



## REGULAR MEETING OF THE DOWAGIAC CITY COUNCIL

Municipal Building, 241 S. Front Street, Dowagiac, Michigan

Monday, December 12, 2016, 7:00 p.m.

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### AGENDA

- CALL TO ORDER -Mayor Donald D. Lyons
- PLEDGE OF ALLEGIANCE TO THE FLAG -Mayor Donald D. Lyons
- ROLL CALL -Mayor Donald D. Lyons  
-Mayor Pro-Tem Leon Laylin  
-Councilmember Charles Burling  
-Councilmember James Dodd  
-Councilmember Danielle Lucas  
-Councilmember Lori Hunt  
-Councilmember Bob Schuur
- APPROVAL OF MINUTES OF PREVIOUS MEETING – November 28, 2016
- QUESTIONS FROM CITY COUNCIL –
- COMMENTS FROM THE AUDIENCE (NON-AGENDA) –
- COMMENTS FROM THE AUDIENCE (AGENDA) –
- COMMUNICATIONS –
1. Steve Grinnwald – Police and Fire Departments – Life Saving Awards
  2. Petition to reinstall street light in 700 block of North Front Street.
- APPOINTMENTS –
1. Zoning Board of Appeals
    - a. Members
      - i. Tony Poarch
      - ii. Jason Wilt
      - iii. Danielle Lucas
      - iv. Jim Benedix
      - v. Bob Frontczak

- b. Alternate
  - i. Tom Atkinson

RESOLUTIONS –

1. Resolution to authorize a five (5) year renewal of a contract with Power Line Supply for a vendor managed inventory control system for city utilities.
2. Resolution to establish a policy for etiquette at City Council meetings.
3. Resolution to authorize the replacement of the Electric Utility line truck.
4. Resolution to authorize an increase in a grant for a mural art work from \$12,100.00 to \$14,725.00.
5. Resolution to authorize the payment of bills (Roll Call)

<u>BILLS</u>	<u>PAYROLL</u>	<u>TOTAL</u>
\$643,116.57	\$114,992.54	\$758,109.11

COMMENTS FROM CITY OFFICIALS –

ADJOURNMENT –

Kevin P. Anderson  
City Manager

Attachments

## DOWAGIAC CITY COUNCIL MEETING

Monday, November 28, 2016

A regular meeting of the Dowagiac City Council was called to order by Mayor Lyons at 7:00 p.m.

Mayor Lyons led the Pledge of Allegiance to the flag.

**PRESENT:** Mayor Donald D. Lyons; Mayor Pro-Tem Leon D. Laylin; Councilmembers Charles K. Burling, James B. Dodd, Lori A. Hunt, Danielle E. Lucas, Bob B. Schuur and City Clerk Jane P. Wilson.

**ABSENT:** None

**STAFF:** City Manager Kevin P. Anderson.

Councilmember Dodd moved and Councilmember Hunt seconded that the minutes of the November 14, 2016 meeting be approved.

Approved unanimously.

### RESOLUTIONS

1. Resolution to cancel the City Council meeting scheduled for December 26, 2016.

Councilmember Schuur offered and moved to approve the resolution; seconded by Councilmember Laylin.

**WHEREAS**, the regularly scheduled December 26, 2016 City Council meeting falls during the Christmas holiday; and

**WHEREAS**, the Mayor and City Council desire to cancel the December 26, 2016 City Council meeting; and

**WHEREAS**, cancellation of the December 26, 2016 City Council meeting will not have an adverse effect on the conduct of City business.

**NOW, THEREFORE, BE IT RESOLVED** that the Dowagiac City Council hereby cancels the regularly scheduled City Council meeting of Monday, December 26, 2016; and

**BE IT FURTHER RESOLVED** that the Treasurer, with the concurrence of the City Manager and Accountant shall pay vendors the last week of the year and report said payments to the City Council at the January 9, 2017 regularly scheduled meeting.

ADOPTED unanimously.

DOWAGIAC CITY COUNCIL MEETING

Monday, November 28, 2016

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2. Resolution to authorize and direct the City Treasurer to pay the following bills and payroll due:

Councilmember Schuur offered and moved the adoption of the following resolution; seconded by Councilmember Burling.

**WHEREAS**, the following information has been reviewed by the City Manager and City Treasurer and is being presented to City Council with a recommendation to approve invoices for period ending 11/23/2016 and payroll #4:

Invoices \$689,498.35 PR #04 \$192,542.40 Total \$882,040.75

**BE IT RESOLVED** that the City Manager and City Treasurer are hereby authorized and directed to pay the following bills and payroll due:

<u>BILLS</u>	<u>PAYROLL</u>	<u>TOTAL</u>
\$689,498.35	\$192,542.40	\$882,040.75

ADOPTED on a roll call vote.

