623	10/16/2015	09/16/2015	11.97
	AUTO VALUE \ AUTO-WARES	256-894743	All Purp Lube	41623	10/25/2015	09/25/2015	11.67
	AUTO VALUE \ AUTO-WARES	256-895646	Misc Bulb	41623	11/05/2015	10/06/2015	17.90
	J.O. GALLOUP COMPANY	S104105850.001	Milw Brs 150 lb Thd Fp Bv	41649	10/22/2015	09/22/2015	44.17
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	614.59
							<b>724.06</b>
101-336-942.000	Hydrant Rental						
	CITY OF MANISTEE WATER		Hydrant Rental - Fire Dept	1041622	10/01/2015	10/01/2015	5,400.00
							<b>5,400.00</b>
101-336-957.000	Motor Pool						
	CITY OF MANISTEE COMM		Equipment Rental - Motor Pool	1041619	10/01/2015	10/01/2015	5,321.67
							<b>5,321.67</b>
101-336-985.000	Lease Purchase						
	TEAM FINANCIAL GROUP INC	125792	Kyocera 3501i, 3550IDN	1041640	10/14/2015	09/24/2015	39.32
							<b>39.32</b>
							<b>Total Dept. FIRE: 16,134.05</b>
<b>Dept: 441 PUBLIC WORKS</b>							
101-441-715.000	Uniform & Clean						
	MODEL COVERALL SERVICE	0534257	Uniform Cleaning - DPW	1041635	09/04/2015	08/05/2015	29.26
	MODEL COVERALL SERVICE	0535761	Uniform Cleaning - DPW	1041635	09/11/2015	08/12/2015	29.26
	MODEL COVERALL SERVICE	0537305	Uniform Cleaning - DPW	1041635	09/18/2015	08/19/2015	29.26
	MODEL COVERALL SERVICE	0538790	Uniform Cleaning - DPW	1041635	09/25/2015	08/26/2015	29.26
	MODEL COVERALL SERVICE	0540321	Uniform Cleaning - DPW	1041635	10/02/2015	09/02/2015	29.26
	MODEL COVERALL SERVICE	0541834	Uniform Cleaning - DPW	1041635	10/09/2015	09/09/2015	29.26
	MODEL COVERALL SERVICE	S0543201	New Uniforms - DPW	1041635	10/16/2015	09/16/2015	171.88
	MODEL COVERALL SERVICE	S0543203	New Uniforms - DPW & Parks	1041635	10/16/2015	09/16/2015	93.12
	MODEL COVERALL SERVICE	S0543204	New Uniforms - DPW	1041635	10/16/2015	09/16/2015	214.84
	MODEL COVERALL SERVICE	S0543205	New Uniforms - DPW	1041635	10/16/2015	09/16/2015	223.44
	MODEL COVERALL SERVICE	S0543202	New Uniforms - DPW	1041635	10/16/2015	09/16/2015	214.84
	MODEL COVERALL SERVICE	0543384	Uniform Cleaning - DPW	1041635	10/16/2015	09/16/2015	29.26
	MODEL COVERALL SERVICE	0544882	Uniform Cleaning - DPW	1041635	10/23/2015	09/23/2015	29.26
							<b>1,152.20</b>
101-441-728.000	SUPPLIES - Op						
	AUTO VALUE \ AUTO-WARES	256-893187	Rpe & Handle	41623	10/10/2015	09/10/2015	5.29
	AUTO VALUE \ AUTO-WARES	256-893680	Fuel Press Kit	41623	10/15/2015	09/15/2015	56.99
	DISTRICT HEALTH DEPARTM		Heb B - Patient #130854 &	41636	10/19/2015	09/19/2015	138.00
	FASTENAL COMPANY	MIMAN114823	Glass Cleaner	41642	10/17/2015	09/17/2015	13.12
	FASTENAL COMPANY	MIMAN114847	Fluorescent Lamp, Recip Saw Bl	41642	10/18/2015	09/18/2015	55.76
	FASTENAL COMPANY	MIMAN114854	Paper Towel Roll	41642	10/21/2015	09/21/2015	34.92
	JACKPINE BUSINESS CENTE	393050-0	Memo Book, Tape, Marker,	41650	10/21/2015	09/21/2015	88.14
	JACKPINE BUSINESS CENTE	393050-1	Memo Book, Ppr Towel, Paper	41650	10/23/2015	09/23/2015	185.24
	MODEL FIRST AID, SAFETY &	00000111768	Cabinet Supplies	41665	07/30/2015	07/30/2015	48.30
	NAPAAUTO PARTS	202158	Brush	41666	09/09/2015	09/09/2015	5.59
	NAPAAUTO PARTS	202650	Raven Blk Nitrile Glv	41666	09/21/2015	09/21/2015	11.99
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	150.21
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	30.71
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	11.01
	PRAXAIR DISTRIBUTION INC	53597950	Oxygen	1041638	08/26/2015	08/26/2015	42.63
	PRAXAIR DISTRIBUTION INC	53655746	Gloves	1041638	09/02/2015	09/02/2015	28.44
	PRAXAIR DISTRIBUTION INC	53655747	Safety Glasses, Gloves	1041638	09/02/2015	09/02/2015	17.49
	WAHR HARDWARE, INC.	C63600	Clvs Slip Hook	1041642	10/10/2015	09/10/2015	5.29
	WAHR HARDWARE, INC.	C63969	Cord	1041642	10/14/2015	09/14/2015	29.99
	WAHR HARDWARE, INC.	C64446	Batteries	1041642	10/18/2015	09/18/2015	8.99
	WAHR HARDWARE, INC.	D34447	Paint Remover	1041642	10/24/2015	09/24/2015	19.99
							<b>988.09</b>
101-441-770.000	Vehicle Gas						

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 7

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
	BLARNEY CASTLE FLEET PR	BC177 - 10/06/15	Fuel Usage	1041616	10/20/2015	10/06/2015	2,205.97
	BLARNEY CASTLE FLEET PR	BC177 - 10/06/15	Fuel Usage	1041616	10/20/2015	10/06/2015	67.30
							<b>2,273.27</b>
101-441-831.000	Contractual Repa						
	GRAND TRAVERSE CRANE C	16532-G	Semi Annual OSHA Inspect & PM	1041625	09/17/2015	09/17/2015	567.50
	NORTHERN FIRE & SAFETY	275612	Annual Fire Ext Insp - DPW	1041636	09/15/2015	09/15/2015	310.00
	TOP LINE ELECTRIC LLC	6772	Repair Entrance Light - DPW	1041641	09/23/2015	09/23/2015	72.13
							<b>949.63</b>
101-441-860.000	Travel & Training						
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	382.50
							<b>382.50</b>
101-441-900.000	Printing & Publis						
	PIONEER GROUP/THE//	#41100167 - 09/30/15	Advertisements	41670	10/20/2015	09/30/2015	181.60
							<b>181.60</b>
101-441-930.000	Repairs & Mainte						
	AUTO VALUE \ AUTO-WARES	256-892302	Kaiser Quik Kit	41623	10/01/2015	09/01/2015	498.83
	AUTO VALUE \ AUTO-WARES	256-893196	Sensor, Hitch Pin & Clip	41623	10/10/2015	09/10/2015	78.89
	AUTO VALUE \ AUTO-WARES	256-893825	4 HD BX Clmp	41623	10/16/2015	09/16/2015	14.37
	AUTO VALUE \ AUTO-WARES	256-893774	HD Clamp	41623	10/16/2015	09/16/2015	9.19
	AUTO VALUE \ AUTO-WARES	256-893775	5 Hd Bx Clmp	41623	10/16/2015	09/16/2015	6.49
	AUTO VALUE \ AUTO-WARES	256-893883	6mB-8MJ90	41623	10/17/2015	09/17/2015	9.58
	AUTO VALUE \ AUTO-WARES	256-894894	15/16 1/2 Dr.Skt	41623	10/28/2015	09/28/2015	5.79
	BELL EQUIPMENT COMPANY	0113045	Service Call - Eligin Labor	1041615	09/25/2015	08/26/2015	300.00
	BELL EQUIPMENT COMPANY	0113288	Assy - Six 5A Diodes	1041615	09/26/2015	08/27/2015	173.87
	BELL EQUIPMENT COMPANY	0113194	Side Broom Set, Baffle, Scrape	1041615	09/30/2015	08/31/2015	2,018.35
	CHERRINGTON ENTERPRISI	018216	Assy: Cplg, Freight	41630	07/06/2015	07/06/2015	157.67
	GRAND RENTAL STATION	1-540490	JD Blade	41645	10/14/2015	09/14/2015	88.80
	GRAND TRAVERSE DIESEL S	96425	Exhaust Clamp, Pipe, Flex Hose	41646	09/11/2015	09/11/2015	705.74
	NAPA AUTO PARTS	202221	CREDIT - Core Deposit	41666	09/10/2015	09/10/2015	-77.00
	NAPA AUTO PARTS	202280	Fitting	41666	09/11/2015	09/11/2015	5.74
	NAPA AUTO PARTS	202279	Wall Mnt Batt Main	41666	09/11/2015	09/11/2015	66.99
	NAPA AUTO PARTS	202252	Battery, Core Dep, Oil Fil	41666	09/11/2015	09/11/2015	248.66
	NAPA AUTO PARTS	202356	Oil Fil, Switch	41666	09/14/2015	09/14/2015	60.90
	NAPA AUTO PARTS	202463	Fuel Disc	41666	09/16/2015	09/16/2015	28.83
	NAPA AUTO PARTS	202535	F L Hose	41666	09/17/2015	09/17/2015	7.20
	NAPA AUTO PARTS	202527	Fuel Pump Assy	41666	09/17/2015	09/17/2015	165.21
	NAPA AUTO PARTS	202648	Filter	41666	09/21/2015	09/21/2015	22.54
	WAHR HARDWARE, INC.	D33642	Screen	1041642	10/09/2015	09/09/2015	2.04
							<b>4,598.68</b>
101-441-957.000	Motor Pool						
	CITY OF MANISTEE COMMOI		Equipment Rental - Motor Pool	1041619	10/01/2015	10/01/2015	6,180.00
							<b>6,180.00</b>
							<b>Total Dept. PUBLIC WORKS: 16,705.97</b>
<b>Dept: 751 PARKS &amp; RECREATIOI</b>							
101-751-715.000	Uniform & Cleani						
	MODEL COVERALL SERVICE	S0543203	New Uniforms - DPW & Parks	1041635	10/16/2015	09/16/2015	216.24
							<b>216.24</b>
101-751-728.000	SUPPLIES - Ope						
	AUTO VALUE \ AUTO-WARES	256-893636	Cleaning Wipes, Protectant	41623	10/15/2015	09/15/2015	13.48
	FASTENAL COMPANY	MIMAN113426	Can Liners	41642	08/01/2015	07/02/2015	282.20
	FASTENAL COMPANY	MIMAN114672	Lysol Spray	41642	10/11/2015	09/11/2015	22.07
	FASTENAL COMPANY	MIMAN114700	Can Liner	41642	10/14/2015	09/14/2015	37.50
	FASTENAL COMPANY	MIMAN114834	Gojo Hand Wash, Bathroom	41642	10/18/2015	09/18/2015	265.27
	FASTENAL COMPANY	MIMAN114855	Paper Towel	41642	10/21/2015	09/21/2015	34.92

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 8

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
	WAHR HARDWARE, INC.	D33772	Bleach, Sprayer	1041642	10/11/2015	09/11/2015	17.17
	WAHR HARDWARE, INC.	D33948	Dawn Dish Soap	1041642	10/14/2015	09/14/2015	8.28
							<b>680.89</b>
101-751-770.000	Vehicle Gas						
	BLARNEY CASTLE FLEET PR	BC177 - 10/06/15	Fuel Usage	1041616	10/20/2015	10/06/2015	921.40
							<b>921.40</b>
101-751-831.000	Contractual Repa						
	C&D TURF CARE LLC	127920	Earth Smart Late Summer/Fall	41626	09/29/2015	09/09/2015	2,224.40
	PRECISION APPLIANCE SER		Refridgerator Service Call -	41672	08/13/2015	08/13/2015	80.00
	TOP LINE ELECTRIC LLC	6773	Replace Photo-Eyes for Monroe	1041641	09/23/2015	09/23/2015	86.92
	TOP LINE ELECTRIC LLC	6774	Repair Drinking Fountain - 5th	1041641	09/23/2015	09/23/2015	436.98
							<b>2,828.30</b>
101-751-920.000	Gas						
	DTE ENERGY		Gas Usage - 580 Maple St	41638	11/04/2015	10/05/2015	34.33
							<b>34.33</b>
101-751-922.000	Water						
	CITY OF MANISTEE WATER		Water Usage	1041623	09/25/2015	09/25/2015	1,340.63
							<b>1,340.63</b>
101-751-925.000	Electric						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	2,262.07
							<b>2,262.07</b>
101-751-930.000	Repairs & Mainte						
	AUTO VALUE \ AUTO-WARES	256-893713	Blade Fuse	41623	10/15/2015	09/15/2015	1.69
	AUTO VALUE \ AUTO-WARES	256-893973	Star Bit Skt	41623	10/18/2015	09/18/2015	3.69
	AUTO VALUE \ AUTO-WARES	256-894719	Start Fluid	41623	10/25/2015	09/25/2015	2.79
	FREEMAN CREEK EQUIPMEI	5641	Blower Bels	41644	08/26/2015	08/26/2015	70.02
	GRAND RENTAL STATION	1-540370	Plastic Wheel	41645	10/08/2015	09/08/2015	30.29
	GRAND RENTAL STATION	1-540525	JD Blade, Snapper Blade	41645	10/15/2015	09/15/2015	149.55
	NAPA AUTO PARTS	202883	Air Fil	41666	09/25/2015	09/25/2015	11.25
	OLSON LUMBER COMPANY	107043	Gravel	41669	10/15/2015	09/15/2015	11.78
	WAHR HARDWARE, INC.	C63485	Hose End	1041642	10/09/2015	09/09/2015	2.99
	WAHR HARDWARE, INC.	D34153	Shackle Screw	1041642	10/18/2015	09/18/2015	3.29
							<b>287.34</b>
101-751-957.000	Motor Pool						
	CITY OF MANISTEE COMMOI		Equipment Rental - Motor Pool	1041619	10/01/2015	10/01/2015	3,090.00
							<b>3,090.00</b>
							<b>Total Dept. PARKS &amp; RECREATION: 11,661.20</b>
<b>Dept: 801 APPROPRIATIONS</b>							
101-801-893.500	MAPS Paine Poc						
	MANISTEE AREA PUBLIC SC		Community Pool Agreement	41655	10/01/2015	10/01/2015	10,000.00
							<b>10,000.00</b>
101-801-894.000	Manistee Recrea						
	MANISTEE RECREATION AS:		Appropriation	41661	10/01/2015	10/01/2015	7,125.00
							<b>7,125.00</b>
							<b>Total Dept. APPROPRIATIONS: 17,125.00</b>
							<b>tal Fund GENERAL FUND: 145,693.66</b>
<b>Fund: 202 MAJOR STREET FUNI</b>							
<b>Dept: 000</b>							
202-000-935.000	Traffic Services						
	MICHAEL TODD & COMPANY	148409	U-Channel Post Cap, Stnd Post	41663	10/09/2015	09/09/2015	232.65

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 9

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
							<b>232.65</b>
202-000-936.000	Preservation Stre CITY OF MANISTEE GENERA		Major & Local Street Reimburse	1041620	10/01/2015	10/01/2015	9,083.34
							<b>9,083.34</b>
202-000-938.000	Winter Maintena CITY OF MANISTEE GENERA		Major & Local Street Reimburse	1041620	10/01/2015	10/01/2015	8,083.33
							<b>8,083.33</b>
							<b>Total Dept. 000: 17,399.32</b>
							<b>nd MAJOR STREET FUND: 17,399.32</b>
<b>Fund: 203 LOCAL STREET FUND</b>							
<b>Dept: 000</b>							
203-000-936.000	Preservation Stre CITY OF MANISTEE GENERA		Major & Local Street Reimburse	1041620	10/01/2015	10/01/2015	3,916.67
							<b>3,916.67</b>
203-000-938.000	Winter Maintena CITY OF MANISTEE GENERA		Major & Local Street Reimburse	1041620	10/01/2015	10/01/2015	2,833.33
							<b>2,833.33</b>
							<b>Total Dept. 000: 6,750.00</b>
							<b>nd LOCAL STREET FUND: 6,750.00</b>
<b>Fund: 226 CITY REFUSE FUND</b>							
<b>Dept: 000</b>							
226-000-820.000	Administration CITY OF MANISTEE GENERA		Administration - Refuse	1041620	10/01/2015	10/01/2015	7,953.50
							<b>7,953.50</b>
226-000-826.000	Refuse Contract REPUBLIC SERVICES #239	0239-001455934	Residential, Recycling, Bulk	41674	07/31/2015	07/31/2015	30,947.85
	REPUBLIC SERVICES #239	0239-001476480	Residential, Recycling, Bulk	41674	08/31/2015	08/31/2015	30,600.86
							<b>61,548.71</b>
226-000-827.000	Municipal Refuse REPUBLIC SERVICES #239	0239-001451469	DPW, Parks, Marina, Fire	41674	07/31/2015	07/31/2015	1,677.38
	REPUBLIC SERVICES #239	0239-001472313	DPW, Parks, Marina, Fire	41674	08/31/2015	08/31/2015	1,392.52
							<b>3,069.90</b>
226-000-829.002	Yard Waste City CITY OF MANISTEE GENERA		Reimburse for Yard Waste	1041620	10/01/2015	10/01/2015	3,000.00
							<b>3,000.00</b>
							<b>Total Dept. 000: 75,572.11</b>
							<b>Fund CITY REFUSE FUND: 75,572.11</b>
<b>Fund: 243 BROWNFIELD REDEVI</b>							
<b>Dept: 000</b>							
243-000-801.000	Professional Ser EFTAXIADIS CONSULTING LI	CMBRA-1509	Consulting, Brownfield Service	41639	10/31/2015	10/01/2015	2,247.50
	FIBERTEC ENVIRONMENTAL	INV69045-02	Hexavalent Chromium Solid -	41643	10/02/2015	09/02/2015	210.00
	FIBERTEC ENVIRONMENTAL	INV69045-03	SPLP As - Lighthouse Park	41643	10/10/2015	09/10/2015	284.00
	FIBERTEC ENVIRONMENTAL	INV70013-01	Percent Moisture, Metal Anayli	41643	11/12/2015	10/13/2015	168.00
							<b>2,909.50</b>
							<b>Total Dept. 000: 2,909.50</b>

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

Page: 10

City of Manistee

qqqq

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
<b>EDEVELOPMENT AUTHO:</b>							<b>2,909.50</b>
<b>Fund: 275 GRANT MANAGEMEN</b>							
<b>Dept: 902 OTHER GRANTS</b>							
275-902-970.002	Rotary Park						
	MCDUGALL/CRAIG//	1757	Rent Sky Trak - Rocket Park	41662	09/11/2015	08/12/2015	400.00
	SINCLAIR RECREATION LLC	INV62988	Rocket Park - Stand Alone	41675	08/30/2015	07/31/2015	3,269.30
							<b>3,669.30</b>
<b>Total Dept. OTHER GRANTS:</b>							<b>3,669.30</b>
<b>NT MANAGEMENT FUND:</b>							<b>3,669.30</b>
<b>Fund: 290 PEG COMMISSION</b>							
<b>Dept: 000</b>							
290-000-728.000	SUPPLIES - Ope						
	BROWN/KEITH R//PHD	Sept 2015	Reimbursement - Battery,	1041617	09/30/2015	09/30/2015	54.89
							<b>54.89</b>
290-000-801.000	Professional Ser						
	BROWN/KEITH R//PHD		MPA Operations - Oct 2015	1041617	10/01/2015	10/01/2015	3,166.67
							<b>3,166.67</b>
<b>Total Dept. 000:</b>							<b>3,221.56</b>
<b>Fund PEG COMMISSION:</b>							<b>3,221.56</b>
<b>Fund: 296 RAMSDELL THEATRE</b>							
<b>Dept: 000</b>							
296-000-728.000	SUPPLIES - Ope						
	ACE HARDWARE & HOME CI	143129	Deadlock	41617	11/04/2015	10/05/2015	16.99
	JACKPINE BUSINESS CENTE	393763-0	Paper, Marker	41650	11/05/2015	10/06/2015	5.89
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	52.99
	WAHR HARDWARE, INC.	D34201	Terro Fruit Fly Trap	1041642	10/18/2015	09/18/2015	13.98
	WAHR HARDWARE, INC.	D34835	Bulbs	1041642	11/01/2015	10/02/2015	23.96
	WAHR HARDWARE, INC.	D35082	Roundup	1041642	11/08/2015	10/09/2015	5.49
							<b>119.30</b>
296-000-752.000	Ramsdell - Movie						
	METROPOLITAN OPERAASS	HD21218	Ramsdell - Trovatore II	1041632	10/05/2015	10/05/2015	279.00
							<b>279.00</b>
296-000-753.000	Ramsdell - Perfo						
	COLLENE/AMANDA//	JOSHUA DAVIS	Ramsdell - Light Tech	41632	09/27/2015	09/27/2015	82.50
	COLLENE/AMANDA//	SETH & MAY	Ramsdell - Light Tech	41632	10/08/2015	10/08/2015	135.00
	OLESON'S FOOD STORES	#8448 - 09/27/15	Tea, Honey, Water, Coffee	41668	10/27/2015	09/27/2015	71.24
	PIONEER GROUP/THE//	#41100167 - 09/30/15	Advertisements	41670	10/20/2015	09/30/2015	212.00
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	25.00
	PNC BANK	Sept 2015	Credit Card Charges	41671	10/24/2015	09/29/2015	25.00
	WOLKOW/ALEXANDER//	JOSHUA DAVIS	Ramsdell - Sound Tech	41686	09/27/2015	09/27/2015	90.00
	WOLKOW/ALEXANDER//	SETH & MAY	Ramsdell - Sound Tech	41686	10/08/2015	10/08/2015	135.00
							<b>775.74</b>
296-000-801.000	Professional Ser						
	C H JOHNSON CONSULTING	4263	Market Analysis & Sustainable	1041618	08/20/2015	08/20/2015	10,000.00
							<b>10,000.00</b>
296-000-831.000	Contractual Repa						
	NORTHERN FIRE & SAFETY	275598	Annual Fire Ext Insp, - Ramsde	1041636	09/09/2015	09/09/2015	164.00
	TOP LINE ELECTRIC LLC	6753	Ramsdell - Replace Failed	1041641	09/22/2015	09/22/2015	102.77