Ayes: Six (6) Burling, Dodd, Hunt, Laylin, Lucas, Schuur

Nays: None (0)

Absent: None (0)

Abstain: None (0)

ADJOURNMENT

Upon motion by Councilmember Schuur and seconded by Councilmember Dodd, the Dowagiac City Council adjourned at 7:10 PM.

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Donald D. Lyons, Mayor

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Jane P. Wilson, City Clerk

## *CITY OF DOWAGIAC*

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**MEMO TO:** Mayor Lyons and City Council Members

**FROM:** Kevin P. Anderson, City Manager

**DATE:** December 9, 2016

**SUBJECT:** Petition to Reinstall Street Light in the 700 Block of N. Front St.

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On October 28, 2016, a petition signed by 16 people who are requesting that a street light be reinstalled on pole number 470 between house number 702 and 706 North Front Street was received in my office.

### BACKGROUND

In 2009, the City of Dowagiac, in response to the major reduction in revenues brought about by the national economic banking crisis, began a diligent review of ways to reduce expenditures while minimizing the impact on public safety. One of the many areas identified for potential savings was the number of street lights that had grown significantly over the years.

The electric crews identified areas where street lights exceeded typical street lighting standards and then began the process of removing lights where appropriate. The removal of excess street lights began in 2010 and continued for several years. The light at pole number 470 was removed about 3 years ago.

Department of Public Safety Director Steven Grinnwald was tasked with reviewing the police record to determine if activities support additional street lighting in the 700 Block of North Front Street. He reviewed a total of 175 incidents since, January 1, 2012 to current that police responded to in this area. The incidents were as follows:

- 99 traffic stops or assists to other departments.
- 36 assists to other departments occurred at one property. Assist to other departments are typically assisting Pride Care with a patient.
- 10 traffic crashes, 9 of those crashes occurred during the day. The 1 night crash was a rear-end crash that according to the report was not likely caused by darkness.
- 30 calls for service for other incidents. These are resident initiated calls for service. Other incidents include a suspicious person reported near Save A Lot, subjects going

door to door (solicitor permit concerns), found property, a curfew/minor in possession call, civil issues between members of households. These 30 calls include 2 reports of larceny from vehicles that occurred overnight and were reported the next day and 2 incidents of damage to property. One of the damage to property reports occurred during the overnight hours and one occurred during the daylight hours.

The Director's full report is attached.

Since 2010 over 200 lights have been removed throughout the city. The estimated cost to operate and maintain a street light is \$20/month (\$240/year, \$1,200/5 years).

Customers have options for private lighting systems beginning at \$13.67 per month.

Janet Hodgson has been a contact person for the petitioners and I have verbally communicated with her the results of the police review and let her know that there does not appear to be documentable safety concerns to warrant reinstatement of the street light. Mrs. Hodgson has indicated that she disagrees and requested that Council review the matter.

The petition and findings are being placed on the December 12, 2016 agenda under "Communications" for Council review. It is under the communications section so that council can see we have received a petition, see that the petition has had staff review, and discuss whether or not policy changes should be considered at a future meeting. It has not been set as an action item for December 12, 2016.

All petitioners have been mailed a copy of this report.

Support Documents:

- Cover Memo-City Mgr.
- Petition from N. Front Street property owners
- Cover Memo-Dept. Head

Janet Hodgson  
782-8291

RECEIVED OCT 26 2016

### Petition To Reinstall Street Light

The residences in the 600 and 700 block of North Front Street, Dowagiac, Michigan, would appreciate the return of the street light on the East side, formerly the parking lot for Springsteen Realty. The pole number 470 is located between house numbers 702 and 706 North Front Street.

The area has become dark for pedestrians walking to and from area businesses including Pizza Hut further North. In addition the appearance of the lighting sequence looks as if one is burnt out from the city limits towards downtown.

The absence of this lit area is missed greatly over the past years, for some of residences the street light had been there for decades. We are asking for this street light to be reinstalled. Your consideration in this matter will be appreciated for the safety of the neighborhood.

Name	Address
<u>Deborah K. Matthews</u>	<u>712 N. Front St Dowagiac</u>
<u>Ernestine Matthews</u>	<u>712 N Front St, Dowagiac, MI 49047</u>
<u>Darlene Trussell</u>	<u>703 N. Front St. Dowagiac MI 49047</u>
<u>Hugh E. Trussell</u>	<u>703 N. Front St Dowagiac</u>
<u>April Trussell</u>	<u>702 N. Front St. Dowagiac</u>
<u>Donald Higgs</u>	<u>702 N Front St. Dowagiac</u>
<u>Mark F. Higgs</u>	<u>706 N. FRONT ST., DOWAGIAC</u>
<u>Megan Johnson</u>	<u>614 N. Front Street Dowagiac</u>
<u>[Signature]</u>	<u>705 N. Front St. 49047</u>
<u>Austilou</u>	<u>705 N Front St 49047</u>
<u>Deane S. Miller</u>	<u>700 N. Front. 49047</u>
<u>Trancee</u>	<u>709 N. Front St.</u>
<u>Rich Koonce</u>	<u>709 N Front St</u>
<u>Paul Flora</u>	<u>701 N FRONT ST</u>
<u>Janet Hodgson</u>	<u>708 N Front Street</u>
<u>Heleen Hodgson</u>	<u>708 N. Front St.</u>

## ***DOWAGIAC POLICE DEPARTMENT***

**DATE: November 15, 2016**

**TO: Kevin Anderson, City Manager**

**REF: Police Activity 600 & 700 Block N. Front St.**

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I was requested to check the activity from the Dowagiac Police Department for the area of the 600 and 700 blocks of N. Front St. in Dowagiac. I was advised that this was in response to a request to have a street light returned in the 700 block of N. Front St. that had been removed sometime in 2012.

For this information I examined calls for service/activity at both intersections in this area as well as specific residences in this area. The intersections examined are listed below:

N. Front St./Sheldon St.  
N. Front St./Cleveland St.  
N. Front St./Sunset St.

As previously stated, I also examined all specific residences in this area. Residences ranged from 701 to 715 on the west side of N. Front St. and 612 to 718 on the east side of N. Front St. I did not include businesses in these areas as all of the businesses currently have ample lighting at night. All of the incidents examined occurred between January 1, 2012 and today's date of November 15, 2016.

Although this area is listed within the city limits as N. Front St., this section of roadway is actually a portion of M-51, which is a heavily travelled state highway in this area. There is a mixture of both residential and business structures throughout this area with moderate to heavy traffic on a daily basis.

### **INTERSECTIONS:**

There was a total of 116 total incidents that occurred at the three listed intersections during the time period examined. It should be noted that the incidents that occurred were approximate locations of incidents. Officers responded to, or initiated, incidents in the area and noted the closest intersection as the location of the incident.

The 116 total incidents are broken down by type of incident below:

- 99 Traffic stops or assists to other departments on traffic stops
- 10 Traffic crashes
- 7 Other incidents (suspicious persons @ Save A Lot, subjects going door to door, found property, curfew violation/minor in possession)

Upon examining the traffic crashes I noted that nine of the crashes occurred during daylight hours and one of the crashes occurred at night. The night crash was a rear-end crash that was not related to darkness.

The curfew violation/minor in possession incident began at the North Side Liquor store. Officers observed the minors at this location and the minors ran from the location upon seeing the officers. They were located a short distance away.

### **RESIDENCES:**

As previously stated, I examined calls for service at each residence in the 600 and 700 blocks of N. Front St. There was a total of 59 incidents at the combined residences during the time period examined. There was a total of 36 calls for service at one residence/location, 714 N. Front St., which is the LADD residence. This leaves a total of 23 calls for service during the four year period for the remaining residences in this area.

Of the 23 calls examined, several were for suspicious people going door to door in the area, suspicious vehicles parking in the area, and civil issues between members of households. There were two incidents of damage to property that occurred. One of these occurred during overnight hours and one occurred during daylight hours. There were two reports or larcenies from vehicles which were reported on today's date that occurred sometime overnight.

## **SUMMARY:**

Upon reviewing incidents in this area, I noted that there was a total of 175 incidents combining both intersections and residences. It should be noted that 99 of those incidents were traffic stops and 36 occurred at one residence/address. If the 10 traffic crashes are removed from this total that leaves approximately 30 calls for service within this neighborhood in a four year period. This averages to 7.5 calls per year for this neighborhood. There were a total of 10 traffic crashes during this time period which averages to 2.5 per year.

Although this is a major entrance to the city with moderate to heavy traffic, there does not appear to be much activity in this area. Most of the incidents are traffic related with no specific connection to the neighborhood, with the exception of this is where the traffic violation was observed and action taken.

**RESPECTFULLY SUBMITTED:**

Chief Steven L. Grinnwald  
Dowagiac Police Department

**CITY OF DOWAGIAC**

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**MEMO TO: City Council Members**

**FROM: Mayor Donald Lyons**

**DATE: December 9, 2016**

**SUBJECT: Recommended Appointments to Zoning Board of Appeals**

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It has been several years since the Zoning Board of Appeals (ZBA) has needed to meet and in the time since they last met a number of members are no longer available or eligible to serve. The ZBA consists of 5 members and up to 2 alternates. The law requires 5 members/alternates be present at a ZBA meeting when making a decision on a variance request. One member of the Planning Commission is required to serve and one member of City Council is allowed to serve.