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 11

<b>Fund/Dept/Acct</b>	<b>Vendor Name</b>	<b>Invoice #</b>	<b>Invoice Desc.</b>	<b>Check #</b>	<b>Due Date</b>	<b>Invoice Date</b>	<b>Amount</b>
							<b>266.77</b>
296-000-892.500	Marketing						
	MANISTEE CO VISITORS BUI		2016 Visitors Guide -	41657	11/05/2015	10/06/2015	378.00
	PIONEER GROUP/THE//	#41100167 - 09/30/15	Advertisements	41670	10/20/2015	09/30/2015	70.00
							<b>448.00</b>
296-000-920.000	Gas						
	DTE ENERGY		Gas Uage - 101 Maple St	41638	11/07/2015	10/08/2015	446.61
							<b>446.61</b>
296-000-922.000	Water						
	CITY OF MANISTEE WATER		Water Usage	1041623	09/25/2015	09/25/2015	46.68
							<b>46.68</b>
296-000-925.000	Electric						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	1,464.14
							<b>1,464.14</b>
296-000-930.000	Repairs & Mainte						
	GREAT LAKES COMMUNICAT		Satellite Service Call	41647	09/28/2015	09/28/2015	425.00
							<b>425.00</b>
							<b>Total Dept. 000: 14,271.24</b>
							<b>nd RAMSDELL THEATRE: 14,271.24</b>
<b>Fund: 490 RENAISSANCE PARK</b>							
<b>Dept: 000</b>							
490-000-992.002	Renaissance Par						
	STATE OF MICHIGAN - MEDC		MSC 970011-EDIG Loan Pmt (4)	41676	10/01/2015	10/01/2015	1,871.96
							<b>1,871.96</b>
							<b>Total Dept. 000: 1,871.96</b>
							<b>nd RENAISSANCE PARK: 1,871.96</b>
<b>Fund: 508 BOAT RAMP FUND</b>							
<b>Dept: 000</b>							
508-000-214.000	Due To Other Fu						
	CITY OF MANISTEE COMMOCI		Boat Launch Internal Loan	1041619	10/01/2015	10/01/2015	12,638.10
							<b>12,638.10</b>
508-000-922.000	Water						
	CITY OF MANISTEE WATER		Water Usage	1041623	09/25/2015	09/25/2015	211.95
							<b>211.95</b>
508-000-925.000	Electric						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	477.00
							<b>477.00</b>
							<b>Total Dept. 000: 13,327.05</b>
<b>Dept: 574 DEBT SERVICE</b>							
508-574-998.003	Interest - Internal						
	CITY OF MANISTEE COMMOCI		Boat Launch Internal Loan	1041619	10/01/2015	10/01/2015	1,897.48
							<b>1,897.48</b>
							<b>Total Dept. DEBT SERVICE: 1,897.48</b>
							<b>Fund BOAT RAMP FUND: 15,224.53</b>

**Fund: 573 WATER & SEWER UTIL**

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

Page: 12

City of Manistee

qqqq

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
<b>Dept: 100 GENERAL</b>							
573-100-961.000	Utility Service Fe CITY OF MANISTEE GENERA		W&S Cost of Ownership	1041620	10/01/2015	10/01/2015	14,244.25
							<b>14,244.25</b>
<b>Total Dept. GENERAL:</b>							<b>14,244.25</b>
<b>Dept: 541 ADMINISTRATION</b>							
573-541-728.000	SUPPLIES - Ope HANSEN/LORI//	277905	Office Cleaning	41648	09/20/2015	09/20/2015	75.00
	JACKPINE BUSINESS CENTE	393111-0	Magnetic Adh Tape	41650	10/22/2015	09/22/2015	8.49
							<b>83.49</b>
573-541-820.000	Administration CITY OF MANISTEE GENERA		Administration - Water	1041620	10/01/2015	10/01/2015	26,708.00
							<b>26,708.00</b>
573-541-831.000	Contractual Repa KOPY SALES INC.	97234	Cost Per Copy - Garage	1041631	09/12/2015	09/02/2015	49.90
							<b>49.90</b>
573-541-900.000	Printing & Publis PIONEER GROUP/THE//	#41100167 - 09/30/15	Advertisements	41670	10/20/2015	09/30/2015	250.80
							<b>250.80</b>
<b>Total Dept. ADMINISTRATION:</b>							<b>27,092.19</b>
<b>Dept: 542 WATER OPERATION</b>							
573-542-715.000	Uniform & Cleani MODEL COVERALL SERVICE	0541837	Uniform Cleaning - Water	1041635	10/09/2015	09/09/2015	27.24
	MODEL COVERALL SERVICE	0543387	Uniform Cleaning - Water	1041635	10/16/2015	09/16/2015	27.24
	MODEL COVERALL SERVICE	0544885	Uniform Cleaning - Water	1041635	10/23/2015	09/23/2015	27.24
							<b>81.72</b>
573-542-728.000	SUPPLIES - Ope CADILLAC PLUMBING-HEATI	691994	Tube Cutter	41627	09/18/2015	08/19/2015	41.73
	MODEL FIRST AID, SAFETY &	00000111768	Cabinet Supplies	41665	07/30/2015	07/30/2015	126.65
	WAHR HARDWARE, INC.	C63690	Cartridge Filter	1041642	10/11/2015	09/11/2015	14.99
	WEST SHORE MEDICAL CEN	MCE 08/15/15	XRy & Drug Screen - J. Riley	41683	09/14/2015	08/15/2015	374.00
							<b>557.37</b>
573-542-745.000	Chemicals ELHORN ENGINEERING COM	261965	Carus 8150 Dry 50#	41640	10/01/2015	09/01/2015	4,560.00
	HAVILAND PRODUCTS COMI	163543	Hydrofluosilicic Acid, Bleach	1041627	08/09/2015	07/10/2015	2,627.30
	HAVILAND PRODUCTS COMI	163542	Hydrofluosilicic Acid, Bleach	1041627	08/09/2015	07/10/2015	1,040.50
	HAVILAND PRODUCTS COMI	164223	CREDIT - Deposit Returns	1041627	08/14/2015	07/15/2015	-35.00
	HAVILAND PRODUCTS COMI	164224	CREDIT - Deposit Returns	1041627	08/14/2015	07/15/2015	-820.00
	HAVILAND PRODUCTS COMI	171361	Hydrofluosilicic Acid, Bleach	1041627	10/13/2015	09/13/2015	3,662.00
	HAVILAND PRODUCTS COMI	171711	CREDIT - Deposit Returns	1041627	10/15/2015	09/15/2015	-785.00
							<b>10,249.80</b>
573-542-770.000	Vehicle Gas BLARNEY CASTLE FLEET PR	BC177 - 10/06/15	Fuel Usage	1041616	10/20/2015	10/06/2015	430.57
							<b>430.57</b>
573-542-824.000	Lab Testing KENT COUNTY HEALTH DEP	E083115-3921	Water Samples	41651	10/01/2015	09/01/2015	336.00
	WAHR HARDWARE, INC.	C63533	Freight	1041642	10/09/2015	09/09/2015	11.75
	WAHR HARDWARE, INC.	D33901	Freight	1041642	10/14/2015	09/14/2015	11.34
							<b>359.09</b>
573-542-831.000	Contractual Repa						

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 13

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
	TOP LINE ELECTRIC LLC	6715	Troubleshoot Communicaton	1041641	09/10/2015	09/10/2015	180.00
	TOP LINE ELECTRIC LLC	6672	Well 10 PLC Programming Chang	1041641	09/10/2015	09/10/2015	90.00
	TOP LINE ELECTRIC LLC	6726	Wellfield Rework	1041641	09/11/2015	09/11/2015	4,610.09
	WATERTAP INC	10254	2 - 6 In Valve Insertions	41681	10/13/2015	09/28/2015	11,200.00
							<b>16,080.09</b>
573-542-925.000	Electric						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	125.57
							<b>125.57</b>
573-542-930.000	Repairs & Mainte						
	J.O. GALLOUP COMPANY	S104041612.001	2-1/2 Fen Npt x 2-1/2 Fem Nst	41649	10/01/2015	09/01/2015	59.76
	MICHIGAN PIPE & VALVE	T69798	Swivel Hyd Adpt Female, Pipe	1041633	10/02/2015	09/02/2015	225.25
	OLSON LUMBER COMPANY	107120	Dow Board	41669	10/24/2015	09/24/2015	70.66
	WAHR HARDWARE, INC.	D33780	Flex Couplg	1041642	10/11/2015	09/11/2015	8.79
	WAHR HARDWARE, INC.	D33778	Cement, Purp Primer, Coupling	1041642	10/11/2015	09/11/2015	24.96
	WAHR HARDWARE, INC.	C63995	Copper Tube, Compr Nut, Sleeve	1041642	10/14/2015	09/14/2015	34.73
	WAHR HARDWARE, INC.	C63970	Utility Boxes, Bolts, Bits	1041642	10/14/2015	09/14/2015	13.77
							<b>437.92</b>
573-542-957.000	Motor Pool						
	CITY OF MANISTEE COMMOI		Equipment Rental - Motor Pool	1041619	10/01/2015	10/01/2015	3,004.17
							<b>3,004.17</b>
							<b>Total Dept. WATER OPERATION: 31,326.30</b>
<b>Dept: 543 SEWER - WWTP</b>							
573-543-715.000	Uniform & Cleani						
	MODEL COVERALL SERVICE	0541831	Uniform Cleaning - WWTP	1041635	10/09/2015	09/09/2015	28.77
	MODEL COVERALL SERVICE	0543380	Uniform Cleaning - WWTP	1041635	10/16/2015	09/16/2015	28.77
	MODEL COVERALL SERVICE	0544880	Uniform Cleaning - WWTP	1041635	10/23/2015	09/23/2015	28.77
							<b>86.31</b>
573-543-728.000	SUPPLIES - Ope						
	ACE HARDWARE & HOME CI	142455	Keys	41617	10/15/2015	09/15/2015	3.98
	ACE HARDWARE & HOME CI	142479	Occupancy Sensor Wht	41617	10/16/2015	09/16/2015	23.99
	ACE HARDWARE & HOME CI	142527	Decora Wallplate	41617	10/17/2015	09/17/2015	1.29
	AUTO VALUE \ AUTO-WARES	256-894189	Gage	41623	10/21/2015	09/21/2015	10.19
	COMMUNICRAFT LTD	28415	Shipping - WWTP	41633	09/19/2015	09/09/2015	39.73
	COMMUNICRAFT LTD	28418	Shipping - WWTP	41633	10/02/2015	09/22/2015	39.73
	FASTENAL COMPANY	MIMAN114610	Hex Cap Screw, Cable Ties	41642	10/08/2015	09/08/2015	15.02
	JACKPINE BUSINESS CENTE	393057-0	Man Folders	41650	10/18/2015	09/18/2015	6.97
	JACKPINE BUSINESS CENTE	393057-1	Wastebasket	41650	10/21/2015	09/21/2015	7.99
	JACKPINE BUSINESS CENTE	393092-0	Lgl Paper	41650	10/21/2015	09/21/2015	6.47
	JACKPINE BUSINESS CENTE	37397	Business Cards - R. Mohr	41650	10/22/2015	09/22/2015	40.50
	JACKPINE BUSINESS CENTE	393057-2	High Back Exe Chair	41650	10/24/2015	09/24/2015	219.95
	JACKPINE BUSINESS CENTE	393346-0	Binder, Cor Tape, Post-It Note	41650	10/25/2015	09/25/2015	38.46
	KERR PUMP AND SUPPLY	INV165775FGT	Con-Way Freight on Inv #977-	41652	10/09/2015	09/09/2015	88.50
	REPUBLIC SERVICES #239	0239-001472290	2 Yd Front Load - 15 9th St	41674	08/31/2015	08/31/2015	153.31
	USA BLUE BOOK	735130	Media Plates Modified m-TEC	41679	09/25/2015	08/26/2015	230.94
	WAHR HARDWARE, INC.	D33589	Filters	1041642	10/08/2015	09/08/2015	23.97
	WAHR HARDWARE, INC.	C64826	Freight	1041642	10/22/2015	09/22/2015	14.64
							<b>965.63</b>
573-543-745.000	Chemicals						
	HAVILAND PRODUCTS COMI	165570	Bleach - Sod Hypochlorite	1041627	08/25/2015	07/26/2015	351.30
	HAVILAND PRODUCTS COMI	168572	Ferric Chloride	1041627	09/18/2015	08/19/2015	4,594.82
							<b>4,946.12</b>
573-543-770.000	Vehicle Gas						
	BLARNEY CASTLE FLEET PR	BC177 - 10/06/15	Fuel Usage	1041616	10/20/2015	10/06/2015	278.59
							<b>278.59</b>

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

Page: 14

City of Manistee

qqqq

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
573-543-801.000	Professional Ser						
	SPICER GROUP INC	177663	Arthur St Pump Station Evaluat	1041639	08/26/2015	08/26/2015	3,106.51
	WIN-911 SOFTWARE	1501036192	Annual Support	41685	01/20/2015	01/20/2015	395.00
							<b>3,501.51</b>
573-543-824.000	Lab Testing						
	KAR LABORATORIES, INC.	508990	Ammonia Analysis	1041630	10/23/2015	09/23/2015	120.00
							<b>120.00</b>
573-543-831.000	Contractual Repa						
	ALLMAX SOFTWARE INC	21133	Operator10 Wastewater Data	41618	08/24/2015	08/24/2015	930.00
	NORTHERN FIRE & SAFETY	275600	Annual Fire Ext Insp - WWTP	1041636	09/11/2015	09/11/2015	96.00
	TOP LINE ELECTRIC LLC	6673	WWTP - SCADA/PLC Programm	1041641	08/25/2015	08/25/2015	540.00
	TOP LINE ELECTRIC LLC	6670	Submersible Level Transducers,	1041641	08/25/2015	08/25/2015	2,153.27
							<b>3,719.27</b>
573-543-925.000	Electric						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	1,458.82
							<b>1,458.82</b>
573-543-930.000	Repairs & Mainte						
	AUTO VALUE \ AUTO-WARES	256-893483	Powered Belt	41623	10/13/2015	09/13/2015	8.09
	J.O. GALLOUP COMPANY	S104071772.001	PVC Soc Or Thd Tutb BV w/Viton	41649	10/11/2015	09/11/2015	113.58
	KERR PUMP AND SUPPLY	INV165775	Hydromatic Submersible	41652	09/30/2015	08/31/2015	2,776.00
	KERR PUMP AND SUPPLY	INV165936	4" Neoprene Diaphragm Gasket	41652	10/10/2015	09/10/2015	256.84
	NAPA AUTO PARTS	202839	Tail Light	41666	09/24/2015	09/24/2015	74.20
	USA BLUE BOOK	737390	SignalMaster SPDT 30' Pipe Mnt	41679	09/27/2015	08/28/2015	310.27
							<b>3,538.98</b>
573-543-957.000	Motor Pool						
	CITY OF MANISTEE COMMOI		Equipment Rental - Motor Pool	1041619	10/01/2015	10/01/2015	3,004.17
							<b>3,004.17</b>
							<b>Total Dept. SEWER - WWTP: 21,619.40</b>
<b>Dept: 544 SEWER COLLECTION</b>							
573-544-715.000	Uniform & Cleani						
	MODEL COVERALL SERVICE	0541836	Uniform Cleaning - Str Sewers	1041635	10/09/2015	09/09/2015	9.20
	MODEL COVERALL SERVICE	0543386	Uniform Cleaning - Str Sewers	1041635	10/16/2015	09/16/2015	9.20
	MODEL COVERALL SERVICE	0544884	Uniform Cleaning - Str Sewers	1041635	10/23/2015	09/23/2015	9.20
							<b>27.60</b>
573-544-930.000	Repairs & Mainte						
	NAPA AUTO PARTS	202770	Fitting, Coupler	41666	09/23/2015	09/23/2015	41.07
	OLSON LUMBER COMPANY	106941	Mortar Mix	41669	09/30/2015	08/31/2015	27.56
							<b>68.63</b>
573-544-957.000	Motor Pool						
	CITY OF MANISTEE COMMOI		Equipment Rental - Motor Pool	1041619	10/01/2015	10/01/2015	3,004.16
							<b>3,004.16</b>
573-544-970.000	Capital Outlay - t						
	SWIDORSKI BROS. EXCAVAT	3275	Century Terrace CSO Upgrades	41677	07/28/2015	07/28/2015	400.00
							<b>400.00</b>
							<b>at. SEWER COLLECTION (STREETS): 3,500.39</b>
<b>Dept: 903 CAPITAL OUTLAY - ov</b>							
573-903-987.006	2015 Riverbank S						
	SPICER GROUP INC	177659	Riverbank Sewer Replacement	1041639	08/26/2015	08/26/2015	5,161.75
							<b>5,161.75</b>
573-903-987.007	2015 Sixth Ave P						

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 15

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
	SPICER GROUP INC	177660	6th Avenue Lift Station	1041639	08/26/2015	08/26/2015	3,036.91
							<b>3,036.91</b>
573-903-987.008	2015 Flow Monit						
	SPICER GROUP INC	177662	I&I Flow Monitoring	1041639	08/26/2015	08/26/2015	2,995.60
	SPICER GROUP INC	177658	CSO #18 Flow Measurement	1041639	08/26/2015	08/26/2015	86.86
							<b>3,082.46</b>
<b>Dept. CAPITAL OUTLAY - over \$5,000:</b>							<b>11,281.12</b>
<b>WATER &amp; SEWER UTILITY:</b>							<b>109,063.65</b>
<b>Fund: 594 MARINA FUND</b>							
<b>Dept: 000</b>							
594-000-214.000	Due To Other Fu						
	CITY OF MANISTEE COMMOI		Marina Internal Loan Pmt	1041619	10/01/2015	10/01/2015	25,046.33
							<b>25,046.33</b>
594-000-728.000	SUPPLIES - Ope						
	ABSOLUTE SAFETY, INC.	COM020915	Wet Floor Sign	41615	10/02/2015	09/02/2015	24.95
	FASTENAL COMPANY	MIMAN114989	Laundry Detergent	41642	10/25/2015	09/25/2015	65.99
	OLESON'S FOOD STORES	#7956 - 07/27/15	Misc Supplies	41668	08/26/2015	07/27/2015	15.16
	WAHR HARDWARE, INC.	C62891	Foot Pump w/Gauge	1041642	10/02/2015	09/02/2015	12.49
	WAHR HARDWARE, INC.	D33591	CREDIT - Foot Pump	1041642	10/08/2015	09/08/2015	-12.49
	WAHR HARDWARE, INC.	C63359	Air Pump	1041642	10/08/2015	09/08/2015	16.99
	WAHR HARDWARE, INC.	C65180	Duct Tape, Tarp	1041642	10/25/2015	09/25/2015	46.88
							<b>169.97</b>
594-000-730.000	SUPPLIES - Fue						
	BLARNEY CASTLE OIL CO.	0703193-IN	Gasolint - NL Prem	41625	10/29/2015	09/29/2015	2,948.40
	BLARNEY CASTLE OIL CO.	0703194-IN	Diesel #2 - Dyed ULS	41625	10/29/2015	09/29/2015	1,201.41
							<b>4,149.81</b>
594-000-820.000	Administration						
	CITY OF MANISTEE GENERA		Administration - Marina	1041620	10/01/2015	10/01/2015	2,643.25
							<b>2,643.25</b>
594-000-920.000	Gas						
	DTE ENERGY		Gas Usage - 480 River St	41638	11/01/2015	10/02/2015	52.48
							<b>52.48</b>
594-000-925.000	Electric						
	CONSUMERS ENERGY		Electric Usage	41634	10/25/2015	09/30/2015	1,163.63
							<b>1,163.63</b>
594-000-930.000	Repairs & Mainte						
	WAHR HARDWARE, INC.	D34378	Bolts	1041642	10/23/2015	09/23/2015	2.52
							<b>2.52</b>
<b>Total Dept. 000:</b>							<b>33,227.99</b>
<b>Dept: 574 DEBT SERVICE</b>							
594-574-998.003	Interest - Internal						
	CITY OF MANISTEE COMMOI		Marina Internal Loan Pmt	1041619	10/01/2015	10/01/2015	5,540.24
							<b>5,540.24</b>
<b>Total Dept. DEBT SERVICE:</b>							<b>5,540.24</b>
<b>Total Fund MARINA FUND:</b>							<b>38,768.23</b>