The following recommendations are being made for Council consideration:

Members:

Jason Wilt	for a 3 year term expiring December 31, 2019
Jim Benedix	for a 3 year term expiring December 31, 2019
Bob Frontczak	for a 2 year term expiring December 31, 2018
Tony Poarch	Planning Commission representative
Danielle Lucas	Legislative Body representative

Alternate

Tom Atkinson	for a 2 year term expiring December 31, 2018
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RECOMMENDATION

Approve the recommended appointments to the Zoning Board of Appeals.

Support Documents:

Cover Memo-City Mgr.

***CITY OF DOWAGIAC***

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***MEMO TO:*** Mayor Lyons and City Council Members

***FROM:*** Kevin P. Anderson, City Manager

***DATE:*** December 9, 2016

***SUBJECT:*** Vendor Managed Inventory System

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Back in 2010 City Council authorized the move to a vendor managed inventory system for the purpose of reducing inventory and processing costs while supplying our work force with the needed materials for the job. The vendor managed inventory system has served those purposes and continuing those services for an additional five years is recommended.

An outline of terms follows:

- Five-year agreement, expiring in 2022.
- Vendor will supply software and support.
- Vendor will deliver and stock the shelves.
- Price of materials is cost plus 15%. For items over \$25,000, the price is cost plus 6%.

**RECOMMENDATION**

Approve the resolution authorizing a five-year contract with Power Line Supply Company for a vendor managed inventory system.

Support Documents:

Cover Memo-City Mgr.  
Resolution  
Contract

Councilmember \_\_\_\_\_ offered and moved the adoption of the following resolution; seconded by Councilmember \_\_\_\_\_.

WHEREAS, the City manages nearly \$250,000 worth of inventory within its utilities each year, and;

WHEREAS, vendor managed inventory control systems have proven successful in many similar sized utilities in the State of Michigan, and;

WHEREAS, the Department of Public Services entered into a three-year renewal contract in 2013 with Power Line Supply Company for a vendor managed system, and;

WHEREAS, the Department of Public Services wishes to renew this contract for a five year term.

NOW, THEREFORE, BE IT RESOLVED that the City of Dowagiac enter into the attached five-year contract renewal with Power Line Supply Company for a vendor managed inventory system.

ADOPTED / REJECTED

# VENDOR MANAGED INVENTORY ALLIANCE

## POWER LINE SUPPLY COMPANY AND CITY OF DOWAGIAC

*This document is to confirm the formation of a Strategic Alliance between Power Line Supply Company (PLS) and City of Dowagiac (City of Dowagiac). It establishes the basis for an understanding which ensures mutual trust and understanding between the companies. The objective of which will be to improve the operating efficiencies and reduce operating costs in the management of inventory. Material will be provided through PLS utilizing PLS e-commerce tools.*

### I. OPERATIONAL TEAMS

Based on the team concept philosophy, the Alliance shall be structured around an Operations and Management with representatives from both PLS and City of Dowagiac.

#### Alliance Operations & Management Team

Power Line Supply:

**Teresa Simpson, Jeff Stauffer  
Inside Sales Staff Person**

City of Dowagiac

**Jim Bradford, Pat Harding,  
Sue Watson, Mitch Billingham**

#### Alliance Support Team

PLS Staff

PLS Driver Storekeeper

City of Dowagiac Information Systems

### OBJECTIVES

Both companies have jointly identified specific objectives to be achieved by this Alliance.

#### Power Line Supply's Objectives Include:

- Provide a service level of 95%
- Develop trend analysis
- Provide all mutually agreed upon material on a consigned basis
- Provide performance reporting
- Support City of Dowagiac's reporting requirements
- Provide periodic suggestions to adjust the mutually established min/max inventory levels.

#### City of Dowagiac Objectives Include:

- Provide accurate and timely usage information via the PLS Bar Code Scanners
- Provide Construction Planning Information with enough advance notice to avoid lead time problems
- Adequate storage and security for material

## Joint Objectives:

- Develop if necessary electronic commerce procedures.
- Manage inventory turns at greater than 4 per year
- Mutually establish Min/Max inventory levels for each PLS Consigned VMI stock item
- Mutually agree on warehouse layout and procedure changes
- Retail Deliveries to be determined in the future will be negotiated and added to this Alliance Agreement as an addendum
- Mutual agreement on delivery schedule will be created.

The Alliance Team will meet as needed to ensure sustained progress is being made toward the objectives listed above and any other objectives that are agreed to.

## **II. INFORMATION EXCHANGE**

To achieve the objectives of the Alliance, certain information will have to be shared. Each company will use this information in strict confidence. Information to be shared will include but not be limited to:

### From Power Line Supply:

- Material acquisition costs
- Ordering and delivery schedules
- Usage and Inventory Management Information

### From City of Dowagiac:

- Past Material usage
- Material Forecasts
- Specification Changes

## **III. TERMS AND CONDITIONS**

- a) PLS will provide delivery and warehousing functions as necessary.
- b) City of Dowagiac will provide all the necessary equipment for PLS to have access to the yard and warehouse.
- c) PLS will provide the right to use licensed version of the PLS VMI Barcode software to City of Dowagiac to capture data via the scanners and provide the necessary VMI services.
- d) Payment terms will be net 15 days for each summary invoice that will be generated on the last business day (normally Friday) of each week.
- e) Pricing will be at a weighted PLS system moving average acquisition cost plus initially at 15% on PLS VMI stock items. The price will be reviewed for renegotiation during December of each successive year. Any price adjustments will be based on volume increases and performance measurements. Any price adjustment will be added to this agreement in an addendum that will be signed and dated by both parties.
- f) Direct ship items/Projects greater than \$25,000.00 will be priced at acquisition cost plus 6%.

- g) Damaged material will be the responsibility of the respective damaging party. If PLS damages material or a box contains concealed damage PLS will be responsible for the damaged material. If City of Dowagiac damages material, City of Dowagiac will be invoiced for any damages material at the weighted PLS system moving average acquisition cost plus the current % markup.
- h) Trailer jobs or Contractor jobs will be packaged in Reed City and held until order is complete, unless specified otherwise by the City of Dowagiac. Inventory will be conducted by Account Manager, Inside Sales, and a representative from City of Dowagiac or assignee. The trailer will be locked and then delivered to Job location. Unless otherwise agreed upon by City of Dowagiac and PLS.
- i) City of Dowagiac agrees to purchase all Electrical utility materials through PLS. Materials to include but not limited agreement to: all metering materials, line constructions materials, maintenance materials, street lighting and poles (where applicable).
- j) City of Dowagiac agrees to allow PLS to bid on all projects either owned or managed by the City or the Utility.
- k) Upon Termination City of Dowagiac will purchase all stock items up to the maximum inventory level at the weighted PLS system moving average acquisition cost plus the current % markup. Termination initiated by City of Dowagiac within the first 18 months a penalty of 8% will be assessed to cover PLS' implementation costs.

#### **IV. TERM OF AGREEMENT**

**This agreement shall become effective on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ and shall remain in effect for a minimum of 5 years. If either party has an alliance performance issue that they feel is substantial enough to jeopardize the continuance of this alliance a written request for review needs to be submitted to the entire Alliance Leadership Team giving them 30 days to review and establish corrective action. If both parties mutually agree in writing due to substantial clear and convincing evidence that the continuance of this alliance agreement should be terminated, an early termination will be granted in accordance with the termination terms and conditions of the alliance agreement. At the conclusion of the initial three year period, termination by either party requires 90 days' advance written notice to the other. At the end of the initial 3 year agreement this contract maybe extended for (2) one year increments by written notice and acceptance of both parties.**

#### **V. CONFIDENTIALITY**

The parties acknowledge that they may, in the course of performing their respective obligations under this Agreement, be exposed to or acquire information, which is confidential or proprietary to the other. This shall apply, but not necessarily limited to, financial information, City of Dowagiac lists, marketing plans/strategies and other business data that the parties must have to pursue mutually beneficial business and business discussions. The party exposed to or acquiring such information hereby agrees to hold such information in strict confidence and not to disclose such information for any purpose what so ever other than the performance of its obligations as contemplated by this Agreement and to advise each of its employees, agents, contractors, or subcontractors who may be exposed to such proprietary information of his/her obligation to keep such information confidential. Additionally, it is understood that the freedom of information act supersedes any agreement between PLS and City of Dowagiac.

In no event is this Alliance to be interpreted as a partnership or joint venture. Power Line Supply and City of Dowagiac are independent contractors. Neither, Power Line Supply or City of Dowagiac shall make any agreements, representations or guarantees in the name of or, on behalf of the other party to this Alliance, or any representation that their relationship is other than that of independent contractors.