**Fund: 703 CURRENT TAX COLLE**

**Dept: 000**

703-000-215.000 Due DDA

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

City of Manistee

qqqq

Page: 16

<b>Fund/Dept/Acct</b>	<b>Vendor Name</b>	<b>Invoice #</b>	<b>Invoice Desc.</b>	<b>Check #</b>	<b>Due Date</b>	<b>Invoice Date</b>	<b>Amount</b>
	DOWNTOWN DEVELOPMEN		Summer Tax Distribution	41637	11/07/2015	10/08/2015	5,998.94
							<b>5,998.94</b>
703-000-221.000	Due City CITY OF MANISTEE GENERA		Summer Tax Distribution - Ops	1041620	10/08/2015	10/08/2015	44,340.19
							<b>44,340.19</b>
703-000-221.001	Due Refuse CITY OF MANISTEE COMMOI		Summer Tax Distribution - Refu	1041619	10/08/2015	10/08/2015	2,849.97
							<b>2,849.97</b>
703-000-221.002	Due City Admin CITY OF MANISTEE GENERA		Summer Tax Distribution - Admi	1041620	10/08/2015	10/08/2015	955.15
							<b>955.15</b>
703-000-221.003	Due City Pen\Int CITY OF MANISTEE GENERA		Summer Tax Distribution - Pena	1041620	10/08/2015	10/08/2015	7,124.06
							<b>7,124.06</b>
703-000-221.004	Due Water Delin CITY OF MANISTEE WATER		Summer Tax Distribution - Dlq	1041621	10/08/2015	10/08/2015	1,603.68
							<b>1,603.68</b>
703-000-221.005	Due Refuse Delir CITY OF MANISTEE COMMOI		Summer Tax Distribution - DlqR	1041619	10/08/2015	10/08/2015	153.40
							<b>153.40</b>
703-000-222.000	Due County MANISTEE COUNTY TREASU		Summer Tax Distribution - Ops	41659	10/08/2015	10/08/2015	13,679.75
							<b>13,679.75</b>
703-000-228.000	Due State of Mich MANISTEE COUNTY TREASU		Summer Tax Distribution - SET	41659	10/08/2015	10/08/2015	16,398.21
							<b>16,398.21</b>
703-000-234.000	Due to Intermedi MANISTEE INTERMEDIATE S		Summer Tax Distribution	41660	11/07/2015	10/08/2015	6,123.65
							<b>6,123.65</b>
703-000-235.000	Due Community WEST SHORE COMMUNITY C		Summer Tax Distribution	41682	11/07/2015	10/08/2015	7,497.99
							<b>7,497.99</b>
						<b>Total Dept. 000:</b>	<b>106,724.99</b>
						<b>RENT TAX COLLECTION:</b>	<b>106,724.99</b>
<b>Fund: 705 DELINQUENT TAX COI</b>							
<b>Dept: 000</b>							
705-000-221.000	Due City CITY OF MANISTEE GENERA		Delq Pers Prop Tax - Ops	1041620	10/08/2015	10/08/2015	226.06
							<b>226.06</b>
705-000-221.001	Due Refuse CITY OF MANISTEE COMMOI		Delq Pers Prop Tax - Refuse	1041619	10/08/2015	10/08/2015	14.63
							<b>14.63</b>
705-000-221.002	Due City Admin CITY OF MANISTEE GENERA		Delq Pers Prop Tax - Admin	1041620	10/08/2015	10/08/2015	11.72
							<b>11.72</b>
705-000-221.003	Due City Pen\Int CITY OF MANISTEE GENERA		Delq Pers Prop Tax - Int/Pen	1041620	10/08/2015	10/08/2015	114.24

**INVOICE APPROVAL LIST BY FUND REPORT**

10/15/15

Date: 10/15/2015

Time: 11:21 am

Page: 17

City of Manistee

qqqq

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
							<b>114.24</b>
705-000-222.000	Due County MANISTEE COUNTY TREASL		Delq Pers Prop Tax - Ops	41659	10/08/2015	10/08/2015	357.93
							<b>357.93</b>
705-000-225.002	Due MAPS Ops MANISTEE AREA PUBLIC SCI		Delq Pers Prop Tax - Ops	41655	11/07/2015	10/08/2015	285.33
							<b>285.33</b>
705-000-225.003	Due MAPS Bond MANISTEE AREA PUBLIC SCI		Delq Pers Prop Tax - Debt	41655	11/07/2015	10/08/2015	113.18
							<b>113.18</b>
705-000-228.000	Due State of Mich MANISTEE COUNTY TREASL		Delq Pers Prop Tax - SET	41659	10/08/2015	10/08/2015	91.55
							<b>91.55</b>
705-000-234.000	Due to Intermedi MANISTEE INTERMEDIATE S		Delq Pers Prop Tax	41660	11/07/2015	10/08/2015	127.95
							<b>127.95</b>
705-000-235.000	Due Community WEST SHORE COMMUNITY C		Delq Pers Prop Tax	41682	11/07/2015	10/08/2015	175.75
							<b>175.75</b>
						<b>Total Dept. 000:</b>	<b>1,518.34</b>
						<b>DELINQUENT TAX COLLECTION:</b>	<b>1,518.34</b>
						<b>Grand Total:</b>	<b>542,658.39</b>

**Recap by Fund**

Fund #	Fund Name	Amount To Pay	Amount To Relieve
101	GENERAL FUND	145,693.66	0.00
202	MAJOR STREET FUND	17,399.32	0.00
203	LOCAL STREET FUND	6,750.00	0.00
226	CITY REFUSE FUND	75,572.11	0.00
243	BROWNFIELD REDEVELOPMENT AUTH	2,909.50	0.00
275	GRANT MANAGEMENT FUND	3,669.30	0.00
290	PEG COMMISSION	3,221.56	0.00
296	RAMSDELL THEATRE	14,271.24	0.00
490	RENAISSANCE PARK	1,871.96	0.00
508	BOAT RAMP FUND	15,224.53	0.00
573	WATER & SEWER UTILITY	109,063.65	0.00
594	MARINA FUND	38,768.23	0.00
703	CURRENT TAX COLLECTION	106,724.99	0.00
705	DELINQUENT TAX COLLECTION	1,518.34	0.00
	<b>Grand Total:</b>	<b>542,658.39</b>	<b>0.00</b>

**INVOICE APPROVAL LIST BY FUND REPORT**

10/27/15

Date: 10/27/2015

Time: 11:14 am

City of Manistee

qqqq

Page: 1

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
<b>Fund: 101 GENERAL FUND</b>							
<b>Dept: 100 GENERAL</b>							
101-100-925.001	Electric - Street L CONSUMERS ENERGY		Electric Usage	41695	11/02/2015	10/08/2015	77.38
							<b>77.38</b>
<b>Total Dept. GENERAL:</b>							<b>77.38</b>
<b>Dept: 215 CLERK</b>							
101-215-728.000	SUPPLIES - Ope JACKPINE BUSINESS CENTE	394048-1	UPS Backup, Printer	41704	11/14/2015	10/15/2015	140.97
							<b>140.97</b>
<b>Total Dept. CLERK:</b>							<b>140.97</b>
<b>Dept: 253 FINANCE / TREASURE</b>							
101-253-728.000	SUPPLIES - Ope JACKPINE BUSINESS CENTE	394048-2	Keyboard, Wrls	41704	11/14/2015	10/15/2015	59.99
	JACKPINE BUSINESS CENTE	394048-1	UPS Backup, Printer	41704	11/14/2015	10/15/2015	140.97
	JACKPINE BUSINESS CENTE	394208-0	Pens, 32GB USB Jetflash	41704	11/15/2015	10/16/2015	29.90
	OLESON'S FOOD STORES	#0306 - 10/20/15	Card, Cookies	41717	11/19/2015	10/20/2015	8.97
							<b>239.83</b>
<b>Total Dept. FINANCE / TREASURER:</b>							<b>239.83</b>
<b>Dept: 265 MUNICIPAL BUILDINGS</b>							
101-265-850.000	Phone AT&T	2015 - 231398067910	Monthly Service	41691	11/12/2015	10/13/2015	599.75
	AT&T	2015 - 231723158510	Monthly Service	41691	11/12/2015	10/13/2015	80.47
	AT&T	2015 - 231723180310	Monthly Service	41691	11/12/2015	10/13/2015	85.97
	AT&T	2015 - 231723351910	Monthly Service	41691	11/12/2015	10/13/2015	98.44
	AT&T	2015 - 231723595510	Monthly Service	41691	11/12/2015	10/13/2015	130.12
							<b>994.75</b>
101-265-925.336	Electric - Fire CONSUMERS ENERGY		Electric Usage	41695	11/02/2015	10/08/2015	356.06
							<b>356.06</b>
<b>Total Dept. MUNICIPAL BUILDINGS:</b>							<b>1,350.81</b>
<b>Dept: 290 BOARDS &amp; COMMISSIONS</b>							
101-290-886.000	Parks Commissi MANISTEE COUNTY TRANSF	5124	City Parks Tour	41710	10/30/2015	09/30/2015	84.00
							<b>84.00</b>
<b>tal Dept. BOARDS &amp; COMMISSIONS:</b>							<b>84.00</b>
<b>Dept: 301 POLICE</b>							
101-301-715.000	Uniform & Cleani SNYDER SHOE CORP	126284 CR	CREDIT - Pefley pd 2x	41718	09/17/2015	08/18/2015	-145.00
							<b>-145.00</b>
101-301-728.000	SUPPLIES - Ope HEALTHPORT	0178023951	Records Copy	41703	10/04/2015	10/04/2015	5.43
	JACKPINE BUSINESS CENTE	394309-0	8GB Diskgo C2 USB Flash	41704	11/18/2015	10/19/2015	23.97
	JACKPINE BUSINESS CENTE	394299-0	Batteries, Pen, Paper	41704	11/19/2015	10/20/2015	107.55
	SIRCHIE FINGERPRINT	0225910-IN	Evidence Tape, Sterile Cotton	1041705	11/05/2015	10/06/2015	244.01
							<b>380.96</b>
101-301-801.000	Professional Ser STATE OF MICHIGAN - MSP	551-454740	SOR Registration	41721	10/08/2015	10/08/2015	30.00
							<b>30.00</b>

**INVOICE APPROVAL LIST BY FUND REPORT**

10/27/15

Date: 10/27/2015

Time: 11:14 am

City of Manistee

qqqq

Page: 2

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
101-301-831.000	Contractual Repa KOPY SALES INC.	97647	Cost Per Copy - Police	1041698	10/17/2015	10/07/2015	47.96
							<b>47.96</b>
101-301-874.000	Retire. Costs - Bl RILEY/JOHN S//		In Lieu of Blue Cross Insuranc	1041702	10/25/2015	10/25/2015	250.00
							<b>250.00</b>
101-301-930.000	Repairs & Mainte ACE HARDWARE & HOME CI KOWALSKI AUTO BODY	143770	Battery Lithium Repair to 2013 Police Car;	41690 41707	11/19/2015 09/16/2015	10/20/2015 09/16/2015	5.79 6,017.70
							<b>6,023.49</b>
						<b>Total Dept. POLICE:</b>	<b>6,587.41</b>
<b>Dept: 336 FIRE</b>							
101-336-715.000	Uniform & Cleani TAYLOR/DONNA//	3604	Names, Left Chest, Heat Press	41723	10/20/2015	10/20/2015	168.00
							<b>168.00</b>
101-336-728.000	SUPPLIES - Ope AUTO VALUE \ AUTO-WARES AUTO VALUE \ AUTO-WARES JACKPINE BUSINESS CENTE	256-895961 256-895685 393988-0	All Purp Lube Mini Lamp Inkcart	41692 41692 41704	11/08/2015 11/14/2015 11/11/2015	10/09/2015 10/15/2015 10/12/2015	15.56 3.14 47.98
							<b>66.68</b>
101-336-732.000	SUPPLIES - Mec ARROW INTERNATIONAL INC J & B MEDICAL SUPPLY J & B MEDICAL SUPPLY MOORE MEDICAL CORP.	93358377 2304064 2314831 2330624 2338035 2343285 2352601 2352610 2362373 2377650 2390238 2395779 2512583 98829270	EX-IO Needles - 15mm, 25mm, ECG Electrodes Cold Packs IV Catheters IV Catheters, Bandages, IV Adm Blood Glucose Meter, Test Strp Breathing Mask, Nebulizers, Disp Resuscitator, Resp/Monit IV Start Kit Stifneck Collar Chart Paper AED Pads Sure Strip Safety Seal, Sani- LSU Suction Unit	1041690 1041696 1041696 1041696 1041696 1041696 1041696 1041696 1041696 1041696 1041696 1041696 1041696 1041696 41715	10/21/2015 07/24/2015 07/31/2015 08/08/2015 08/12/2015 08/14/2015 08/19/2015 08/20/2015 08/26/2015 09/04/2015 09/09/2015 09/12/2015 11/15/2015 11/07/2015	09/21/2015 06/24/2015 07/01/2015 07/09/2015 07/13/2015 07/15/2015 07/20/2015 07/21/2015 07/27/2015 08/05/2015 08/10/2015 08/13/2015 10/16/2015 10/08/2015	470.39 8.40 31.70 140.50 311.00 66.00 738.69 222.92 166.00 220.20 29.98 69.18 114.86 797.00
							<b>3,386.82</b>
101-336-801.000	Professional Ser ACCUMED GROUP/THE//	0350	EMS Billing Service Fee	41689	10/01/2015	10/01/2015	1,752.32
							<b>1,752.32</b>
101-336-831.000	Contractual Repa KOPY SALES INC.	97644	Cost Per Copy - Fire	1041698	10/17/2015	10/07/2015	33.02
							<b>33.02</b>
101-336-874.000	Retire. Costs - Bl JANOWIAK/DANIEL J// MODJESKI/MARK A// SCRIMGER/SID// SMITH/TIMM H// TABACZKA/JERRY J//		In Lieu of Blue Cross Insuranc In Lieu of Blue Cross Insuranc	41705 41714 1041704 1041706 41722	10/25/2015 10/25/2015 10/25/2015 10/25/2015 10/25/2015	10/25/2015 10/25/2015 10/25/2015 10/25/2015 10/25/2015	250.00 250.00 250.00 250.00 250.00
							<b>1,250.00</b>
101-336-930.000	Repairs & Mainte AUTO VALUE \ AUTO-WARES AUTO VALUE \ AUTO-WARES	256-896203 256-896805	12V 850 CCA, Core All Purp Lube	41692 41692	11/11/2015 11/18/2015	10/12/2015 10/19/2015	417.30 15.56

**INVOICE APPROVAL LIST BY FUND REPORT**

10/27/15

Date: 10/27/2015

Time: 11:14 am

City of Manistee

qqqq

Page: 3

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
							<b>432.86</b>
							<b>Total Dept. FIRE: 7,089.70</b>
<b>Dept: 441 PUBLIC WORKS</b>							
101-441-715.000	Uniform & Cleani						
	MODEL COVERALL SERVICE	0546413	Uniform Cleaning - DPW	1041700	10/30/2015	09/30/2015	29.26
	MODEL COVERALL SERVICE	0547964	Uniform Cleaning - DPW	1041700	11/06/2015	10/07/2015	29.26
	MODEL COVERALL SERVICE	0549498	Uniform Cleaning - DPW	1041700	11/13/2015	10/14/2015	29.26
	SNYDER SHOE CORP	18952	Safety Boots - Feliczak	41718	09/16/2015	08/17/2015	160.00
							<b>247.78</b>
101-441-728.000	SUPPLIES - Ope						
	ABSOLUTE SAFETY, INC.	DPW300915	Safety Meeting - DPW	41688	10/30/2015	09/30/2015	154.50
	AUTO VALUE \ AUTO-WARES	256-888239	8mm Combo Wrench	41692	08/21/2015	07/22/2015	5.19
	FASTENAL COMPANY	MIMAN115334	Safety Glasses	41699	11/14/2015	10/15/2015	7.17
	MANISTEE COUNTY PLANNII	013-15	GIS Services & Mailing Labels	41709	09/17/2015	09/17/2015	52.00
	MODEL COVERALL SERVICE	0547965	Centerpull Roll Twl, Hand	1041700	11/06/2015	10/07/2015	54.60
	NAPA AUTO PARTS	203137	Crimson 2 Grs Cart	41716	10/01/2015	10/01/2015	46.90
	PRAXAIR DISTRIBUTION INC	53739743	Oxygen	1041701	09/18/2015	09/18/2015	42.63
	PRAXAIR DISTRIBUTION INC	53827506	Acetylene, Oxygen, Argon	1041701	09/20/2015	09/20/2015	53.17
	WAHR HARDWARE, INC.	C56939	Foam Filter	1041709	08/06/2015	07/07/2015	35.97
	WAHR HARDWARE, INC.	C66474	Gloves, Bulbs	1041709	11/08/2015	10/09/2015	17.07
							<b>469.20</b>
101-441-930.000	Repairs & Mainte						
	AUTO VALUE \ AUTO-WARES	256-896288	Oil Filter, Qt Fiber Rpr Kit	41692	11/12/2015	10/13/2015	90.68
	AUTO VALUE \ AUTO-WARES	256-896512	Clevis Pin Asst	41692	11/14/2015	10/15/2015	9.59
	FASTENAL COMPANY	MIMAN115117	Hex-Slotted Dr, Drill Bits	41699	10/31/2015	10/01/2015	11.82
	GRAND RENTAL STATION	1-540983	Chainsaw, Sharp Off	41701	11/07/2015	10/08/2015	86.40
	MANISTEE TIRE SERVICE	37861	Commercial Dismount/Mount,	41713	11/08/2015	10/09/2015	55.00
	NAPA AUTO PARTS	203003	Freeze-Off Penetrant	41716	09/28/2015	09/28/2015	27.96
	NAPA AUTO PARTS	203028	Freeze-Off Penetrant	41716	09/29/2015	09/29/2015	83.88
	NAPA AUTO PARTS	203052	CV Boot Clamp	41716	09/29/2015	09/29/2015	36.04
	NAPA AUTO PARTS	203504	Antifreeze	41716	10/08/2015	10/08/2015	68.94
	VALLEY TRUCK PARTS INC.	2-1195546	Resurface 12" Flywheel	41727	07/06/2015	06/26/2015	48.00
	WAHR HARDWARE, INC.	C56129	Bolts	1041709	07/29/2015	06/29/2015	6.24
							<b>524.55</b>
101-441-985.000	Lease Purchase						
	US BANK EQUIPMENT FINAN	289838880	Kyocera Copier Lease - DPW	41725	10/17/2015	10/17/2015	125.90
							<b>125.90</b>
							<b>Total Dept. PUBLIC WORKS: 1,367.43</b>
<b>Dept: 748 COMMUNITY DEVELO</b>							
101-748-831.000	Contractual Repa						
	KOPY SALES INC.	97643	Cost Per Copy - Comm Dev	1041698	10/17/2015	10/07/2015	25.22
							<b>25.22</b>
							<b>COMMUNITY DEVELOPMENT OFFICE: 25.22</b>
<b>Dept: 751 PARKS &amp; RECREATIO</b>							
101-751-728.000	SUPPLIES - Ope						
	AMOR SIGN STUDIOS INC	8119	Signage - North Beach Access,	1041689	09/19/2015	09/09/2015	229.20
	FASTENAL COMPANY	MIMAN115216	Batteries	41699	11/07/2015	10/08/2015	11.89
	MANISTEE COUNTY LANDFIL	4235-000011247	Appliance/White Goods	41708	10/15/2015	10/15/2015	74.01
	WAHR HARDWARE, INC.	D34279	Sharpie, Broom, Shovel	1041709	10/21/2015	09/21/2015	46.96
	WAHR HARDWARE, INC.	C64781	Mason Line, Blue Chalk	1041709	10/22/2015	09/22/2015	12.98
	WAHR HARDWARE, INC.	C66393	Batteries	1041709	11/07/2015	10/08/2015	26.97
							<b>402.01</b>
101-751-925.000	Electric						

**INVOICE APPROVAL LIST BY FUND REPORT**

10/27/15

Date: 10/27/2015

Time: 11:14 am

City of Manistee

qqqq

Page: 4

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
	CONSUMERS ENERGY		Electric Usage	41695	11/02/2015	10/08/2015	253.48
							<b>253.48</b>
101-751-930.000	Repairs & Mainte						
	AUTO VALUE \ AUTO-WARES	256-895011	Blade Fuse	41692	10/29/2015	09/29/2015	1.69
	AUTO VALUE \ AUTO-WARES	256-895161	2 Gal ASO Gas, Air Filters	41692	10/30/2015	09/30/2015	44.71
	AUTO VALUE \ AUTO-WARES	256-895103	Air Filter, Oil Filter	41692	10/30/2015	09/30/2015	37.16
	AUTO VALUE \ AUTO-WARES	256-895658	Drain Pan	41692	11/05/2015	10/06/2015	2.99
	EXCELLENT EXTERIORS		40 ft Gutter - 1st St Bathhous	41698	09/30/2015	09/30/2015	200.00
	FASTENAL COMPANY	MIMAN115040	Flat Washer, Lock Nut	41699	10/29/2015	09/29/2015	9.27
	FASTENAL COMPANY	MIMAN115201	Duct Tape, Barricade Tape,	41699	11/07/2015	10/08/2015	27.78
	FASTENAL COMPANY	MIMAN115213	Batteries	41699	11/07/2015	10/08/2015	8.67
	FREEMAN CREEK EQUIPMEI	5737	Notched Blades	41700	09/28/2015	09/28/2015	90.99
	WAHR HARDWARE, INC.	C55742	Roller, Replmnt, Tray, Stain	1041709	07/25/2015	06/25/2015	56.26
	WAHR HARDWARE, INC.	D31905	Bolts	1041709	09/04/2015	08/05/2015	8.98
	WAHR HARDWARE, INC.	D31909	CREDIT - Bolts	1041709	09/04/2015	08/05/2015	-4.69
	WAHR HARDWARE, INC.	C65518	Fill Valve & Flapper Kit	1041709	10/29/2015	09/29/2015	16.99
	WAHR HARDWARE, INC.	D34763	Anti-Freeze	1041709	10/31/2015	10/01/2015	-68.00
	WAHR HARDWARE, INC.	C65729	Anti-Freeze	1041709	10/31/2015	10/01/2015	271.32
	WAHR HARDWARE, INC.	C66283	GFCI Outlet Tester	1041709	11/06/2015	10/07/2015	11.19
							<b>715.31</b>
<b>Total Dept. PARKS &amp; RECREATION:</b>							<b>1,370.80</b>
<b>Dept: 801 APPROPRIATIONS</b>							
101-801-892.000	Alliance for Econ						
	ALLIANCE FOR ECONOMIC S		Appropriation	1041688	10/16/2015	10/16/2015	11,629.50
							<b>11,629.50</b>
<b>Total Dept. APPROPRIATIONS:</b>							<b>11,629.50</b>
<b>al Fund GENERAL FUND:</b>							<b>29,963.05</b>
<b>Fund: 203 LOCAL STREET FUND</b>							
<b>Dept: 000</b>							
203-000-936.000	Preservation Stre						
	SPICER GROUP INC	177730	2015 Street Improvements	1041707	08/26/2015	08/26/2015	17,909.28
	SPICER GROUP INC	178216	2015 Street Improvements	1041707	09/30/2015	09/30/2015	1,191.65
	SPICER GROUP INC	178218	2015 Street Improvements	1041707	09/30/2015	09/30/2015	7,900.00
							<b>27,000.93</b>
<b>Total Dept. 000:</b>							<b>27,000.93</b>
<b>rd LOCAL STREET FUND:</b>							<b>27,000.93</b>
<b>Fund: 296 RAMSDELL THEATRE</b>							
<b>Dept: 000</b>							
296-000-753.000	Ramsdell - Perfo						
	TRAVERSE MAGAZINE	2015-77030	Advertisement	41724	10/30/2015	09/30/2015	50.00
							<b>50.00</b>
296-000-850.000	Phone						
	AT&T	2015 - 231398075410	Monthly Service	41691	11/12/2015	10/13/2015	162.68
							<b>162.68</b>
<b>Total Dept. 000:</b>							<b>212.68</b>
<b>nd RAMSDELL THEATRE:</b>							<b>212.68</b>

**Fund: 430 CAPITAL IMPROVEME**

**Dept: 000**

**INVOICE APPROVAL LIST BY FUND REPORT**

10/27/15

Date: 10/27/2015

Time: 11:14 am

City of Manistee

qqqq

Page: 5

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
430-000-979.026	Wayfinding Signs AMOR SIGN STUDIOS INC	8119	Signage - North Beach Access,	1041689	09/19/2015	09/09/2015	7,500.00
							<b>7,500.00</b>
						<b>Total Dept. 000:</b>	<b>7,500.00</b>
						<b>AL IMPROVEMENT FUND:</b>	<b>7,500.00</b>
<b>Fund: 508 BOAT RAMP FUND</b>							
<b>Dept: 000</b>							
508-000-850.000	Phone AT&T	2015 - 231398258510	Monthly Service	41691	11/12/2015	10/13/2015	97.11
							<b>97.11</b>
						<b>Total Dept. 000:</b>	<b>97.11</b>
						<b>Fund BOAT RAMP FUND:</b>	<b>97.11</b>
<b>Fund: 573 WATER &amp; SEWER UTIL</b>							
<b>Dept: 541 ADMINISTRATION</b>							
573-541-728.000	SUPPLIES - Ope HANSEN/LORI//	277906	Office Cleaning	41702	10/04/2015	10/04/2015	75.00
							<b>75.00</b>
573-541-831.000	Contractual Repa KOPY SALES INC.	97645	Cost Per Copy - Garage	1041698	10/17/2015	10/07/2015	99.62
							<b>99.62</b>
573-541-850.000	Phone AT&T	2015 - 231398303110	Monthly Service	41691	11/12/2015	10/13/2015	85.97
	AT&T	2015 - 231723149610	Monthly Service	41691	11/12/2015	10/13/2015	85.97
	AT&T	2015 - 231723149710	Monthly Service	41691	11/12/2015	10/13/2015	1,716.42
							<b>1,888.36</b>
						<b>Total Dept. ADMINISTRATION:</b>	<b>2,062.98</b>
<b>Dept: 542 WATER OPERATION</b>							
573-542-715.000	Uniform & Cleani MODEL COVERALL SERVICE	0492877 #2	Uniform Emblem/Call Name -	1041700	02/27/2015	01/28/2015	25.00
	MODEL COVERALL SERVICE	0494314 #2	Uniform Cleaning - Water	1041700	03/06/2015	02/04/2015	25.00
	MODEL COVERALL SERVICE	0495915	Uniform Cleaning - Water	1041700	03/13/2015	02/11/2015	20.50
	MODEL COVERALL SERVICE	0497367 #2	Uniform Non-Returned - Water	1041700	03/20/2015	02/18/2015	43.00
	MODEL COVERALL SERVICE	0498849	Uniform Cleaning - Water	1041700	03/27/2015	02/25/2015	20.50
	MODEL COVERALL SERVICE	0500385	Uniform Cleaning - Water	1041700	04/03/2015	03/04/2015	10.91
	MODEL COVERALL SERVICE	0520541 #2	Uniforms / Non-Returned	1041700	07/03/2015	06/03/2015	192.88
	MODEL COVERALL SERVICE	0523619	Uniform Cleaning /DPP - Water	1041700	07/17/2015	06/17/2015	1.32
	MODEL COVERALL SERVICE	0525166	Uniform Cleaning /DPP - Water	1041700	07/24/2015	06/24/2015	1.32
	MODEL COVERALL SERVICE	0546416	Uniform Cleaning - Water	1041700	10/30/2015	09/30/2015	27.24
	MODEL COVERALL SERVICE	0547967	Uniform Cleaning - Water	1041700	11/06/2015	10/07/2015	42.20
	MODEL COVERALL SERVICE	0549501	Uniform Cleaning - Water	1041700	11/13/2015	10/14/2015	27.20
	SNYDER SHOE CORP	18877	Safety Boots - Riley	41718	09/02/2015	08/03/2015	150.00
							<b>587.07</b>
573-542-728.000	SUPPLIES - Ope WAHR HARDWARE, INC.	C65557	Adj Wrench, Gloves	1041709	10/29/2015	09/29/2015	35.98
							<b>35.98</b>
573-542-824.000	Lab Testing KENT COUNTY HEALTH DEP.	1934	Shipping Cost - Water Sample	41706	10/17/2015	09/17/2015	12.87
	KENT COUNTY HEALTH DEP.	E093015-3921	Water Samples	41706	11/04/2015	10/05/2015	336.00
	STATE OF MICHIGAN - ESSD	923527	Lab Services - 523 5th Ave	41720	09/30/2015	08/31/2015	175.00

**INVOICE APPROVAL LIST BY FUND REPORT**

10/27/15

Date: 10/27/2015

Time: 11:14 am

City of Manistee

qqqq

Page: 6

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
	WAHR HARDWARE, INC.	C66087	Freight	1041709	11/04/2015	10/05/2015	11.19
	WAHR HARDWARE, INC.	C66336	Freight	1041709	11/06/2015	10/07/2015	11.13
	WAHR HARDWARE, INC.	C66696	Freight	1041709	11/11/2015	10/12/2015	10.61
	WAHR HARDWARE, INC.	D35316	Freight	1041709	11/13/2015	10/14/2015	10.73
							<b>567.53</b>
573-542-831.000	Contractual Repa TOP LINE ELECTRIC LLC	6747	Maywood Tower Radio Cable	1041708	09/22/2015	09/22/2015	938.00
							<b>938.00</b>
573-542-925.000	Electric CONSUMERS ENERGY		Electric Usage	41695	11/02/2015	10/08/2015	4,375.73
							<b>4,375.73</b>
573-542-930.000	Repairs & Mainte GREAT LAKES MATERIALS	8054480	6AA - Port Inland	1041695	09/24/2015	09/24/2015	29.65
	GREAT LAKES MATERIALS	8054486	6AA - Port Inland	1041695	09/25/2015	09/25/2015	33.00
	GREAT LAKES MATERIALS	8054489	21AA - Port Inland	1041695	09/28/2015	09/28/2015	12.65
	MICHIGAN METER TECHNOL	95481	Conductor Remote Wire	1041699	10/15/2015	09/15/2015	141.23
	USA BLUE BOOK	719846	35 Gal Top Mount Tank for	41726	09/09/2015	08/10/2015	271.09
							<b>487.62</b>
							<b>Total Dept. WATER OPERATION: 6,991.93</b>
<b>Dept: 543 SEWER - WWTP</b>							
573-543-715.000	Uniform & Cleani MODEL COVERALL SERVICE	0546411	Uniform Cleaning - WWTP	1041700	10/30/2015	09/30/2015	28.77
	MODEL COVERALL SERVICE	0547961	Uniform Cleaning - WWTP	1041700	11/06/2015	10/07/2015	28.77
	MODEL COVERALL SERVICE	0549493	Uniform Cleaning - WWTP	1041700	11/13/2015	10/14/2015	28.77
	SNYDER SHOE CORP	18896	Safety Boots - Szpliet	41718	09/05/2015	08/06/2015	148.75
							<b>235.06</b>
573-543-728.000	SUPPLIES - Ope ABSOLUTE SAFETY, INC.	WWTP300915	Safety Meeting - WWTP	41688	10/30/2015	09/30/2015	152.05
	ACE HARDWARE & HOME CI	143271	Sponge, Scrubber, Glad Bags,	41690	11/07/2015	10/08/2015	41.75
	ACE HARDWARE & HOME CI	143419	Shower Liner	41690	11/10/2015	10/11/2015	10.99
	BLARNEY CASTLE OIL CO.	0707502	CHV Meropa 220 & 68 35#Pail	41694	11/07/2015	10/08/2015	224.54
	JACKPINE BUSINESS CENTE	393560-0	Paper	41704	10/30/2015	09/30/2015	31.99
	JACKPINE BUSINESS CENTE	393624-0	Lbl Protector, Labels, Dsk Tra	41704	11/01/2015	10/02/2015	32.94
	JACKPINE BUSINESS CENTE	393830-0	View Binders	41704	11/06/2015	10/07/2015	6.81
	MODEL COVERALL SERVICE	0547961	Uniform Cleaning - WWTP	1041700	11/06/2015	10/07/2015	31.37
	SAFETY SERVICES, INC.	110943	Rx Safety Glasses - Szpliet	1041703	11/01/2015	10/02/2015	273.75
	STATE INDUSTRIAL PRODUC	97490975	Block Worx Bct 5lb	41719	11/04/2015	10/05/2015	495.96
	USA BLUE BOOK	755162	BOD Probes	41726	10/18/2015	09/18/2015	381.86
	USA BLUE BOOK	764920	Suspended Float	41726	10/30/2015	09/30/2015	392.97
	WAHR HARDWARE, INC.	C65655	409 Cleaner, Level	1041709	10/30/2015	09/30/2015	34.28
							<b>2,111.26</b>
573-543-745.000	Chemicals CHEMCO PRODUCTS INCOF	106381	P-508	1041691	10/30/2015	09/30/2015	3,294.21
							<b>3,294.21</b>
573-543-801.000	Professional Ser BANKS/JODY//	008	WWTP Consulting Service -	41693	10/01/2015	10/01/2015	1,000.00
	SPICER GROUP INC	178215	Arthur St Pump Station Eval	1041707	09/30/2015	09/30/2015	6,088.81
							<b>7,088.81</b>
573-543-824.000	Lab Testing KAR LABORATORIES, INC.	509494	Mercury Analysis	1041697	10/30/2015	09/30/2015	225.00
							<b>225.00</b>
573-543-920.000	Gas DTE ENERGY		Gas Usage - 15 9th Street	41696	11/13/2015	10/14/2015	733.27

**INVOICE APPROVAL LIST BY FUND REPORT**

10/27/15

Date: 10/27/2015

Time: 11:14 am

City of Manistee

qqqq

Page: 7

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
							<b>733.27</b>
573-543-925.000	Electric CONSUMERS ENERGY		Electric Usage	41695	11/02/2015	10/08/2015	8,516.00
							<b>8,516.00</b>
573-543-930.000	Repairs & Mainte						
	AUTO VALUE \ AUTO-WARES	256-895417	Oil HD30	41692	11/02/2015	10/03/2015	38.28
	AUTO VALUE \ AUTO-WARES	256-895724	PM Chemicals	41692	11/06/2015	10/07/2015	43.69
	AUTO VALUE \ AUTO-WARES	256-895949	Syn Grs, Non Detergnt 20W	41692	11/08/2015	10/09/2015	159.89
	AUTO VALUE \ AUTO-WARES	256-895974	O-Rings	41692	11/08/2015	10/09/2015	2.94
	DUBRIC DETROIT LLC	00052103	10 Ring Set - Split	41697	10/29/2015	09/29/2015	885.42
	NAPAAUTO PARTS	203486	Turbine Oil, Oil Gun	41716	10/08/2015	10/08/2015	78.88
							<b>1,209.10</b>
<b>Total Dept. SEWER - WWTP:</b>							<b>23,412.71</b>
<b>Dept: 544 SEWER COLLECTION</b>							
573-544-715.000	Uniform & Cleani						
	MODEL COVERALL SERVICE	0546415	Uniform Cleaning - Str Sewers	1041700	10/30/2015	09/30/2015	9.20
	MODEL COVERALL SERVICE	0547966	Uniform Cleaning - Str Sewers	1041700	11/06/2015	10/07/2015	9.20
	MODEL COVERALL SERVICE	0549500	Uniform Cleaning - Str Sewers	1041700	11/13/2015	10/14/2015	9.20
							<b>27.60</b>
573-544-930.000	Repairs & Mainte						
	FASTENAL COMPANY	MIMAN115255	Exterior Wood Screw, Battery	41699	11/08/2015	10/09/2015	26.52
							<b>26.52</b>
<b>Dept. SEWER COLLECTION (STREETS):</b>							<b>54.12</b>
<b>Dept: 903 CAPITAL OUTLAY - over \$5,000:</b>							
573-903-987.003	2015 Industrial P						
	SPICER GROUP INC	178210	Industrial Park Pump Station	1041707	09/30/2015	09/30/2015	401.54
							<b>401.54</b>
573-903-987.004	2015 Sweetnam						
	SPICER GROUP INC	178209	Sweetnam Pump Station Design	1041707	09/30/2015	09/30/2015	401.54
							<b>401.54</b>
573-903-987.006	2015 Riverbank S						
	SPICER GROUP INC	178211	Riverbank Sewer Replacement	1041707	09/30/2015	09/30/2015	4,590.95
							<b>4,590.95</b>
573-903-987.007	2015 Sixth Ave P						
	SPICER GROUP INC	178212	6th Avenue Lift Station	1041707	09/30/2015	09/30/2015	12,022.70
							<b>12,022.70</b>
573-903-987.008	2015 Flow Monit						
	SPICER GROUP INC	178214	I&I Flow Monitoring	1041707	09/30/2015	09/30/2015	4,004.10
							<b>4,004.10</b>
<b>Dept. CAPITAL OUTLAY - over \$5,000:</b>							<b>21,420.83</b>
<b>WATER &amp; SEWER UTILITY:</b>							<b>53,942.57</b>
<b>Fund: 703 CURRENT TAX COLLE</b>							
<b>Dept: 000</b>							
703-000-221.000	Due City						
	CITY OF MANISTEE GENERA		Summer Tax Distribution - Ops	1041693	10/27/2015	10/27/2015	5,712.34
							<b>5,712.34</b>
703-000-221.001	Due Refuse						
	CITY OF MANISTEE COMMOI		Summer Tax Distribution - Refu	1041692	10/27/2015	10/27/2015	435.11

**INVOICE APPROVAL LIST BY FUND REPORT**

10/27/15

Date: 10/27/2015

Time: 11:14 am

Page: 8

City of Manistee

qqqq

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Invoice Date	Amount
							<b>435.11</b>
703-000-221.002	Due City Admin CITY OF MANISTEE GENERA		Summer Tax Distribution - Adm	1041693	10/27/2015	10/27/2015	133.60
							<b>133.60</b>
703-000-221.003	Due City Pen\Int CITY OF MANISTEE GENERA		Summer Tax Distribution - Pena	1041693	10/27/2015	10/27/2015	737.41
							<b>737.41</b>
703-000-221.004	Due Water Delin CITY OF MANISTEE WATER		Summer Tax Distribution - Dlq	1041694	10/27/2015	10/27/2015	8.94
							<b>8.94</b>
703-000-221.005	Due Refuse Delir CITY OF MANISTEE COMMOI		Summer Tax Distribution - DlqR	1041692	10/27/2015	10/27/2015	12.48
							<b>12.48</b>
703-000-222.000	Due County MANISTEE COUNTY TREASL		Summer Tax Distribution - Ops	41711	10/27/2015	10/27/2015	1,717.98
							<b>1,717.98</b>
703-000-228.000	Due State of Mich MANISTEE COUNTY TREASL		Summer Tax Distribution - SET	41711	10/27/2015	10/27/2015	2,270.50
							<b>2,270.50</b>
703-000-234.000	Due to Intermedi MANISTEE INTERMEDIATE S		Summer Tax Distribution	41712	11/26/2015	10/27/2015	870.33
							<b>870.33</b>
703-000-235.000	Due Community WEST SHORE COMMUNITY		Summer Tax Distribution	41728	11/26/2015	10/27/2015	1,169.54
							<b>1,169.54</b>
						<b>Total Dept. 000:</b>	<b>13,068.23</b>
						<b>TRENT TAX COLLECTION:</b>	<b>13,068.23</b>
						<b>Grand Total:</b>	<b>131,784.57</b>

**Recap by Fund**

Fund #	Fund Name	Amount To Pay	Amount To Relieve
101	GENERAL FUND	29,963.05	0.00
203	LOCAL STREET FUND	27,000.93	0.00
296	RAMSDELL THEATRE	212.68	0.00
430	CAPITAL IMPROVEMENT FUND	7,500.00	0.00
508	BOAT RAMP FUND	97.11	0.00
573	WATER & SEWER UTILITY	53,942.57	0.00
703	CURRENT TAX COLLECTION	13,068.23	0.00
	<b>Grand Total:</b>	<b>131,784.57</b>	<b>0.00</b>

## PROSECUTING ATTORNEY SERVICE AGREEMENT

**THIS AGREEMENT**, entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2015 between the **CITY OF MANISTEE** (hereinafter "City"), a Michigan municipal corporation of 70 Maple Street, Manistee, Michigan, the **COUNTY OF MANISTEE** (hereinafter "County") of 415 Third Street, Manistee, Michigan and the **MANISTEE COUNTY PROSECUTING ATTORNEY** (hereinafter "PA");

**WHEREAS**, the City desires to retain the services of the County and PA to prosecute violations of certain City Ordinances and Codes and State Statutes, which are by definition misdemeanors, including those acts identified in the City's Code of Ordinances, Chapters 410 (Uniform Traffic Code), 658 (Offensives Related to Property), 662 (Peace Disturbances) 670 (River, Lake and Harbor Regulations), 690 (Weapons and Explosives) and Chapter 693 (Drug Paraphernalia); and

**WHEREAS**, the County and PA desire to agree to provide prosecutor services as to such misdemeanor and felony matters occurring within the City's jurisdictional boundaries;

**NOW, THEREFORE**, the City, County and PA, for good and valuable consideration, receipt of which is hereby acknowledged, do agree and contract as follows:

1. **Prosecutorial Services:**

The County and PA agree to prosecute those occurrences that occur within the City that constitute misdemeanors or felonies under the City's Code of Ordinances or State Statute, and to provide all services which are necessary to promptly and efficiently prosecute such violations which, in the sole discretion of the PA, merit the authorization of a formal complaint and warrant. Such cases shall be prosecuted in the name of the City of Manistee.

2. **Prosecutorial Services Not Included:**

The City agrees that this agreement *does not* include the prosecution of any act(s) that is only a civil infraction under the City's Code of Ordinances, the prosecution of which matters shall remain the responsibility of the City and its City Attorney.

3. **Term & Effective Date of Agreement:**

This Agreement shall cover the period(s) from January 1, 2016 through December 31, 2016. The Agreement may be renewed for additional 4-year periods upon written agreement of the Parties.

4. **Payments for Services:**

The City shall pay for the services to be rendered by the County and the PA as follows:

YEAR	TOTAL PAYMENT	PAYMENT TO COUNTY	PAYMENT TO PROSECUTOR
01/01/16 – 12/31/16	\$12,387.90	\$5,698.43	\$6,689.47

Total payments shall be split 54% to County Prosecutor and 46% to Manistee County.

Payment shall be due on the 15<sup>th</sup> day of January of 2016. The payment designated above is for the County and PA. The allocation of such payment between the County and the PA shall be subject to change at the sole responsibility and prerogative of the County and PA. The City shall be notified of such changes prior to the payment date.

5. **Interpretation:**

This Agreement shall be interpreted in accordance with the laws of the State of Michigan.

6. **Entire Agreement:**

The Parties acknowledge and agree that this is the entire agreement between them regarding the subject matter hereof, and there are no other agreements, express or implied, written or oral, that have not been specifically incorporated herein.

7. **Binding Effect:**

This Agreement shall be binding upon the respective Parties, their heirs, successors and assigns.

**City of Manistee**

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Colleen Kenny, Mayor

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Michelle Wright, Clerk

**County of Manistee**

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Ken Hilliard, Chairperson, Board of Commissioners

**Manistee County Prosecuting Attorney**

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Ford K. Stone, Prosecuting Attorney



## MEMORANDUM

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**TO:** Ben Bifoss, Interim City Manager; Manistee City Council

**FROM:** Patrick Kay, Executive Director of Manistee Main Street DDA

**DATE:** November 5, 2015

**RE:** Application and procedure for Redevelopment District Liquor Licenses

Ben,

At the July 7<sup>th</sup> City Council Meeting, Councilman Mark Wittlieff requested that we create an application and procedure for the Redevelopment District Liquor Licenses. This has been completed by our Economic Restructuring Committee and attached for the council to approve. Let me know if you need anything else from us to complete this program. If not, once the application and procedure is approved, the Main Street DDA will put this system in place and begin accepting applicants. We will review them and make recommendations to council for final approval. Thank you for your time.

A handwritten signature in black ink, appearing to be "PKay", written over a horizontal line.

Patrick Kay, Executive Director  
Manistee Main Street DDA

**Redevelopment Liquor License Program  
for  
Downtown Manistee, Michigan**

In July 2015, the Manistee City Council passed a resolution establishing the Main Street Downtown Development Authority (MSDDA) Redevelopment Project Area. This enabled the MSDDA to create additional liquor licenses in an area that currently did not have any available for new businesses coming into the community. In the past, issuing new liquor licenses in the State of Michigan was determined by the population in the area a license was needed. In areas like Manistee where the population drastically increases in the summer months through tourism the regular population does not account for the growth and development that has been seen in this area over the past several years. This problem led the Michigan Economic Development Corporation (MEDC) to create the Redevelopment Liquor License Program (MCL 436.1521a (1)) which enabled liquor license to be created based on economic growth and investment instead of population. Now, because of development and investment that has occurred in Downtown Manistee over the past several years, new license are able to be created for new and expanding businesses in the MSDDA District. It is a requirement of the program that each applicant invest a minimum of \$75,000 into the new location and have a legal seating capacity of no less than 50 persons.