**Power Line Supply Co.**

**City of Dowagiac**

\_\_\_\_\_  
Jeff Stauffer Sr. Vice President                      Date

\_\_\_\_\_  
Donald D. Lyons, Mayor                                      Date

\_\_\_\_\_  
ATTEST: Jane P. Wilson, Clerk                      Date

***CITY OF DOWAGIAC***

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***MEMO TO:*** Mayor Lyons and City Council Members

***FROM:*** Kevin P. Anderson, City Manager

***DATE:*** December 12, 2016

***SUBJECT:*** Etiquette at Council Meetings

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Public meetings are the place where the business of government is shaped and an agreed upon rules of conduct policy is one important component to assuring that all public meetings are run smoothly. A policy provides a mutual understanding of expectations of how meeting participants, elected officials and staff, interact and conduct business in council meetings.

At the November Council workshop, council members reviewed the items that should be addressed in the policy statement which has been crafted for consideration and action.

**RECOMMENDATION**

Approve a resolution to adopt an etiquette policy for Council Meetings

Support Documents:

- Cover Memo-City Mgr.
- Resolution –
- Policy Statement

Resolution #2  
December 12, 2016

Councilmember \_\_\_\_\_ offered and moved the adoption of the following resolution;  
seconded by Councilmember \_\_\_\_\_.

WHEREAS, Council meetings are the place in which the business of local government is  
discussed, debated, and decided, and;

WHEREAS, City Council wants to formally establish a meeting etiquette policy for meetings  
that is clear for elected officials, staff, and the citizens of Dowagiac.

NOW, THEREFORE, BE IT RESOLVED that the City of Dowagiac, by the affirmative vote of  
its City Council, does hereby adopt and approve the attached Council Meeting  
Etiquette Policy that is to be effective beginning January 1, 2017.

ADOPTED/REJECTED

## COUNCIL MEETING ETIQUETTE

**ARRIVAL** – Arrive at the meeting at least five minutes early.

**BE PREPARED** – Read the agenda and supporting information before arriving at the meeting. If you have any questions that may require background research, ask those questions of the city manager at least eight hours prior to the meeting start time.

**ATTIRE** – Business casual. Neat and clean is important. Blue jeans are OK, for gentlemen shirts must have collars.

**SPEAKING** – Speak only when recognized by the chairperson. Do not interrupt while someone else is speaking. Be prepared to express your views well and succinctly.

**NERVOUS HABITS** – Avoid nervous habits such as tapping a pen on the table, making audible noises, chewing gum, rustling papers or tapping your feet.

**CELL PHONES & LAPTOPS** – Electronics devices are fine if they're used for meeting agenda, background information or some other use directly related to the business of council. Electronic devices should not be used for non meeting related purposes. Private communication between council members is not allowed during meetings under Michigan's Open Meetings act. If you anticipate the potential need for electronic communication during a meeting, please set your device on vibrate and excuse yourself from the meeting room to take the call.

**STAY ON TOPIC** – When speaking on an issue, confine your comments to that issue. There is an opportunity at the end of each council meeting for random comments.

**BE RESPECTFUL** – The respect you show to your fellow elected officials and staff by following these few simple rules will do much to promote an atmosphere of cooperation on the part of all of those involved, which in turn will allow us to better serve our community.

*CITY OF DOWAGIAC*

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**MEMO TO:** Mayor Lyons and City Council Members

**FROM:** Kevin P. Anderson, City Manager

**DATE:** December 9, 2016

**SUBJECT:** #5 Line Truck Replacement

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A resolution is on Monday's agenda to approve the purchase of a vehicle to replace the Electric Utilities vehicle used for setting poles. As you will see from the attached memo, the current vehicle is 28 years old and needs repairs of at least \$30,000. A new vehicle will cost \$186,821 and is expected to last 20+ years.

Replacement funds have accrued in the Motor Pool Fund to pay for this purchase

RECOMMENDATION

Authorize the resolution to approve the purchase of a replacement to #5 Line Truck from Cannon Truck Equipment in the amount of \$186,821.00.

Support Documents:

- Cover Memo-City Mgr.
- Cover Memo-Dept. Head
- Resolution
- Quotes



Councilmember \_\_\_\_\_ offered and moved the adoption of the following resolution; seconded by Councilmember \_\_\_\_\_.

WHEREAS, the City of Dowagiac Department of Public Services has determined that the replacement of the Electric Division Line Truck, a 1988 Ford F-800 with hydraulic digger derrick, is necessary, and;

WHEREAS, quotes were received from two vendors for the replacement of this vehicle, and;

WHEREAS, the City has funds available in the Motor Pool to fund this replacement.

NOW, THEREFORE, BE IT RESOLVED that the City of Dowagiac, by the affirmative vote of its City Council, does hereby approve the purchase of a new Electric Line Truck from Cannon Truck Equipment, of Shelby Township, Michigan, in the amount of \$186,821.00.