The Redevelopment Project Area has been identified as the same area as the MSDDA District, therefore only applicants inside this district can apply for a license under this program. Applicants must complete the application below and submit it to the MSDDA to be considered for a license under this program. The MSDDA will review these applications and will make recommendations to the Manistee City Council for final approval. The application is address specific and cannot be moved to another address.

To be considered through this application process an applicant must complete the application below, include a complete business plan (including a proforma of the proposed business), and pay a fee of \$500. This fee will be refunded upon request once the new business has secured their license from the Michigan Liquor Control Commission (MLCC) and operate their business in the MSDDA District for at least one year.

All applications will be reviewed by the MSDDA on the basis of plan, investment, viability, need, and sustainability. For more information please contact the MSDDA at 231-398-3262 or at [patrick@manisteedowntown.com](mailto:patrick@manisteedowntown.com). Applications can be mailed to MSDDA, 294 River Street, Suite 2, Manistee, Michigan, 49660.

**Initial Application for Redevelopment Liquor License**  
**Downtown Manistee, Michigan**

Business Name: \_\_\_\_\_  
 Applicant Name: \_\_\_\_\_  
 Email Address: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 Location (Address): \_\_\_\_\_  
 Parcel ID Number: \_\_\_\_\_  
 Size of Location (Sqft): \_\_\_\_\_  
 Own or Lease: \_\_\_\_\_  
 Property Owner (if Leasing): \_\_\_\_\_  
 Seating Capacity of  
 Location: \_\_\_\_\_

How much have you or the owner invested in the location in the past 5 years? (\$):

\_\_\_\_\_

How much do you anticipate investing in the business prior to starting a business?  
 (\$): \_\_\_\_\_

What is the anticipated annual operational budget (\$) ? \_\_\_\_\_

How many employees (in FTE) do you expect to employ at opening time?

\_\_\_\_\_

How many FTEs do you expect to employ within three (3) years?

\_\_\_\_\_

Please explain your business plans for this location (attach additional sheets as needed):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Office Use Only:

Fee: <input type="checkbox"/> \$500 (Refundable)	Business Plan Included:
Date Received:	Date Approved:
Signature:	

MEMO TO: R. Ben Bifoss, Interim City Manager  
FROM: Jeffrey W. Mikula, Public Works Director  
DATE: November 10, 2015  
SUBJECT: Plow Truck Purchases



We have been working on replacing two of our plow trucks for the past 6+ months. The plan being presented includes replacing Truck #140 which is a 1992 Ford L8000 and Truck # 134 which is a 1995 Ford L8000. These two trucks served as primary plow trucks and then were converted as salt/sanders. Both trucks have far exceeded their useful lives and require substantial and costly maintenance and repairs.

We are proposing to purchase two tandem axle trucks and equip both with underbelly scrapers and front wing hitches. One truck will be equipped with a sand/salt spreader and pre-wet system, the second truck will be equipped with a dump box.

The new salt/sand truck will allow us to reduce our salt/sand trucks from our current inventory of three to two while enhancing our abilities and efficiencies for treating the road surfaces. The addition of a 4<sup>th</sup> tandem plow/haul truck creates additional internal capacity for hauling snow from River St while reducing contracted trucking costs. It also improves our ability for plowing drifted areas, moving snow banks back from the roadway as well as a backup for snow plowing when one of the primary trucks are down.

Plow trucks are purchased in two parts. 1) Cab and Chassis 2) Equipment. We have identified Wieland International as the current MiDEAL vendor (Contract # 3958-0160D) for Cab and Chassis' and Truck and Trailer Specialties as the current MiDEAL vendor (Contract # 071B5500010) for equipment. The last Truck purchased in 2014 was from these two vendors and we have been very satisfied with the truck and the service from both vendors.

### **2016 Tandem Plow/Haul Truck**

Weiland International	\$94,145.00
<u>Truck and Trailer Specialties</u>	<u>\$73,461.42</u>
Total	\$167,606.42
2015-16 Motor Pool Budget	\$170,000.00
Variance	(\$2,393.58)

**2016 Tandem Plow/Salt/Sand Truck**

Weiland International	\$94,145.00
<u>Truck and Trailer Specialties</u>	<u>\$107,909.36</u>
Total	\$202,054.36
2015-16 Motor Pool Budget	\$180,000.00
Variance	+\$22,054.36

Cab and Chassis expected delivery is 4-5 months from order however, equipment has been in high demand the past two years and equipment delivery is not expected for 12-14 months. Both truck purchases will be financed. We are not able to obtain financing quotes that can be held for 12-14 months. The Finance Director is proposing to competitively bid out financing within 1-2 months of the anticipated truck deliveries.

The 2016-17 Motor Pool Budget will be updated to reflect the actual purchase amounts.

TRUCK AND TRAILER SPECIALTIES  
OF BOYNE FALLS, INC.  
00399 US 131 NORTH  
P.O. BOX 473  
BOYNE FALLS, MI 49713  
Phone: 231-549-3500  
Fax: 231-549-3555

October 23, 2015  
Public Works Director  
City of Manistee

Jeff,

We are happy to inform you that the MIDEAL contract was renewed so the pricing is still good.

Thanks,

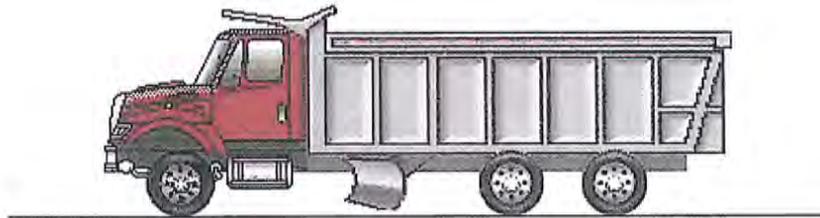
Butch

**Prepared For:**  
 Manistee, City of  
 Jeffrey Mikula  
 280 Washington St.  
 Manistee, MI 49660-1260  
 (231)723 - 7132  
 Reference ID: Wieland MiDEAL

**Presented By:**  
 TRI COUNTY INTL TRUCKS  
 Mark J Caracciolo  
 5701 WYOMING St.  
 DEARBORN MI 48126 -  
 (313)584-7090

State of Michigan MiDEAL Specification #3958-0160D 2017 MY Price Level; includes all Customer Requested Option Content. Afforded Pricing Includes All Current Navistar-Mandated Transportation and Material Surcharges in effect as of the date of this proposal. Additional Future Surcharges as issued by Navistar may be applicable. This quote good for a period of sixty-(60) days.

Payment for the chassis is due upon delivery of the chassis to the end-user or body company; whichever occurs first. If payment is not made in a timely manner additional floorplan (interest) costs may be charged and billed to end-user customer. Please make all purchase orders and checks payable to Tri-County International Trucks, Inc.( address as listed on this proposal).



**Model Profile**  
**2016 7400 SBA 6X4 (SF625)**

<b>APPLICATION:</b>	Under Belly Scraper
<b>MISSION:</b>	Requested GVWR: 58000. Calc. GVWR: 58000 Calc. Start / Grade Ability: 23.91% / 1.42% @ 55 MPH Calc. Geared Speed: 77.9 MPH
<b>DIMENSION:</b>	Wheelbase: 201.00, CA: 133.90, Axle to Frame: 65.00
<b>ENGINE, DIESEL:</b>	{Navistar N9} EPA 2010, SCR, 330 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 330 Peak HP (Max)
<b>TRANSMISSION, AUTOMATIC:</b>	{Allison 3500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.
<b>CLUTCH:</b>	Omit Item (Clutch & Control)
<b>AXLE, FRONT NON-DRIVING:</b>	{Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity
<b>AXLE, REAR, TANDEM:</b>	{Meritor MT-40-14X-4DCR} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends, With Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle Gear Ratio: 5.29
<b>CAB:</b>	Conventional
<b>TIRE, FRONT:</b>	(2) 385/65R22.5 G296 MSA (GOODYEAR) 488 rev/mile, load range J, 18 ply
<b>TIRE, REAR:</b>	(8) 11R22.5 G177 DURASEAL (GOODYEAR) 493 rev/mile, load range H, 16 ply
<b>SUSPENSION, REAR, TANDEM:</b>	{Hendrickson HMX-400-54} Walking Beam Type 54" Axle Spacing; 40,000-lb Capacity, With Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers
<b>PAINT:</b>	Cab schematic 100GN Location 1: 2303, Red (Std)

Chassis schematic N/A

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
SF62500	Base Chassis, Model 7400 SBA 6X4 with 201.00 Wheelbase, 133.90 CA, and 65.00 Axle to Frame.	7675/6511	14186
1570	TOW HOOK, FRONT (2) Frame Mounted	8/0	8
1CAJ	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL	271/323	594
1LLA	BUMPER, FRONT Steel, Swept Back	0/0	0
	<u>Includes</u> : BUMPER, FRONT Powder Coated Gray (Argent) Color		
1WDS	FRAME EXTENSION, FRONT Integral; 20" In Front of Grille	137/-32	105
1WGX	WHEELBASE RANGE 169" (430cm) Through and Including 219" (555cm)	0/0	0
2ARZ	AXLE, FRONT NON-DRIVING {Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity	130/0	130
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
3770	SPRINGS, FRONT AUXILIARY Rubber	10/0	10
3ADG	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 18,000-lb Capacity; With Shock Absorbers	113/0	113
	<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free		
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	0/0	0
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : DUST SHIELDS, FRONT BRAKE : DUST SHIELDS, REAR BRAKE : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE Bendix On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SLACK ADJUSTERS, FRONT Automatic : SLACK ADJUSTERS, REAR Automatic : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4		
	<u>Notes</u> : Rear Axle is Limited to 46,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle /Suspension Ordered.		
4193	BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers	-62/0	-62
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
4732	DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank  <u>Includes</u> : DRAIN VALVE Mounted in Wet Tank	0/0	0
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)	0/0	0
4EBD	AIR DRYER {Meritor Wabco System Saver 1200} with Heater  <u>Includes</u> : AIR DRYER LOCATION Inside Left Rail, Back of Cab	12/6	18
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake	0/0	0
4EXV	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn	0/0	0
4NDH	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 8.625" Includes 30/30 Sq.In. Long Stroke Brake Chambers and Spring Actuated Parking Brake  <u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.	0/20	20
4SBD	AIR COMPRESSOR {Bendix Tu-Flo 750} 16.5 CFM Capacity	0/0	0
4VCL	AIR TANK LOCATION (2) : Two Mounted 25" Back of Cab, Outside Right Rail, with Ground Clearance	0/0	0
5710	STEERING COLUMN Tilting and Telescoping	0/0	0
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black	0/0	0
5PTB	STEERING GEAR (2) {Sheppard M-100/M-80} Dual Power	114/-4	110
7BKE	EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab, for Improved Ground Clearance	165/2	167
7WAZ	TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust	0/0	0
7WZX	SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF	2/0	2
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment  <u>Includes</u> : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : FUSES, ELECTRICAL SAE Blade-Type : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : HEADLIGHTS (2) Sealed Beam, Round, with Chrome Plated Bezels : JUMP START STUD Located on Positive Terminal of Outermost Battery : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : RUNNING LIGHT (2) Daytime, Included With Headlights : STARTER SWITCH Electric, Key Operated : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WIRING, CHASSIS Color Coded and Continuously Numbered		
8695	SNOW SHIELD (2) Chrome; for Dual Air Horns	2/0	2
8GXD	ALTERNATOR {Leece-Neville AV1160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, With Remote Sense	0/0	0
8HAU	BODY BUILDER WIRING INSIDE CAB; Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/Accessory, Power/Ground, and Stop/Turn	0/0	0
8MKL	BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total	43/12	55
8RMD	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	1/0	1
8RMH	BATTERY DISCONNECT SWITCH {Cole-Hersee 75920-06} 300 Amp; Battery Box Mounted, Disconnects Charging Circuits, Locks with Padlock	2/0	2
8TNP	AUXILIARY HARNESS 5.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications	3/0	3
8VAY	HORN, ELECTRIC Disc Style	0/0	0
8VZR	SWITCH, BODY CIRCUITS, MID for Bodybuilder, 6 Momentary Switches in Instrument Panel; One Power Module with 6 Channels, 20 Amp Max. Per Channel, 80 Amp Max Output, Switches Control Power Module Through Multiplex Wiring, Mounted in Cab Behind Driver Seat	1/0	1
8WEJ	BATTERY BOX Steel, With Fiberglass Cover, 35" Back of Cab, Mounted Left Side Perpendicular to Frame Rail	-16/6	-10
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	0/0	0
8WML	HEADLIGHTS Long Life Halogen; for Two Light System	0/0	0
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	0/0	0
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	0/0	0
8WRB	HEADLIGHTS ON WWIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	0/0	0
8WTK	STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection	0/0	0
8WVP	HORN, AIR (2) Single Tone, Rectangular; Chrome. Roof Mounted	0/0	0
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm	0/0	0
8WXD	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	0/0	0
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses	0/0	0
8XGT	TURN SIGNALS, FRONT LED, Includes LED Side Marker Lights, Mounted on Fender	0/0	0
9585	FENDER EXTENSIONS Rubber	6/0	6

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
9HAN	INSULATION, UNDER HOOD for Sound Abatement	10/0	10
9HBM	GRILLE Stationary, Chrome	0/0	0
9HBN	INSULATION, SPLASH PANELS for Sound Abatement	2/0	2
9WBC	FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 & 2010 Emissions	0/0	0
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "GN"		
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
10WJH	PROMOTIONAL PACKAGE Government and Municipal Silver Package; Two Year Limited Subscription of On-Command Service Information (Formerly Fleet ISIS), and On-Command Parts Information (Formerly Fleet Parts Catalog), Requires Specific Feature Combinations	0/0	0
11001	CLUTCH Omit Item (Clutch & Control)	-60/-15	-75
12NWE	ENGINE, DIESEL {Navistar N9} EPA 2010, SCR, 330 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 330 Peak HP (Max)	0/0	0
	<u>Includes</u> : AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated (Air Brake Chassis Only) : ANTI-FREEZE Red Extended Life Coolant; -40 Degrees F/ -40 Degrees C; for MaxxFace and Navistar Engines : COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control : CRUISE CONTROL Electronic; Controls Integral to Steering Wheel : ENGINE OIL DRAIN PLUG Magnetic : ENGINE SHUTDOWN Electric, Key Operated : FUEL FILTER Included with Fuel/Water Separator : FUEL/WATER SEPARATOR Fuel/Water Separator and Fuel Filter in a Single Assembly; With Water-in-Fuel Sensor; Engine Mounted : GOVERNOR Electronic : OIL FILTER, ENGINE Spin-On Type : WET TYPE CYLINDER SLEEVES		
12THZ	FAN DRIVE {Horton Drivemaster Polar Extreme} Direct Drive Type, Two Speed, With Residual Torque Device for Disengaged Fan Speed	0/0	0
	<u>Includes</u> : FAN Nylon		
12UCW	RADIATOR Aluminum, Cross Flow, Series System; 1228 SqIn Core and 648 SqIn Charge Air Cooler and With Transmission Oil Cooler	0/0	0
12UNR	FEDERAL EMISSIONS EPA, OBD and GHG Certified for Calendar Year 2015; N9 & N10 Engines	0/0	0
12VAG	AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control	2/0	2
	<u>Includes</u> : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted		
12VXV	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Mobile, Variable Speed; (Range 2 to 20 MPH) Mounted on Steering Wheel	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
12VYL	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use	0/0	0
12VYP	ENGINE CONTROL, REMOTE MOUNTED - No Provision Furnished for Remote Mounted Engine Control	0/0	0
12WBR	FAN OVERRIDE Manual; With Electric Switch on Instrument Panel, (Fan On With Switch On)	0/0	0
12WTH	BLOCK HEATER, ENGINE {Phillips} 120 Volt/1250 Watt; With "Y" Cord From Socket in Standard Location, For a Dealer Installed Oil Pan Heater, With Extended Life Coated Metal/Plastic/Metal Material Oil Pan	4/0	4
	<u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door		
	<u>Notes</u> : MPM material is single sheet composite with two layers of sheet metal sandwiching plastic material. MPM material has electro-deposition prime coat with powder coating for the final finish coat.		
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations	0/0	0
13AVL	TRANSMISSION, AUTOMATIC {Allison 3500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.	0/0	0
13WBL	TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission	0/0	0
13WDZ	SHIFT CONTROL PARAMETERS Allison S-1 Performance Programming in Primary and Allison Fixed Programming in Secondary	0/0	0
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints	0/0	0
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	0/0	0
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab	0/0	0
13XAA	PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring	3/0	3
14GVN	AXLE, REAR, TANDEM {Meritor MT-40-14X-4DCR} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends, With Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle . Gear Ratio: 5.29	0/124	124
	<u>Includes</u> : POWER DIVIDER LOCK Electric over Air Operated, Cab Control with Indicator Light : REAR AXLE DRAIN PLUG (2) Magnetic, For Tandem Rear Axle		
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
14ULX	SUSPENSION, REAR, TANDEM {Hendrickson HMX-400-54} Walking Beam Type 54" Axle Spacing; 40,000-lb Capacity, With Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers	0/-618	-618

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	<u>Includes</u> : CROSSMEMBER, SUSPENSION Stamped Steel Double Dogbone		
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
14WAL	SUSPENSION/REAR-AXLE IDENTITY for Meritor Tandem Rear Axles With Bar-Pin Beam Attachment Type Suspensions	0/0	0
14WMJ	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints	0/0	0
15LKG	FUEL/WATER SEPARATOR with Thermostatic Fuel Temperature Controlled Electric Heater, and Filter Restriction/Change Indicator, Includes Standard Equipment Water-in-Fuel Sensor	5/0	5
15SSC	FUEL TANK Temporary; Top Draw; D-Style, Non-Polished Aluminum, 16" Tank Depth, 50 U.S. Gal., 189 L Capacity, with Quick Connect Outlet, Mounted Left Side Back of Cab	12/-1	11
15WDG	DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab	0/0	0
16030	CAB Conventional	0/0	0
	<u>Includes</u> : ARM REST (2) Molded Plastic; One Each Door : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel : DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted : GLASS, ALL WINDOWS Tinted : GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color : STEP (4) Two Steps Per Door		
16GHU	GRAB HANDLE, CAB INTERIOR (2) Safety Yellow	0/0	0
16HBA	GAUGE CLUSTER English With English Electronic Speedometer	0/0	0
	<u>Includes</u> : GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level : ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)		
16HGH	GAUGE, OIL TEMP, AUTO TRANS , for Allison Transmission	1/0	1
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
16HLJ	GAUGE, DEF FLUID LEVEL	0/0	0
16JJD	SEAT, DRIVER {National 2000 195} Air Suspension, High Back With Integral Headrest, Cloth, Isolator, 3 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust, Cushion and Back Bolsters	24/11	35

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	<u>Includes</u> : SEAT BELT 3-Point, Lap and Shoulder Belt Type		
16SEE	GRAB HANDLE Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar	3/0	3
16SMR	SEAT, PASSENGER {National} Non Suspension, High Back With Integral Headrest, Cloth, With Fixed Back, With Under Seat Storage	29/12	41
16SNC	MIRRORS (2) {Lang Mekra} Rectangular, Thermostatically Controlled Heated Heads, Bright Finish Heads, with Black Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing,	-3/0	-3
16WBY	ARM REST, RIGHT, DRIVER SEAT	3/0	3
16WCT	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster	43/4	47
	<u>Includes</u> : HEATER HOSES Premium : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps : REFRIGERANT Hydrofluorocarbon HFC-134A		
16WEE	CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator	12/0	12
	<u>Notes</u> : Feature included with CAB INTERIOR TRIM, Premium		
16WJT	INSTRUMENT PANEL Center Section, Ergonomic Panel	0/0	0
16WKY	HVAC FRESH AIR FILTER	0/0	0
16WLE	STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door	0/0	0
16WRX	CAB INTERIOR TRIM Deluxe	0/0	0
	<u>Includes</u> : "A" PILLAR COVER Molded Plastic : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors : FLOOR COVERING Rubber, Black : HEADLINER Soft Padded Cloth : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door : SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console		
16WSK	CAB REAR SUSPENSION Air Bag Type	0/0	0
27DHK	WHEELS, FRONT DISC; 22.5" Non-Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 12.25 DC Rims; With Steel Hubs	-8/0	-8
	<u>Notes</u> : Aluminum Wheels not Painted or Coated : Compatible Tire Sizes: 385/65R22.5, 425/65R22.5 : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
28DMB	WHEELS, REAR DUAL DISC; 22.5" Non-Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs	0/-280	-280
	<u>Notes</u> : Aluminum Wheels not Painted or Coated : Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22.5		
7382138120	(8) TIRE, REAR 11R22.5 G177 DURASEAL (GOODYEAR) 493 rev/mile, load range H, 16 ply	0/200	200
7702658113	(2) TIRE, FRONT 385/65R22.5 G296 MSA (GOODYEAR) 488 rev/mile, load range J, 18 ply	96/0	96
	<b>Services Section:</b>		
40115	WARRANTY Standard for WorkStar 7300/7400 (4x2, 4x4, 6x4, 6x6), Effective with Vehicles Built January 2, 2015 or Later, CTS-2002U	0/0	0
	<b>Total Component Weight:</b>	<b>8795/6281</b>	<b>15076</b>
	1% MiDEAL Fee Paid To State of MI Under MiDEAL Purchasing Program Requirements	0/0	0
	Safety Kit and Fire Extinguisher	0/0	0
	Dealer Sponsored Add'l Prep	0/0	0
	<b>Total Goods Purchased:</b>	<b>0/0</b>	<b>0</b>

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Factory List Prices:		
Product Items	\$134,942.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$134,942.00
Total Goods Purchased:		\$1,048.10
Document Fee	\$190.00	
Total Preparation And Delivery:		\$190.00
Freight	\$2,200.00	
Total Freight:		\$2,200.00
Total Factory List Price Including Freight:		\$138,380.10
Less Customer Allowance:		(\$44,250.10)
Total Vehicle Price:		\$94,130.00
Total Sale Price:		\$94,130.00
Total Per Vehicle Sales Price:		\$94,130.00
Total Net Sales Excluding Taxes:		\$94,130.00
Michigan Title Fee	\$15.00	
Total License, Title:		\$15.00
Net Sales Price:		\$94,145.00

My signature below indicates that I accept the specifications and payment terms (listed on page one) contained herein as written and that I am able approve said specifications for order and payment terms. Please include this proposal number on all correspondence and purchase orders.

PLEASE NOTE: This proposal contains in its entirety our offer to you for this purchase at the given dollar amount. No other offers, spec additions, warranties or other additional items are made or implied. Other additional desired items may be available; contact your local dealer representative for further details.

**Approved by Seller:**

**Accepted by Purchaser:**

\_\_\_\_\_  
Official Title and Date

\_\_\_\_\_  
Firm or Business Name

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Authorized Signature and Date

**This proposal is not binding upon the seller without Seller's Authorized Signature**

\_\_\_\_\_  
Official Title and Date

**The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.**

2015  
CITY OF MANISTEE  
TANDEM AXLE EQUIPMENT

MI-DEAL State Contract # 071B5500010

DUMP BODY

Monroe RD-168-96-56 201 Stainless Steel Body, AR400 Overlay and Hi-lift Gate

- a. 14' in length, 87" inside width, outside width 96", 57" high front to 50" rear sloped sides, tailgate height 50" high, 13.9 cubic yard capacity, 100% continuously welded, sides, front and tailgate manufactured of 3/16" 201 stainless steel. Note: Tapered sides for more capacity.

Yes  No  Deviations \_\_\_\_\_

- b. The body longsills 14" tall shall be manufactured of 1/4" 201 stainless steel,. Body crossmembers manufactured of 3/16, full height of the longsills and conform to the radius of the 1/4" 201 stainless steel floor, with 1/4" AR400 overlay over the stainless steel floor, sides 3/16" 210 stainless steel, radius of 43", dirt shedding boxed top rail 3/16" formed channel, front bulkhead, straight to accommodate a head lift cylinder with 12"x15" doghouse.

Yes  No  Deviations \_\_\_\_\_

- c. Rear corner post 14" x 6" deep, 7 gauge 201 stainless steel, upper post conform to the radius of the body sides, rear body panels 7 gauge 201 stainless steel, rear body panel extends from the longsills to the corner posts, conform to the radius of the body, 4" x 6" x 7 gauge rectangular tube welded between the longsills and the rear corner post for added strength.

Yes  No  Deviations \_\_\_\_\_

- d. 3/16 thick 201 stainless steel fenders.

Yes  No  Deviations \_\_\_\_\_

- e. Tailgate double acting, rectangular six panel design, 7 gauge 201 stainless steel, tailgate boxed perimeter and inner bracing 10 gauge formed channels, 201 stainless steel, upper hinge 1" x 4" bar stock tailgate hardware with 1-1/4" pins, grease zerk, tailgate latches 1" flame cut, adjustable with threaded 3/4" clevis and keeper pins, latch, over center type, latch cross rod shall span the width of the body, 1.25" diameter, 4 grease-able bushings,

air tailgate release/latch cylinder to be installed at the rear of the body, air tailgate and Hi-lift gate operated from inside the cab. **Note: Includes Hi-lift design, hydraulic cylinder mounted inside the corner post lifts gate 90°.**

Yes  No  Deviations \_\_\_\_\_

- f. Mail hot hoist telescopic design trunion mounting, nitrated shaft, osculating design grease-able, operate on 2,500 PSI, self-bleeding, double acting on all stages, 2" stainless steel hinge pins, removable, grease-able composite bushings, grease-able dual body props designed to support the empty weight of the body.

Yes  No  Deviations \_\_\_\_\_

- g. Custom Cab-shield shall be 3/16" thick 201 SS 18" coverage, installed. Welded 100% inside and out.

Yes  No  Deviations \_\_\_\_\_

Dump Box Accessories:

- Electronic back-up alarm
- Heavy Duty 1/2" thick mud flaps (anti-sail type) installed ahead and behind the drive axles, total of 4 flaps
- Ladder style steps installed using 1-1/4" square tube up rights and 2 grip strut steps – complete ladder made of 201 non-rusting stainless steel – exact location to be determined at installation
- One shovel holder installed left front corner of dump body, made of 201 non-rusting stainless steel

Yes  No  Deviations \_\_\_\_\_

UNDERBODY SCRAPER

Monroe model HD 4500

- a. HANGERBOARD: Designed and engineered for optimum strength. 1/2" formed plate reinforced by 1/2" X 7-1/2" flat plate to make full 1" thickness. 3.25"X .344" mechanical tube outer hinge tubes. 3/4" bar reinforced full length of the hinge. 3/4" thick trunion arms. Outer trunion arms shall be bolted to hangerboard. Welded on is unacceptable. Shall include a Manifold bracket for the grease line kit, one installed each side of the hangerboard.

Yes  No  Deviations \_\_\_\_\_

- b. HINGE SHAFT: 2-1/2" OD X 96" long with (4) grease points and (3) hinge points. The two (2) outer hinges are 3-1/4" OD X 6" long with .344 wall thickness. Each outer hinge

has (1) ½” wrap – around gusset, center hinge shall be 3 ¼” OD X 10 ¾” long with .344 wall and have (2) ½” thick wrap – around gussets, including thrust bearing wear plates to prevent side to side shifting of moldboard.

Yes  No  Deviations \_\_\_\_\_

- c. MOLDBOARD: 1” thick X 20” high X 12’ long moldboard. Heat treated 1045 steel, 185 Brinell hardness, 89 ksi tensile. Integral pressed in lower offset. Rolled formed or fabricated moldboards will not be considered where the cutting edge bolts to the moldboard. ½” X 6” double beveled cutting edge with standard highway punched.

Yes  No  Deviations \_\_\_\_\_

- d. SHOCKS & HOUSINGS: Cushioned by two (2) extra heavy duty spring housings, allow 600 PSI down pressure. Two (2) ½” thick flange retaining plates held by (4) 5/8” bolts with prevailing lock nuts. Housings to be slotted to relieve contaminants. Grease-able trunion mount bushings are 2-3/4” OD with a .344” wall mechanical tube trunion mount pins are 2” solid rod, bolt in removable and replaceable design.

Yes  No  Deviations \_\_\_\_\_

- e. ACTUATING CYLINDERS: Shall be 3-1/2” bore X 10” stroke with 2” socatri 1000 piston rods, with poly pac seals and cast steel heads, ½” hoses and piping (supported with poly clamps) to be externally mounted for easy access. Prince in-line relief valve shall be supplied.

Yes  No  Deviations \_\_\_\_\_

- f. CIRCLE: Shall be 1” solid one piece with infinite plowing positions (no notches), minimum cut out for power reverse cylinder travel and full front circle ears as to have clamps in full contact of circle at 45 degree angle for maximum circle bearing surface. 5” ID X 6.5” OD X 1” hardened center pin bushing.

Yes  No  Deviations \_\_\_\_\_

- g. CENTER PIN: Heavy Duty 5” diameter, hardened center pin, zinc coated. Grease-able with 3 port grease journal and 5/16” wide X 3/16” deep grease groove around pin. Center pin is piloted into the hangerboard.

Yes  No  Deviations \_\_\_\_\_

- h. CLAMPS: 20.5 long X 7” deep X 1” thick. Shaped to follow the contour of the circle. 3/8” UHMW wear pads. Entire clamps must remain fully on the circle throughout the entire rotation of the scraper.

Yes  No  Deviations \_\_\_\_\_

- i. REVERSE CYLINDERS AND HARDWARE: (2) 4" double – acting cylinders containing 1/2" #8 SAE ports, 2" socatri 1000 rods, poly pac seals, and cast steel heads. 3" OD – 2" ID anchor pivots, 2" hardened zinc coated with spiraled grease groove removable pivot pins (grease-able at each end). Prince Cross over relief valve set at 2200 PSI to protect reversing cylinders from shock impacts.

Yes  No  Deviations \_\_\_\_\_

- j. MOUNTING PLATES: 3/4" thick 22 x 26 full plate steel construction. With 7" X 7" cut out for ease of cleaning. Attached to the truck using 3/4" grade 8 bolts, SAE washers and prevailing lock nuts that are electronically plated for corrosion resistance.

Yes  No  Deviations \_\_\_\_\_

- k. PAINT: Shot-blasted, washed and powder coat paint TGIC polyester black. All parts are powder coated prior to assembly of scraper. Outer 12" of moldboard ends painted high visibility yellow.

Yes  No  Deviations \_\_\_\_\_

- l. SERRATED GRADE SAFETY STEP: 12" x 12" welded to outer end of the moldboard on drivers side, optional 45 degree angle cut passenger side end of moldboard.

Yes  No  Deviations \_\_\_\_\_

- m. GREASE LINE KIT: Remote grease kit that allows grease to be applied at centralized locations outside of the chassis frame. Grease hoses shall be SAE 107 Hytron hose rated at 3000 psi. Grease line kit will incorporate all 15 grease points on the scraper.

Yes  No  Deviations \_\_\_\_\_

#### HYDRAULIC SYSTEM:

- a. Front mounted piston pump crank shaft driven, load sense hydraulic system to operate plow, plow reverse, scraper up & down, scraper reverse, double acting telescopic dump body hoist and a hi-lift gate.

Yes  No  Deviations \_\_\_\_\_

- b. Plow/plow reverse/scraper/up/down/scraper reverse, dump body, and hi-lift gate shall be Air Proportional Controls, using Pneu-Logic joy stick, controls shall be mounted on a custom built arm rest pedestal, designed to also house tarp switch, air-gate control, low oil light and momentary over ride switch.

Yes  No  Deviations \_\_\_\_\_

Pneu-Logic Control System features:

- Assignable functions.
- Fully proportional operation.
- Safety trigger.
- LED indicated functions.
- Heads-up display.

Yes  No  Deviations \_\_\_\_\_

- c. Solenoid positive pump shut off with relay connected to low oil switch, and in-cab momentary over ride switch.

Yes  No  Deviations \_\_\_\_\_

- d. System shall consist of a 1300 Series Spicer driveshaft including slip yoke and proper angle. Oil gear model PVWH45-LDFY-CFNN-ADJZ-245C, load sense piston pump.

Yes  No  Deviations \_\_\_\_\_

- e. Rexroth, model M4-12 LSA, 6 bank airshift

Yes  No  Deviations \_\_\_\_\_

- f. Supply line from reservoir to pump shall be 2” ID SS hard pipe preferred with short hose assemblies at each end. Note: If not enough room – use 2” hose full length.

Yes  No  Deviations \_\_\_\_\_

- g. Piston pump – main pressure line shall be minimum 1” stainless steel pipe with 3,000 PSI rated jumper hoses with swivels each end.

Yes  No  Deviations \_\_\_\_\_

- h. Hoses, fittings and adaptors: All hose to have crimp type fittings and have abrasive resistant sleeve covering in high wear areas. All clamps to be lined with abrasive resistant sleeve. Routing of pressure hoses shall be on the left side of engine as to stay away from turbo heat, using proper extension hangers and to leave room for service of engine filters.

Yes  No  Deviations \_\_\_\_\_

- i. Hydraulic System shall be filled with AW32 oil, pressures set and system tested.

Yes  No  Deviations \_\_\_\_\_

## FUEL AND HYDRAULIC COMBINATION RESERVOIR AND VALVE ENCLOSURE

- a. Combination fuel / hydraulic oil / valve enclosure, 7 gauge steel construction. Powder coated black.
- 85 gallons of fuel capacity.
  - 38 gallons of oil capacity.
  - Valve enclosure with lockable cover.
  - 5" sight/temp gauge on the hydraulic tank.
  - 3" suction port on hydraulic tank to accept 2' suction screen, Zinga part # 2030-3.
  - Zinga type flange on hydraulic tank for return line oil filter, RF1215-S-1 with RE-409-10 micron element.
  - Ball valve shut offs on suction port and case drain port.
  - Tank full of AW32 hydraulic oil.
  - Gems low oil level sensor #15570.
  - Isspro electronic fuel sender.
- b. Accessories:
- Aluminum serrated grate steps, drivers side end of mounting saddle.
  - Decals as to the contents, "Diesel Fuel" or "Hydraulic Oil".
  - Low oil light and alarm system installed in the cab.
  - Momentary over-ride switch installed in the cab.

Yes  No  Deviations \_\_\_\_\_

## ROLL-RITE TARP SYSTEM

Roll-Rite, model 6416, aluminum system:

- a. Fully automatic, 4 spring system, wind deflector, tarp spool, aluminum tension and tarp bows with 30 degree elbows, in-cab switch, indicator light and circuit breaker, 20 ft. heavy duty mesh tarp, complete and installed.

Yes  No  Deviations \_\_\_\_\_

## LIGHTING

- (2) Star Strobe model 255HTC LED strobe lights with one mounted each side of cab shield.
- Federal 108 LED rubber shock resistant clearance lights and reflectors.
- Oval 60 series lights, configuration - top to bottom installed.

- LED Strobe #EOVREBZA.
- LED stop/tail/turn, Sound off #ECV062STTLD.
- LED Back-up lights, Sound off #ECV062B2W.
- All wiring have heat shrink connectors and are terminated in a Betts Dri-Seal #35104 junction box with waterproof choke seals, installed on left rear corner post of the dump body.
- (2) Work lights – Nordic model N25 (1) mounted each side to shine on scraper discharge.
- In cab independent switches.
- In-power switch system.

Yes  No  Deviations \_\_\_\_\_

#### PLOW LIGHTS

- a. Auxiliary plow lights and turn signals. Nordic model N520 hood mounted, custom built ¼” thick X 4” wide aluminum brackets with fiberglass in hood support plates, height to be determined at time of installation. Chassis manufacture to supply in-cab switch and harness.

Yes  No  Deviations \_\_\_\_\_

#### FRONT PLOW HITCH

- a. Hustings style heavy duty 34” wide Quick Hitch, top of hitch shall be gusseted with 3/8” plate. Plunger pins shall have grease zerks and secondary locking tabs. Plow cylinder shall be hydraulic double acting cylinder with the following specifications: 3” diameter bore, 10” stroke 2” socatri 1000 shaft – Boss O-ring ports. Hitch shall be bolted to a heavy duty structural channel. 12” minimum 20.7 lb., front bumper with flare back and boxed ends. Hitch shall include upper and lower bracing. Hitch, bumper and bracing shall be installed with grade 8 nuts and bolts; to include extended brackets for hood cables & pull back support cable. Supply chain box approximately 8” tall X 8” wide X 12” long, solid sides ¾” #9 expanded metal bottom. All to be epoxy. Primed and painted urethane black.

Yes  No  Deviations \_\_\_\_\_

All equipment, components and lighting have standard 1 year warranty.

Will furnish one set of manufacturer’s manuals for operation, maintenance, and parts for all auxiliary equipment installed.

**NOTES;**

1. City of Manistee would be invited to the installation shop to go over all phases of placement and installation of equipment and hydraulics.
2. Truck & Trailer will provide hands-on training for the service personnel and operators of the City of Manistee.

**EQUIPMENT PER SPECIFICATION:** \$73,461.42

**COMPANY:** Truck & Trailer Specialties of Boyne Falls, Inc.

**ADDRESS:** P.O. Box 473, 00399 US 131, Boyne Falls, MI 49713

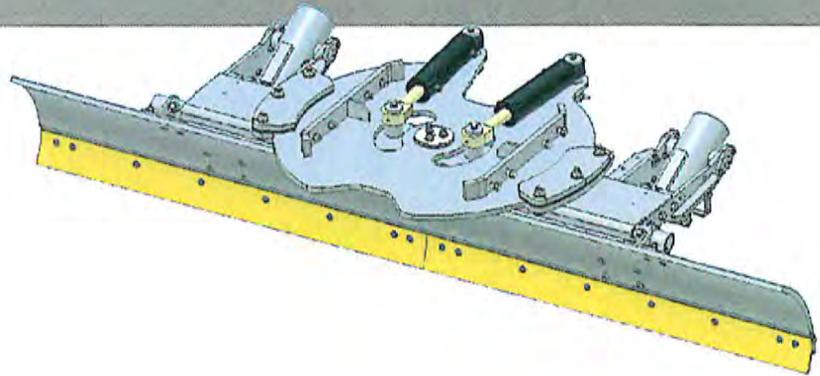
**PHONE:** (888) 603-5506

**SIGNATURE & TITLE:** President

**DATE OF BID:** July 31, 2015

## MS4500 Scraper

- Maximize Vehicle Efficiency with Year Round Maintenance Equipment
- Capable of Plowing Snow at Various Speeds and Withstand Snow Pack and Ice
- Spring/Summer/Fall Gravel Shoulder and Road Maintenance



### Standard Features:

- 1" Thick Moldboard with Formed Offset for Cutting Edge
- Moldboard - Length: 10', 11' & 12'; Height: 20" or 15"
- 1/2" x 6", AASHO Punch, Double Beveled Cutting Edge
- Reversible 45° Left and Right with Infinite Plow Positions
- (2) 4" x 12" Double Acting Reversing Cylinders with 2" Rods
- Socatri 1000 Cylinder Rods are Extremely Corrosion Resistant
- 5" Center Pin Is Piloted into Hangerboard to Increase Effective Surface Area to Relieve Side Shear on the Pivot Bushing
- Contour Shaped Hold Down Blocks Match the Radius of the Circle for Increased Strength
- Bolt On Trunion Pins at Canister Pivot Points for Ease of Maintenance and Simpler Replacement

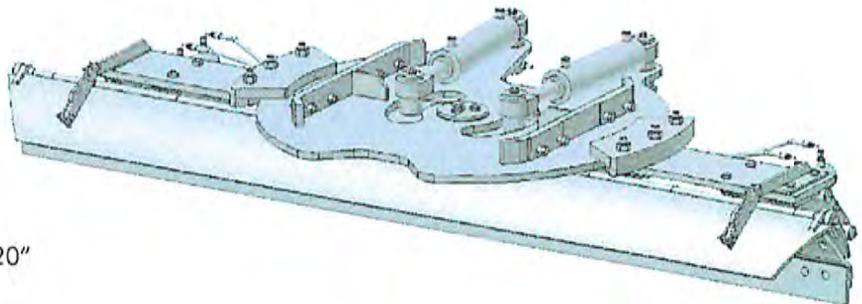
### Options:

- Cutting Edges
- Curb Guards
- Side Mounting Plates
- Grease Line Kits
- Oscillating Side Plates
- Heavy Duty Springs
- Rolled Moldboard
- Special Paint

## FMB 3500 Scraper

### Standard Features:

- Moldboard - Length: 10', 11' & 12'; Height: 20"
- Two Piece Moldboard
  - Upper Deflector is 1/2" x 10"
  - Lower Deflector is 3/4" x 9"
- 1" x 10" Hangerboard
- 1/2" x 6", AASHO Punch, Double Beveled Cutting Edge
- (2) 3" Actuating Cylinders
- 1" Solid Circle
- 5" Center Pin
- Two 4" Power Reverse Cylinder
- (4) Heavy Duty Long Travel Spring Assemblies for Absorbing Road Shock
- Moldboard Angles up to 45°



### Options:

- 1" x 8" Heavy Duty Hanger Bracket
- Carbide Cutting Edge
- Special Paint
- Wrap Around Curb Guards

**TRUCK & TRAILER SPECIALTIES  
OF BOYNE FALLS, INC.**  
00399 U.S. 131, P.O. BOX 473  
BOYNE FALLS, MI 49713  
(231) 549-3500

**Prepared For:**  
 Manistee, City of  
 Jeffrey Mikula  
 280 Washington St.  
 Manistee, MI 49660-1260  
 (231)723 - 7132  
 Reference ID: Wieland MiDEAL

**Presented By:**  
 TRI COUNTY INTL TRUCKS  
 Mark J Caracciolo  
 5701 WYOMING St.  
 DEARBORN MI 48126 -  
 (313)584-7090

State of Michigan MiDEAL Specification #3958-0160D 2017 MY Price Level; includes all Customer Requested Option Content. Afforded Pricing Includes All Current Navistar-Mandated Transportation and Material Surcharges in effect as of the date of this proposal. Additional Future Surcharges as issued by Navistar may be applicable. This quote good for a period of sixty-(60) days.

Payment for the chassis is due upon delivery of the chassis to the end-user or body company; whichever occurs first. If payment is not made in a timely manner additional floorplan (interest) costs may be charged and billed to end-user customer. Please make all purchase orders and checks payable to Tri-County International Trucks, Inc.( address as listed on this proposal).