BE IT FURTHER RESOLVED, that the City Manager is hereby authorized and directed to act as signatory for the execution of same.

ADOPTED/REJECTED



METRO DETROIT
51761 Danview Technology Ct.

Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

Q U O T A T I O N
=====
Quote No. J30597

STATE REG NO: F151568

DEALER LICENSE NUMBER: B6542

Customer: 3554
CITY OF DOWAGIAC
241 S. FRONT ST.
DOWAGIAC MI 49047

12/06/16: Quote Date
: Expire Date
N30: Terms
: Delivery

Contact: Phone: 734-676-0031 Fax:

STATE OF MICHIGAN CONTRACT # 071B2200263

FURNISH AND INSTALL:

- 1) VERSALIFT TMD-2047B DIGGER DERRICK, INCLUDING THE FOLLOWING ITEMS:
-BOOM ASSEMBLY - THE BOOM ASSEMBLY CONSISTS OF THE LOWER BOOM, INTERMEDIATE BOOM, UPPER BOOM, AND EXTENSION SYSTEM. THE LOWER BOOM IS CONSTRUCTED OF HIGH STRENGTH STEEL FORMING A 9.75 X 12.75 RECTANGULAR SECTION. THE INTERMEDIATE BOOM IS CONSTRUCTED OF HIGH STRENGTH STEEL FORMING AN 8 X 10.13 RECTANGULAR SECTION. THE UPPER BOOM IS CONSTRUCTED OF HIGH STRENGTH, FILAMENT WOUND, EPOXY RESIN, FIBERGLASS WITH A 7 X 9 RECTANGULAR SECTION AND INCORPORATES A FIBERGLASS TIP. THE EXTENSION SYSTEM INCLUDES TWO DOUBLE-ACTING HYDRAULIC CYLINDERS. EACH CYLINDER INCORPORATES DUAL COUNTERBALANCE HOLDING VALVES.
-BOOM LIFT CYLINDER - A SINGLE DOUBLE-ACTING CYLINDER EQUIPPED WITH A COUNTERBALANCE HOLDING VALVE AND SELF-ALIGNING SPHERICAL BEARING.
-TURNTABLE - THE FIXTURE WELDED STEEL STRUCTURE IS CONSTRUCTED FROM 5/8 PLATE WINGS AND A 1.5 THICK BASE PLATE. THE BASE PLATE IS MACHINED FLAT TO SUPPORT THE ROTATION BEARING.
-ROTATION DRIVE - CONSISTS OF A HYDRAULICALLY DRIVEN WORM AND SPUR GEAR ACTING ON A SHEAR BALL ROTATION BEARING. THE GEARBOX INCORPORATES A LOAD SENSE FEATURE TO MEASURE THE SIDE LOADS APPLIED TO THE BOOM.
-BOOM TIP MOUNTED WINCH - THE 15,000 LBS BARE DRUM CAPACITY WINCH IS MOUNTED AT THE INTERMEDIATE BOOM TIP. SYSTEM INCLUDES SELF-LOCKING WORM GEARBOX AND HYDRAULIC HOLDING VALVE
-HYDRAULIC OVERLOAD PROTECTION - THE OVERLOAD PROTECTION IS PURELY HYDRAULIC AND USES NO ELECTRONICS OR ELECTRICAL COMPONENTS. THE SYSTEM SENSES THE BOOM LIFT CYLINDER PRESSURE AND SIDE LOADS AT THE ROTATION GEARBOX. WHEN AN OVERLOAD CONDITION IS DETECTED, THE SYSTEM DISABLES THE FOLLOWING: DIGGER DIG, WINCH RAISE, BOOM LOWER, UPPER BOOM EXTEND, AND INTERMEDIATE BOOM EXTEND.
-CONTINUOUS ROTATION - ROTATION IS CONTINUOUS AND UNRESTRICTED IN EITHER DIRECTION.
-PINS, BEARINGS, AND LUBRICATION - THE MAIN PIVOT AND CYLINDER JOINTS USE HIGH STRENGTH HARD CHROME PLATED STEEL PINS WITH FIBERGLASS REINFORCED TEFLON NON-LUBE BEARINGS.
-HYDRAULIC SYSTEM - OPEN CENTER TANDEM SYSTEM PROVIDES 40 GPM FOR THE DIGGER AND WINCH CIRCUIT AND 15 GPM FOR THE BOOM FUNCTIONS. THE DIGGER/WINCH CIRCUIT OPERATES AT 2300 PSI AND THE BOOM CIRCUIT OPERATES AT 2600 PSI.