**Model Profile**  
**2016 7400 SBA 6X4 (SF625)**

<b>APPLICATION:</b>	Under Belly Scraper
<b>MISSION:</b>	Requested GVWR: 58000. Calc. GVWR: 58000 Calc. Start / Grade Ability: 23.91% / 1.42% @ 55 MPH Calc. Geared Speed: 77.9 MPH
<b>DIMENSION:</b>	Wheelbase: 201.00, CA: 133.90, Axle to Frame: 65.00
<b>ENGINE, DIESEL:</b>	{Navistar N9} EPA 2010, SCR, 330 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 330 Peak HP (Max)
<b>TRANSMISSION, AUTOMATIC:</b>	{Allison 3500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.
<b>CLUTCH:</b>	Omit Item (Clutch & Control)
<b>AXLE, FRONT NON-DRIVING:</b>	{Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity
<b>AXLE, REAR, TANDEM:</b>	{Meritor MT-40-14X-4DCR} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends, With Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle Gear Ratio: 5.29
<b>CAB:</b>	Conventional
<b>TIRE, FRONT:</b>	(2) 385/65R22.5 G296 MSA (GOODYEAR) 488 rev/mile, load range J, 18 ply
<b>TIRE, REAR:</b>	(8) 11R22.5 G177 DURASEAL (GOODYEAR) 493 rev/mile, load range H, 16 ply
<b>SUSPENSION, REAR, TANDEM:</b>	{Hendrickson HMX-400-54} Walking Beam Type 54" Axle Spacing; 40,000-lb Capacity, With Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers
<b>PAINT:</b>	Cab schematic 100GN Location 1: 2303, Red (Std)

Chassis schematic N/A

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
SF62500	Base Chassis, Model 7400 SBA 6X4 with 201.00 Wheelbase, 133.90 CA, and 65.00 Axle to Frame.	7675/6511	14186
1570	TOW HOOK, FRONT (2) Frame Mounted	8/0	8
1CAJ	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL	271/323	594
1LLA	BUMPER, FRONT Steel, Swept Back	0/0	0
	<u>Includes</u> : BUMPER, FRONT Powder Coated Gray (Argent) Color		
1WDS	FRAME EXTENSION, FRONT Integral; 20" In Front of Grille	137/-32	105
1WGX	WHEELBASE RANGE 169" (430cm) Through and Including 219" (555cm)	0/0	0
2ARZ	AXLE, FRONT NON-DRIVING {Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity	130/0	130
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
3770	SPRINGS, FRONT AUXILIARY Rubber	10/0	10
3ADG	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 18,000-lb Capacity; With Shock Absorbers	113/0	113
	<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free		
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	0/0	0
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : DUST SHIELDS, FRONT BRAKE : DUST SHIELDS, REAR BRAKE : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE Bendix On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SLACK ADJUSTERS, FRONT Automatic : SLACK ADJUSTERS, REAR Automatic : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4		
	<u>Notes</u> : Rear Axle is Limited to 46,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle /Suspension Ordered.		
4193	BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers	-62/0	-62
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
4732	DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank  <u>Includes</u> : DRAIN VALVE Mounted in Wet Tank	0/0	0
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)	0/0	0
4EBD	AIR DRYER {Meritor Wabco System Saver 1200} with Heater  <u>Includes</u> : AIR DRYER LOCATION Inside Left Rail, Back of Cab	12/6	18
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake	0/0	0
4EXV	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 Sqn	0/0	0
4NDH	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 8.625" Includes 30/30 Sq.In. Long Stroke Brake Chambers and Spring Actuated Parking Brake  <u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.	0/20	20
4SBD	AIR COMPRESSOR {Bendix Tu-Flo 750} 16.5 CFM Capacity	0/0	0
4VCL	AIR TANK LOCATION (2): Two Mounted 25" Back of Cab, Outside Right Rail, with Ground Clearance	0/0	0
5710	STEERING COLUMN Tilting and Telescoping	0/0	0
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black	0/0	0
5PTB	STEERING GEAR (2) {Sheppard M-100/M-80} Dual Power	114/-4	110
7BKE	EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab, for Improved Ground Clearance	165/2	167
7WAZ	TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust	0/0	0
7WZX	SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF	2/0	2
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment  <u>Includes</u> : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : FUSES, ELECTRICAL SAE Blade-Type : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : HEADLIGHTS (2) Sealed Beam, Round, with Chrome Plated Bezels : JUMP START STUD Located on Positive Terminal of Outermost Battery : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : RUNNING LIGHT (2) Daytime, Included With Headlights : STARTER SWITCH Electric, Key Operated : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WIRING, CHASSIS Color Coded and Continuously Numbered		
8695	SNOW SHIELD (2) Chrome; for Dual Air Horns	2/0	2
8GXD	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, With Remote Sense	0/0	0
8HAU	BODY BUILDER WIRING INSIDE CAB; Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/Accessory, Power/Ground, and Stop/Turn	0/0	0
8MKL	BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total	43/12	55
8RMD	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	1/0	1
8RMH	BATTERY DISCONNECT SWITCH {Cole-Hersee 75920-06} 300 Amp; Battery Box Mounted, Disconnects Charging Circuits, Locks with Padlock	2/0	2
8TNP	AUXILIARY HARNESS 5.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications	3/0	3
8VAY	HORN, ELECTRIC Disc Style	0/0	0
8VZR	SWITCH, BODY CIRCUITS, MID for Bodybuilder, 6 Momentary Switches in Instrument Panel; One Power Module with 6 Channels, 20 Amp Max. Per Channel, 80 Amp Max Output, Switches Control Power Module Through Multiplex Wiring, Mounted in Cab Behind Driver Seat	1/0	1
8WEJ	BATTERY BOX Steel, With Fiberglass Cover, 35" Back of Cab, Mounted Left Side Perpendicular to Frame Rail	-16/6	-10
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	0/0	0
8WML	HEADLIGHTS Long Life Halogen; for Two Light System	0/0	0
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Fiush Mounted on Cab or Sunshade	0/0	0
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	0/0	0
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	0/0	0
8WTK	STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection	0/0	0
8WVP	HORN, AIR (2) Single Tone, Rectangular; Chrome. Roof Mounted	0/0	0
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm	0/0	0
8WXD	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	0/0	0
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses	0/0	0
8XGT	TURN SIGNALS, FRONT LED, Includes LED Side Marker Lights, Mounted on Fender	0/0	0
9585	FENDER EXTENSIONS Rubber	6/0	6

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
9HAN	INSULATION, UNDER HOOD for Sound Abatement	10/0	10
9HBM	GRILLE Stationary, Chrome	0/0	0
9HBN	INSULATION, SPLASH PANELS for Sound Abatement	2/0	2
9WBC	FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 & 2010 Emissions	0/0	0
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100  <u>Includes</u> : PAINT SCHEMATIC ID LETTERS "GN"	0/0	0
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
10WJH	PROMOTIONAL PACKAGE Government and Municipal Silver Package; Two Year Limited Subscription of On-Command Service Information (Formerly Fleet ISIS), and On-Command Parts Information (Formerly Fleet Parts Catalog), Requires Specific Feature Combinations	0/0	0
11001	CLUTCH Omit Item (Clutch & Control)	-60/-15	-75
12NWE	ENGINE, DIESEL {Navistar N9} EPA 2010, SCR, 330 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 330 Peak HP (Max)  <u>Includes</u> : AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated (Air Brake Chassis Only) : ANTI-FREEZE Red Extended Life Coolant; -40 Degrees F/ -40 Degrees C; for MaxxForce and Navistar Engines : COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control : CRUISE CONTROL Electronic; Controls Integral to Steering Wheel : ENGINE OIL DRAIN PLUG Magnetic : ENGINE SHUTDOWN Electric, Key Operated : FUEL FILTER Included with Fuel/Water Separator : FUEL/WATER SEPARATOR Fuel/Water Separator and Fuel Filter in a Single Assembly; With Water-in-Fuel Sensor; Engine Mounted : GOVERNOR Electronic : OIL FILTER, ENGINE Spin-On Type : WET TYPE CYLINDER SLEEVES	0/0	0
12THZ	FAN DRIVE {Horton Drivemaster Polar Extreme} Direct Drive Type, Two Speed, With Residual Torque Device for Disengaged Fan Speed  <u>Includes</u> : FAN Nylon	0/0	0
12UCW	RADIATOR Aluminum, Cross Flow, Series System; 1228 SqIn Core and 648 SqIn Charge Air Cooler and With Transmission Oil Cooler	0/0	0
12UNR	FEDERAL EMISSIONS EPA, OBD and GHG Certified for Calendar Year 2015; N9 & N10 Engines	0/0	0
12VAG	AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control  <u>Includes</u> : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted	2/0	2
12VXV	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Mobile, Variable Speed; (Range 2 to 20 MPH) Mounted on Steering Wheel	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
12VYL	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use	0/0	0
12VYP	ENGINE CONTROL, REMOTE MOUNTED - No Provision Furnished for Remote Mounted Engine Control	0/0	0
12WBR	FAN OVERRIDE Manual; With Electric Switch on Instrument Panel, (Fan On With Switch On)	0/0	0
12WTH	BLOCK HEATER, ENGINE {Phillips} 120 Volt/1250 Watt; With "Y" Cord From Socket in Standard Location, For a Dealer Installed Oil Pan Heater, With Extended Life Coated Metal/Plastic/Metal Material Oil Pan	4/0	4
	<u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door		
	<u>Notes</u> : MPM material is single sheet composite with two layers of sheet metal sandwiching plastic material. MPM material has electro-deposition prime coat with powder coating for the final finish coat.		
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations	0/0	0
13AVL	TRANSMISSION, AUTOMATIC {Allison 3500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.	0/0	0
13WBL	TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission	0/0	0
13WDZ	SHIFT CONTROL PARAMETERS Allison S-1 Performance Programming in Primary and Allison Fixed Programming in Secondary	0/0	0
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints	0/0	0
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	0/0	0
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab	0/0	0
13XAA	PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring	3/0	3
14GVN	AXLE, REAR, TANDEM {Meritor MT-40-14X-4DCR} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends, With Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle . Gear Ratio: 5.29	0/124	124
	<u>Includes</u> : POWER DIVIDER LOCK Electric over Air Operated, Cab Control with Indicator Light : REAR AXLE DRAIN PLUG (2) Magnetic, For Tandem Rear Axle		
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
14ULX	SUSPENSION, REAR, TANDEM {Hendrickson HMX-400-54} Walking Beam Type 54" Axle Spacing; 40,000-lb Capacity, With Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers	0/-618	-618

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	<u>Includes</u> : CROSSMEMBER, SUSPENSION Stamped Steel Double Dogbone		
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
14WAL	SUSPENSION/REAR-AXLE IDENTITY for Meritor Tandem Rear Axles With Bar-Pin Beam Attachment Type Suspensions	0/0	0
14WMJ	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints	0/0	0
15LKG	FUEL/WATER SEPARATOR with Thermostatic Fuel Temperature Controlled Electric Heater, and Filter Restriction/Change Indicator, Includes Standard Equipment Water-in-Fuel Sensor	5/0	5
15SSC	FUEL TANK Temporary; Top Draw; D-Style, Non-Polished Aluminum, 16" Tank Depth, 50 U.S. Gal., 189 L Capacity, with Quick Connect Outlet, Mounted Left Side Back of Cab	12/-1	11
15WDG	DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab	0/0	0
16030	CAB Conventional	0/0	0
	<u>Includes</u> : ARM REST (2) Molded Plastic; One Each Door : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel : DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted : GLASS, ALL WINDOWS Tinted : GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color : STEP (4) Two Steps Per Door		
16GHU	GRAB HANDLE, CAB INTERIOR (2) Safety Yellow	0/0	0
16HBA	GAUGE CLUSTER English With English Electronic Speedometer	0/0	0
	<u>Includes</u> : GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level : ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)		
16HGH	GAUGE, OIL TEMP, AUTO TRANS , for.Allison Transmission	1/0	1
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
16HLJ	GAUGE, DEF FLUID LEVEL	0/0	0
16JJD	SEAT, DRIVER {National 2000 195} Air Suspension, High Back With Integral Headrest, Cloth, Isolator, 3 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust, Cushion and Back Bolsters	24/11	35

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	<u>Includes</u> : SEAT BELT 3-Point, Lap and Shoulder Belt Type		
16SEE	GRAB HANDLE Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar	3/0	3
16SMR	SEAT, PASSENGER {National} Non Suspension, High Back With Integral Headrest, Cloth, With Fixed Back, With Under Seat Storage	29/12	41
16SNC	MIRRORS (2) {Lang Mekra} Rectangular, Thermostatically Controlled Heated Heads, Bright Finish Heads, with Black Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing,	-3/0	-3
16WBY	ARM REST, RIGHT, DRIVER SEAT	3/0	3
16WCT	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster	43/4	47
	<u>Includes</u> : HEATER HOSES Premium : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps : REFRIGERANT Hydrofluorocarbon HFC-134A		
16WEE	CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator	12/0	12
	<u>Notes</u> : Feature included with CAB INTERIOR TRIM, Premium		
16WJT	INSTRUMENT PANEL Center Section, Ergonomic Panel	0/0	0
16WKY	HVAC FRESH AIR FILTER	0/0	0
16WLE	STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door	0/0	0
16WRX	CAB INTERIOR TRIM Deluxe	0/0	0
	<u>Includes</u> : "A" PILLAR COVER Molded Plastic : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors : FLOOR COVERING Rubber, Black : HEADLINER Soft Padded Cloth : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door : SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console		
16WSK	CAB REAR SUSPENSION Air Bag Type	0/0	0
27DHK	WHEELS, FRONT DISC; 22.5" Non-Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 12.25 DC Rims; With Steel Hubs	-8/0	-8
	<u>Notes</u> : Aluminum Wheels not Painted or Coated : Compatible Tire Sizes: 385/65R22.5, 425/65R22.5 : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
28DMB	WHEELS, REAR DUAL DISC; 22.5" Non-Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs	0/-280	-280
	<u>Notes</u> : Aluminum Wheels not Painted or Coated : Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22.5		
7382138120	(8) TIRE, REAR 11R22.5 G177 DURASEAL (GOODYEAR) 493 rev/mile, load range H, 16 ply	0/200	200
7702658113	(2) TIRE, FRONT 385/65R22.5 G296 MSA (GOODYEAR) 488 rev/mile, load range J, 18 ply	96/0	96
	<b>Services Section:</b>		
40115	WARRANTY Standard for WorkStar 7300/7400 (4x2, 4x4, 6x4, 6x6), Effective with Vehicles Built January 2, 2015 or Later, CTS-2002U	0/0	0
	<b>Total Component Weight:</b>	<b>8795/6281</b>	<b>15076</b>
	1% MiDEAL Fee Paid To State of MI Under MiDEAL Purchasing Program Requirements	0/0	0
	Safety Kit and Fire Extinguisher	0/0	0
	Dealer Sponsored Add'l Prep	0/0	0
	<b>Total Goods Purchased:</b>	<b>0/0</b>	<b>0</b>

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Factory List Prices:		
Product Items	\$134,942.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$134,942.00
Total Goods Purchased:		\$1,048.10
Document Fee	\$190.00	
Total Preparation And Delivery:		\$190.00
Freight	\$2,200.00	
Total Freight:		\$2,200.00
Total Factory List Price Including Freight:		\$138,380.10
Less Customer Allowance:		(\$44,250.10)
Total Vehicle Price:		\$94,130.00
Total Sale Price:		\$94,130.00
Total Per Vehicle Sales Price:		\$94,130.00
Total Net Sales Excluding Taxes:		\$94,130.00
Michigan Title Fee	\$15.00	
Total License, Title:		\$15.00
Net Sales Price:		\$94,145.00

My signature below indicates that I accept the specifications and payment terms (listed on page one) contained herein as written and that I am able approve said specifications for order and payment terms. Please include this proposal number on all correspondence and purchase orders.

PLEASE NOTE: This proposal contains in its entirety our offer to you for this purchase at the given dollar amount. No other offers, spec additions, warranties or other additional items are made or implied. Other additional desired items may be available; contact your local dealer representative for further details.

**Approved by Seller:**

**Accepted by Purchaser:**

\_\_\_\_\_  
Official Title and Date

\_\_\_\_\_  
Firm or Business Name

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Authorized Signature and Date

**This proposal is not binding upon the seller without Seller's Authorized Signature**

\_\_\_\_\_  
Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

2015  
CITY OF MANISTEE  
TANDEM AXLE EQUIPMENT

MI-DEAL State Contract # 071B5500010

ONE MONROE 201 STAINLESS STEEL RADIUS DUMP SPREADER

Monroe RDS 168-96-56.RR-201SS

- a. Body is 168" long X 89" wide, 44" sides, 50" front and 50" gate, all are inside dimensions, with the total outside width being 96" overall, side height 56", approximately 10.34 cubic yards, and 12.34 cubic yard ends. Front is sloped to accommodate ahead lift cylinder with partial doghouse and conform with the radius of the body, is constructed of 3/16" 201 stainless steel, 100% welded inside and out.

Yes  No  Deviations \_\_\_\_\_

- b. Sides are constructed of 3/16" 201 stainless steel, brake formed to a radius of 43", 3/16" 201 stainless steel boxed top rail, includes 201SS sideboard pockets. 100% welded.

Yes  No  Deviations \_\_\_\_\_

- c. Tailgate is 3/16" 201SS with 3" boxed perimeter and two 201SS horizontal braces full width 100% welded. Tailgate has double acting design, 3/8" spreader chains, including double banjo eyes. Chain has sufficient length to allow tailgate to lay flat. Tailgate is operated by a 3-1/2" air cylinder; cylinder shaft is retracted in closed position with in-cab control. The top hinge is 1" thick X 4" wide and has 1-1/4" grease-able hinge pins, trip rod and latch fingers are built of carbon steel.

Yes  No  Deviations \_\_\_\_\_

- d. Rear of Body is flush with rear corner pillars.

Yes  No  Deviations \_\_\_\_\_

- e. Rear material door is extended 16" into the interior of the body to prevent material from escaping through the partially opened door over the conveyor. The door is 1/4" thick 201SS approximately 21" wide X 8-1/2" high and includes non-rusting, poly universal joint, 201SS crank handle – jack and ruler.

Yes  No  Deviations \_\_\_\_\_

- f. Replaceable material door and floor cover is manufactured of 3/16" 201SS, to be used when using as dump body.

Yes  No  Deviations \_\_\_\_\_

- g. Rear of body is supported by combination of 3/16" 201SS plate contoured to the radius of the body, both sides, 3/16" 201SS formed box sections, tied to the rear 3/16" 201SS corner posts. All 100% welded.

Yes  No  Deviations \_\_\_\_\_

- h. Understructure; longsills are fabricated from 1/4" 201SS and joined together with: Sections of 4" formed 201SS channel are welded every two feet the length of the spreader at the base of the longsills, where the longsills are then boxed in with 1/4" 201SS, then there is 3/16" X 3" X 3" formed 201SS angle welded every 12" the full length of the conveyor at the top of the longsills.

Yes  No  Deviations \_\_\_\_\_

- i. Chain Shields are 3/16" 201SS and floor is 1/4" thick 201SS, both are bolt in replaceable design.

Yes  No  Deviations \_\_\_\_\_

- j. Body conveyor assembly is 34" in width and has a 28,000 pound tensile strength per strand pintle chain, with 1-1/2" X 1/2" bar flights on 2-1/4" centers (bar every link).

Yes  No  Deviations \_\_\_\_\_

- k. Conveyor is driven by two 6:1 spur gear boxes and (2) high torque low speed White hydraulic motors. One to include speed sensor. There is 8 tooth hardened sprockets keyed to 2" drive and idler shafts, both have heavy duty dust sealed self-aligning four bolt flange bearing, idler is adjustable with heavy duty slide rail type adjustment, using 1-1/4" rod adjusters.

Yes  No  Deviations \_\_\_\_\_

- l. Fenders are designed to fit a tandem axle, manufactured of 3/16" 201SS, installed to the body, accommodate tarp system, and are reinforced to hold additional weight of pre-wet tanks – approximately 1500 lbs per side.

Yes  No  Deviations \_\_\_\_\_

- m. Custom Cab-shield is 3/16" thick 201SS 18" coverage. Cab shield welded 100% inside and out.

Yes  No  Deviations \_\_\_\_\_

- n. Dump body hoist is manufactured by Mailhot, telescopic design with trunnion mounting, trunnion collar is oscillating, all pivots, cylinder pin, hinges are grease-able, cylinder has a nitride surface for wear and corrosion resistance, cylinder is rated 2,500 PSI – double acting, all stages self-bleeding and operates off the crank shaft driven hydraulic system.

Yes  No  Deviations \_\_\_\_\_

- o. Remote Lube System; remote grease fittings and line system is installed to consolidate fittings in three (3) locations for ease of maintenance. This system connects to all grease points except tailgate, rear hinge and body props.

Yes  No  Deviations \_\_\_\_\_

#### DUMP BODY ACCESSORIES

- Electronic back-up alarm.
- (2) grease-able body safety props.
- (4) HD ½" thick anti-sail mud flaps installed ahead and behind drive axles with stainless steel hardware.
- 304SS shovel holder left front of body..
- 304SS hinge down ladder – 6 step design- left rear side of body
- ½" Poly – installed under the chain to protect brake valve, drive line, electrical and truck components.

Yes  No  Deviations \_\_\_\_\_

#### PRE-WET SYSTEM

- a. Supply and install hydraulic truck mounted liquid dispensing system. Shall be operated by a Rexroth 550.

Yes  No  Deviations \_\_\_\_\_

- b. 7 GPM bronze pump with SS shaft driven by hydraulic motor, Dickey-John flow Meter, Stainless steel suction strainer, Brass spray nozzles - .129 orifice, 5 PSI check valve & Poly disconnect coupler for ease of seasonal removing; all installed in a Nema enclosure using 201SS mounting brackets and hardware.

Yes  No  Deviations \_\_\_\_\_

c. 3/4" ID EPDM suction hose & 1/2" ID EPDM pressure hose.

Yes  No  Deviations \_\_\_\_\_

d. Dual 75 gallon 3/8" thick molded UV stabilized propylene material, 5" fill caps, 1-1/4" ports, molded in gallons markings for easy reading.

Yes  No  Deviations \_\_\_\_\_

e. Bulk-fill and Flusher kit with 3-way valve.

Yes  No  Deviations \_\_\_\_\_

f. Cross-over hose kit – connects both tanks together to equalize.

Yes  No  Deviations \_\_\_\_\_

g. 201SS mounting brackets, straps for fender mounting.

Yes  No  Deviations \_\_\_\_\_

h. Shall be complete, installed, tested.

Yes  No  Deviations \_\_\_\_\_

HD REAR CROSS AUGER SYSTEM

Monroe model MS969-DD-DD-SL

a. 201SS 96" full width, unobstructed top and bottom clean out, single pin SS quick detachable hardware, chain hoist lifting slots placed at the balance points to provide easy level mounting and dismounting of the spreader hopper.

Yes  No  Deviations \_\_\_\_\_

b. 3/16" 201SS auger trough, all interior seams shall be continuously welded, 1/4" extended 201SS one piece end plates continuously welded to auger trough, 3/16 201SS combination cover and rear panel shall be removable and hinged to raise for spreading and lay flat for dumping over, bottom hinged with 3 solid 1/2" SS hinges allowing clogged material to drop out when it is opened using the new "Z" latch lever handles.

Yes  No  Deviations \_\_\_\_\_

- c. Auger shall be 9" diameter, 4" pitch, 3/8" flighting dual discharge style, welded to a 2-7/8 OD tube. The shafts shall be 1-1/2" supported by heavy duty 1-1/2" sealed self-aligning, grease-able, 4 bolt flange bearings.

Yes  No  Deviations \_\_\_\_\_

- d. Auger shall be driven by a Roller Stator direct drive motor, 28 cubic inch, 1-1/4" – 14 spline shaft coupled to the auger with stainless steel coupler.

Yes  No  Deviations \_\_\_\_\_

- e. The motor shall include 7/8" O-ring ports.

Yes  No  Deviations \_\_\_\_\_

- f. The spinner assembly shall be 201SS and mounted independent of the bottom clean out door (driver's side). Self leveling feature, 18" poly disc, direct mount Roller Stator 3 cubic inch motor to include new seal saver design, cast iron hub, adjustable spread pattern – 4 ft to 40 ft.

Yes  No  Deviations \_\_\_\_\_

- g. The chute assembly shall be 201SS, designed for center line or berming.

Yes  No  Deviations \_\_\_\_\_

- h. Spinner assembly and chute assembly shall be designed to be inter-changeable, to use either left or right discharge.

Yes  No  Deviations \_\_\_\_\_

- i. Cross auger shall be Bi-Directional.

Yes  No  Deviations \_\_\_\_\_

- j. Complete unit installed, including (2) 3/4" & (2) 1/2"SS quick disconnects with caps and plugs.

Yes  No  Deviations \_\_\_\_\_

## UNDERBODY SCRAPER

Monroe model HD 4500

- a. **HANGERBOARD:** Designed and engineered for optimum strength. 1/2" formed plate reinforced by 1/2" X 7-1/2" flat plate to make full 1" thickness. 3.25" X .344" mechanical tube outer hinge tubes. 3/4" bar reinforced full length of the hinge. 3/4" thick trunion arms. Outer trunion arms shall be bolted to hangerboard. Welded on is unacceptable. Shall include a Manifold bracket for the grease line kit, one installed each side of the hangerboard.

Yes  No  Deviations \_\_\_\_\_

- b. **HINGE SHAFT:** 2-1/2" OD X 96" long with (4) grease points and (3) hinge points. The two (2) outer hinges are 3-1/4" OD X 6" long with .344 wall thickness. Each outer hinge has (1) 1/2" wrap – around gusset, center hinge shall be 3 1/4" OD X 10 3/4" long with .344 wall and have (2) 1/2" thick wrap – around gussets, including thrust bearing wear plates to prevent side to side shifting of moldboard.

Yes  No  Deviations \_\_\_\_\_

- c. **MOLDBOARD:** 1" thick X 20" high X 12' long moldboard. Heat treated 1045 steel, 185 Brinell hardness, 89 ksi tensile. Integral pressed in lower offset. Rolled formed or fabricated moldboards will not be considered where the cutting edge bolts to the moldboard. 1/2" X 6" double beveled cutting edge with standard highway punched.

Yes  No  Deviations \_\_\_\_\_

- d. **SHOCKS & HOUSINGS:** Cushioned by two (2) extra heavy duty spring housings, allow 600 PSI down pressure. Two (2) 1/2" thick flange retaining plates held by (4) 5/8" bolts with prevailing lock nuts. Housings to be slotted to relieve contaminates. Grease-able trunion mount bushings are 2-3/4" OD with a .344" wall mechanical tube trunion mount pins are 2" solid rod, bolt in removable and replaceable design.

Yes  No  Deviations \_\_\_\_\_

- e. **ACTUATING CYLINDERS:** Shall be 3-1/2" bore X 10" stroke with 2" socatri 1000 piston rods, with poly pac seals and cast steel heads, 1/2" hoses and piping (supported with poly clamps) to be externally mounted for easy access. Prince in-line relief valve shall be supplied.

Yes  No  Deviations \_\_\_\_\_

- f. **CIRCLE:** Shall be 1" solid one piece with infinite plowing positions (no notches), minimum cut out for power reverse cylinder travel and full front circle ears as to have

clamps in full contact of circle at 45 degree angle for maximum circle bearing surface.  
5" ID X 6.5" OD X 1" hardened center pin bushing.

Yes  No  Deviations \_\_\_\_\_

- g.** CENTER PIN: Heavy Duty 5" diameter, hardened center pin, zinc coated. Grease-able with 3 port grease journal and 5/16" wide X 3/16" deep grease groove around pin. Center pin is piloted into the hangerboard.

Yes  No  Deviations \_\_\_\_\_

- h.** CLAMPS: 20.5 long X 7" deep X 1" thick. Shaped to follow the contour of the circle. 3/8" UHMW wear pads. Entire clamps must remain fully on the circle throughout the entire rotation of the scraper.

Yes  No  Deviations \_\_\_\_\_

- i.** REVERSE CYLINDERS AND HARDWARE: (2) 4" double – acting cylinders containing 1/2" #8 SAE ports, 2" socatri 1000 rods, poly pac seals, and cast steel heads. 3" OD – 2" ID anchor pivots, 2" hardened zinc coated with spiraled grease groove removable pivot pins (grease-able at each end). Prince Cross over relief valve set at 2200 PSI to protect reversing cylinders from shock impacts.

Yes  No  Deviations \_\_\_\_\_

- j.** MOUNTING PLATES: 3/4" thick 22 x 26 full plate steel construction. With 7" X 7" cut out for ease of cleaning. Attached to the truck using 3/4" grade 8 bolts, SAE washers and prevailing lock nuts that are electronically plated for corrosion resistance.

Yes  No  Deviations \_\_\_\_\_

- k.** PAINT: Shot-blasted, washed and powder coat paint TGIC polyester black. All parts are powder coated prior to assembly of scraper. Outer 12" of moldboard ends painted high visibility yellow.

Yes  No  Deviations \_\_\_\_\_

- l.** SERRATED GRADE SAFETY STEP: 12" x 12" welded to outer end of the moldboard on drivers side, optional 45 degree angle cut passenger side end of moldboard.

Yes  No  Deviations \_\_\_\_\_

- m. GREASE LINE KIT:** Remote grease kit that allows grease to be applied at centralized locations outside of the chassis frame. Grease hoses shall be SAE 107 Hytron hose rated at 3000 psi. Grease line kit will incorporate all 15 grease points on the scraper.

Yes  No  Deviations \_\_\_\_\_

**HYDRAULIC SYSTEM:**

- a.** Front mounted piston pump crank shaft driven, load sense hydraulic system to operate plow, plow reverse, scraper up & down, scraper reverse, double acting telescopic dump body hoist, main spreader chain, cross auger, spinner assembly and pre-wet.

Yes  No  Deviations \_\_\_\_\_

- b.** Plow/plow reverse/scraper/up/down/scraper reverse and dump body shall be Air Proportional Controls, using Pneu-Logic joy stick.

Yes  No  Deviations \_\_\_\_\_

- c.** Solenoid positive pump shut off with relay connected to low oil switch, and in-cab momentary over ride switch.

Yes  No  Deviations \_\_\_\_\_

- d.** System shall consist of a 1300 Series Spicer driveshaft including slip yoke and proper angle. Danfoss model ERL147CLS, 8.9 cubic inch load sense piston pump.

Yes  No  Deviations \_\_\_\_\_

- e.** Rexroth, model M4-12 LSA, 9 - bank valve, 5 bank airshift and 4 bank EPC. With mid inlet feature, No Exceptions.

Yes  No  Deviations \_\_\_\_\_

Pneu-Logic joy stick, controls shall be mounted on a custom built arm rest pedestal, designed to also house tarp switch, air-gate control, low oil light and momentary over ride switch.

Pneu-Logic Control System features:

- Assignable functions.
- Fully proportional operation.
- Safety trigger.
- LED indicated functions.

- Heads-up display.

Yes X No \_\_\_\_\_ Deviations \_\_\_\_\_

- f. 4 – bank EPC, single acting spinner – 7 GPM, single acting main chain – 24 GPM, single acting pre-wet – 7GPM, double acting cross auger – 15 GPM.

Yes X No \_\_\_\_\_ Deviations \_\_\_\_\_

#### SPREADER CONTROLS, Rexroth Bosch CS-550, No Exceptions

Open loop control system used for simultaneously controlling the spreading of granular and liquid ice control materials in conjunction with ground speed, also controls liquid channel for applying pre-wetting material, and anti-icing.

#### CS 550 features:

- Full CAN bus system.
- Ability to simultaneously control spreader and joystick functions:
  - Conv/Spinner/Prewet/Anti-icing/Auto Gate/Reverse
  - Conv/Spinner/Prewet/Cross Conveyor
  - Conv/Spinner/Prewet/Chute
  - Conv/Spinner/Prewet/Airgate
- Display Screen:
  - Glass/film/glass 5-wire touch screen, hardness of 7H
  - 7" Wide VGA 800x480 pixels, 262144 colors
  - Adjustable backlight, brightness of 400 cd/m2
- 3 detented knobs, metal housing, stainless shaft rotation torque of 8 oz-in.
- USB encrypted security key for setup and data logging.
- Auto-null, Auto-Calibration, and Auto-Catch Test.
- Built in ground speed simulator.
- Supports infra-red temp sensors.
- All wiring harness have integrated molded diagnostic LEDs.
- All sensor inputs use M12 connectors with stainless steel housing.
- All valve outputs use AMP Junior Timer connectors.

#### Specifications:

- |                         |            |
|-------------------------|------------|
| • Proportional Outputs  | 6 channels |
| • Digital Outputs       | 2 channels |
| • Frequency Inputs      | 3 channels |
| • Switch Inputs         | 6 channels |
| • Analog Voltage Inputs | 5 channels |
| • Analog Current Inputs | 4 channels |

All inputs protected and filtered.

Yes  No  Deviations \_\_\_\_\_

- g.** Supply line from reservoir to pump shall be 2 ½” ID SS hard pipe preferred with short hose assemblies at each end. Note: If not enough room – use 2 ½” hose full length.

Yes  No  Deviations \_\_\_\_\_

- h.** Piston pump – main pressure line shall be minimum 1” stainless steel pipe with 3,000 PSI rated jumper hoses with swivels each end.

Yes  No  Deviations \_\_\_\_\_

- i.** Hoses, fittings and adaptors: All hose to have crimp type fittings and have abrasive resistant sleeve covering in high wear areas. All clamps to be lined with abrasive resistant sleeve. Routing of pressure hoses shall be on the left side of engine as to stay away from turbo heat, using proper extension hangers and to leave room for service of engine filters.

Yes  No  Deviations \_\_\_\_\_

- j.** Hydraulic System shall be filled with AW32 oil, pressures set and system tested.

Yes  No  Deviations \_\_\_\_\_

## FUEL AND HYDRAULIC COMBINATION RESERVOIR AND VALVE ENCLOSURE

- a.** Combination fuel / hydraulic oil / valve enclosure, 7 gauge steel construction. Powder coated black.

- 85 gallons of fuel capacity.
- 38 gallons of oil capacity.
- Valve enclosure with lockable cover.
- 5” sight/temp gauge on the hydraulic tank.
- 3” suction port on hydraulic tank to accept 2’ suction screen, Zinga part # 2030-3.
- Zinga type flange on hydraulic tank for return line oil filter, RF1215-S-1 with RE-409-10 micron element.
- Ball valve shut offs on suction port and case drain port.
- Tank full of AW32 hydraulic oil.
- Gems low oil level sensor #15570.
- Isspro electronic fuel sender.

**b. Accessories:**

- Aluminum serrated grate steps, drivers side end of mounting saddle.
- Decals as to the contents, "Diesel Fuel" or "Hydraulic Oil".
- Low oil light and alarm system installed in the cab.
- Momentary over-ride switch installed in the cab.

Yes  X  No \_\_\_\_\_ Deviations \_\_\_\_\_

**ROLL-RITE TARP SYSTEM**

Roll-Rite, model 6416, aluminum system:

- a.** Fully automatic, 4 spring system, wind deflector, tarp spool, aluminum tension and tarp bows with 30 degree elbows, in-cab switch, indicator light and circuit breaker, 20 ft. heavy duty mesh tarp, complete and installed.

Yes  X  No \_\_\_\_\_ Deviations \_\_\_\_\_

**TOP SCREEN**

- a.** Heavy duty top screen assembly, mild steel – powder coat black

Yes  X  No \_\_\_\_\_ Deviations \_\_\_\_\_

**LIGHTING**

- (2) Star Strobe model 255HTC LED strobe lights with one mounted each side of cab shield.
- Federal 108 LED rubber shock resistant clearance lights and reflectors.
- Oval 60 series lights, configuration top to bottom installed.
- LED Strobe #EOVREBZA.
- LED stop/tail/turn, Sound off #ECV062STTLD.
- LED Back-up lights, Sound off #ECV062B2W.
- All wiring have heat shrink connectors and are terminated in a Betts Dri-Seal #35104 junction box with waterproof choke seals, installed on left rear corner post of the dump body.
- (3) Work lights – Nordic model N25 (1) mounted each side to shine on scraper discharge and (1) mounted on left rear of body to shine on spinner discharge.
- In cab independent switches.
- In-power switch system.

Yes  X  No \_\_\_\_\_ Deviations \_\_\_\_\_

**PLOW LIGHTS**

- a. Auxiliary plow lights and turn signals. Nordic model N520 hood mounted, custom built ¼" thick X 4" wide aluminum brackets with fiberglass in hood support plates, height to be determined at time of installation. Chassis manufacture to supply in-cab switch and harness.

Yes  No  Deviations \_\_\_\_\_

## FRONT PLOW HITCH

- a. Hustings style heavy duty 34" wide Quick Hitch, top of hitch shall be gusseted with 3/8" plate. Plunger pins shall have grease zerks and secondary locking tabs. Plow cylinder shall be hydraulic double acting cylinder with the following specifications: 3" diameter bore, 10" stroke 2" socatri 1000 shaft – Boss O-ring ports. Hitch shall be bolted to a heavy duty structural channel. 12" minimum 20.7 lb., front bumper with flare back and boxed ends. Hitch shall include upper and lower bracing. Hitch, bumper and bracing shall be installed with grade 8 nuts and bolts; to include extended brackets for hood cables & pull back support cable. Supply chain box approximately 8" tall X 8" wide X 12" long, solid sides ¾" #9 expanded metal bottom. All to be epoxy. Primed and painted urethane black.

Yes  No  Deviations \_\_\_\_\_

## HEAVY DUTY REVERSIBLE 3 SECTION TORSION TRIP PLOW

### MP44R11-ISTT/ME2

- One piece, Hi tensile Steel Moldboard, 10ga. steel roll formed with integral shield and dual mouse ears.
- 44" Center Height, 52" Wing Height.
- 12" Rubber Snow Deflector.
- Six ½" x 4" one piece solid flame cut ribs that taper to 2" at the top of the Moldboard.
- Six push points attaching Push Frame to the Moldboard for maximum force distribution.
- 2" x 3" x 3/8" Top Moldboard Angle Iron.
- 4" x 4" x ¾" Bottom Moldboard Angle Iron.
- 3" x 3" x ¼" Non-spring Horizontal Angle Bracing.
- 3" x 3" x ½" Horizontal Spring Support Angle Bracing.
- Six ¾" Torsion Spring Assemblies for Three Section Trip Edge.
- Main Push Frame made of 4" x 4" x 3/8" Wall Steel Seamless Tubing.
- 3-1/2" x 3-1/2" x ½" Semi-Circle.
- Moldboard and Frame are Continuously Welded.
- Moldboard Shot Blasted and Painted Powder Coat Orange.
- Push Frame, Semi-Circle Shot Blasted and Painted powder Coat Black.





## APPLICANTS NEEDED BOARDS and COMMISSIONS VACANCIES

**COMPENSATION COMMISSION.** Two vacancies – terms ending 09/30/17 and 09/30/19. *Applicants must be registered voters in the City.* Purpose: Establishes compensation for City Council members.

**DOWNTOWN DEVELOPMENT AUTHORITY.** One vacancy – term ending 06/30/19. *Applicants must have an interest in property in the downtown district.* Purpose: Central Business District and Tax Increment Financing Authority.

**HARBOR COMMISSION.** Two vacancies – terms ending 10/31/18. Purpose: Advisory on marina, harbor development issues.

**PEG COMMISSION.** Two vacancies – terms ending 12/31/18. *Applicants must be Manistee County residents.* Purpose: Oversees operation of Manistee Public Access Television.

**PLANNING COMMISSION.** Two vacancies – unexpired terms ending 10/31/16 and 10/31/17. *Applicant must be City resident.* Purpose: Reviews master plan, zoning, site plans, development issues.

**ZONING BOARD OF APPEALS.** One vacancy – term ending 05/31/18 (alternate member). Purpose: Hears appeals to zoning, building issues.

Application forms are available at the City Clerk's office, 70 Maple Street or on the City website at <http://www.manisteemi.gov>. Applications must be returned by Friday November 6, 2015 to be considered for appointment at the November 17, 2015 City Council meeting.



RECEIVED

OCT 26 2015

CITY OF MANISTEE  
CLERK-TREASURER

## APPLICATION FOR APPOINTMENT

Thank you for your expression of interest in serving this community by volunteering for appointment to a board or commission. Please provide the requested information in addition to any other information you think appropriate for the Mayor and City Council to consider. Please plan on attending the Council meeting at which this matter will be considered. The public notice for this vacancy included that date.

BOARD OR COMMISSION APPLIED FOR: DDA Board member

NAME: Jacquelyn Gielczyk  
ADDRESS: 2226 Staunton St  
Filer City MI 49634

PHONE: (Home) 231-510-8147 (Work) 231-723-6565

E-MAIL: gielczyk@att.net  personal or  work

I want to volunteer for this position because:

I have been on a couple of committees for the downtown and want to see all of it grow

Please add any particular education, experience or background you think appropriate to include:  
26 years of banking, SOC fund board member, past treasurer of Chippewa 350 Club

Feel free to attach any additional information.

I  (will)  (will not) be able to attend the Council meeting. Please circle one.

Jacquelyn Gielczyk 10/26/15  
Signature Dated

The City of Manistee does not discriminate on the basis of race, color, religion, sex, national origin, age or disability. If you have a disability and may need accommodation to participate fully on this board or commission, please contact the City ADA Officer, or check this box and someone will contact you to discuss your needs.



### APPLICATION FOR APPOINTMENT

Thank you for your expression of interest in serving this community by volunteering for appointment to a board or commission. Please provide the requested information in addition to any other information you think appropriate for the Mayor and City Council to consider. Please plan on attending the Council meeting at which this matter will be considered. The public notice for this vacancy included that date.

BOARD OR COMMISSION APPLIED FOR: DDA

NAME: James Matthews

ADDRESS: 334 River St.  
Manistee, Mi. 49660

PHONE: (Home) 3142206253 (Work) \_\_\_\_\_

E-MAIL: open01@ameritech.net () personal or () work

I want to volunteer for this position because:

I am a property owner on River St., and would like to contribute to the successful re-vitalization of Manistee's commercial district.

I have executive level experience both in public and private sector, and substantial expertise in the restoration of historic properties

Please add any particular education, experience or background you think appropriate to include:

Former Vice President Enterprise Architecture and Strategy at Charter Communications, Former CIO- State of Illinois.

Worked with the City of Manistee Historic Commission, and State of Michigan to facilitate Brownfield cleanup and reconstruction and restoration of the property I now occupy at 334, 336, 338 River St.

Feel free to attach any additional information.

I () (will) <sup>tentative</sup> () (will not) be able to attend the Council meeting. Please circle one.

James E. Matthews  
Signature

11/6/15  
Dated

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November, 9, 2015

I understand there is a vacant position on the DDA, specifically targeted toward a River St. property owner. I am the owner/resident of this property, and over the past 5 years have worked with the City of Manistee to purchase the property, convert from commercial to mixed use, demolished failing sections of the building, while stabilizing the rest, worked with the city in funding the Brownfield cleanup, and I now have 2 retail spaces available for lease.

There is potential for additional commercial use of this property that I may pursue if there is favorable return on investments already made, and if I can maintain confidence in the ability of the City of Manistee to leverage its God given assets to establish its position as a prime recreational destination for the entire Midwest section of the country. This position could permit me to help influence this outcome.

I am currently retired; however, my experience for the past 12 years was at the executive level, with responsibility for organizational alignment and optimization. I see an opportunity to apply the techniques utilized in achieving success toward improving Manistee's future, and by association improving the return on my own investment in Manistee property.

I have business in St. Louis the week of 11/16, so would not be available to attend the meeting on 11/17 in person. I could conference into the meeting if this can be accommodated.

Thank You,

James E. Matthews



RECEIVED

OCT 13 2015

CITY OF MANISTEE  
CLERK-TREASURER

### APPLICATION FOR APPOINTMENT

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BOARD OR COMMISSION APPLIED FOR: PEG

NAME: Mike Tillotson

ADDRESS: 86 Hancock  
0000550

PHONE: (Home) 299-1194 (Work) \_\_\_\_\_

E-MAIL: mjtillotson@yahoo.com personal or  work

I want to volunteer for this position because:

I've been on Manistee PEG before my  
wife and me moved away for 10 years

Please add any particular education, experience or background you think appropriate to include:

BBA Central Michod, Photo School New York City

Feel free to attach any additional information.

I  (will)  (will not) be able to attend the Council meeting. Please circle one.

[Signature] Oct 13, 2015  
Signature Dated

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