\*\*\* CONTINUED NEXT PAGE \*\*\*



METRO DETROIT  
51761 Danview Technology Ct.

Shelby Twp, MI 48315  
Ph: (586) 991-0054  
Fx: (586) 991-0074

Q U O T A T I O N  
=====  
Quote No. J30597

STATE REG NO: F151568

DEALER LICENSE NUMBER: B6542

Customer: 3554  
CITY OF DOWAGIAC  
241 S. FRONT ST.  
  
DOWAGIAC MI 49047

12/06/16: Quote Date  
: Expire Date  
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: Delivery

Contact: Phone: 734-676-0031 Fax:

- INSULATION - THE FIBERGLASS IS CERTIFIED FOR 46KV AND BELOW IN ACCORDANCE WITH ANSI A10.31 DIELECTRIC RATING REQUIREMENTS.
- 52 IN TALL PEDESTAL - THE PEDESTAL IS A FABRICATED STEEL STRUCTURE INCORPORATING A 1.5 THICK TOP PLATE WHICH IS MACHINED FLAT TO SUPPORT THE ROTATION BEARING.
- DIGGER/WINCH PRESSURE GAGE - PRESSURE GAGE ON THE LOWER CONTROL PANEL SENSES THE PRESSURE GENERATED WHILE USING THE DIGGER AND WINCH.
- BOOM PRESSURE GAGE - PRESSURE GAGE ON THE LOWER CONTROL PANEL SENSES THE PRESSURE GENERATED WHILE USING THE BOOM CONTROL VALVE.
- CUSTOM LOAD CAPACITY CHART
- ENGINE START/STOP CONTR THE LOWER CONTROLS.
- PAINTING - THE COMPLETE UNIT IS PRIMED AND PAINTED PRIOR TO ASSEMBLY. THE STANDARD COLOR IS WHITE URETHANE.
- MANUALS - TWO OPERATOR S MANUALS AND TWO SERVICE MANUALS ARE INCLUDED.
- TRANSFERABLE POLE GUIDE - CAN BE PINNED TO EITHER THE UPPER BOOM TIP OR THE INTERMEDIATE BOOM. THE POLE GUIDE INCLUDES HYDRAULIC TILT AND HYDRAULIC OPERATION OF THE POLE CLAWS. HOLDING VALVES ARE INCLUDED TO LOCK BOTH CYLINDERS IN POSITION.
- POLE GUIDE INTERLOCK - PREVENTS INNER BOOM FROM EXTENDING UNLESS EITHER OF THE FOLLOWING CONDITIONS IS SATISFIED: 1. THE POLE GUIDE TILT IS FULLY RAISED. 2. OR THE POLE GUIDE IS PROPERLY PINNED TO THE UPPER BOOM.
- WINCH LINE - 1 DIAMETER X 65 FT. STABLE BRAID
- SWIVEL HOOK- 10 TON RATED SWIVEL HOOK.
- DIGGER ASSEMBLY - CONSISTS OF THE DIGGER HANGER AND AUGER STOW BRACKET. THE DIGGER HANGER IS AUTOMATICALLY TRANSFERRED FROM THE LOWER BOOM TO THE INTERMEDIATE BOOM WHEN THE AUGER IS UNSTOWED. THE AUGER STOW BRACKET INCLUDES AN OVERSTOW PROTECTION VALVE.
- DIGGER DRIVES - TWO-SPEED DRIVE WITH 12000 FT-LB OUTPUT.
- AUGER STOW SLING - 3/8 DIAMETER WIRE ROPE.
- AUGER EXTENSION - 2-1/2 HEX X 72 LONG
- RIDING SEAT LOWER CONTROLS WITH SINGLE STICK - CONSISTS OF A TURNTABLE MOUNTED DECK, SEAT, AND CONTROL CONSOLE. INCLUDES FULL PRESSURE, FULL FLOW HYDRAULIC CONTROLS WITH A SINGLE HANDLE JOYSTICK FOR BOOM RAISE-LOWER, ROTATE, AND INTERMEDIATE BOOM EXTEND-RETRACT. ADDITIONAL HYDRAULIC VALVE LEVERS ARE INCLUDED TO CONTROL WINCH, DIG, UPPER BOOM EXTEND, POLE GUIDE TILT, AND POLE CLAW OPEN-CLOSE
- PANEL LIGHT - TWO 12VDC LIGHTS HELP ILLUMINATE THE LOWER CONTROL PANEL.
- HYDRAULIC TOOLS AT BASE - CONSISTS OF A SHIP-LOOSE HYDRAULIC TOOL SELECTOR



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VALVE AND A FLOW/PRESSURE CONTROL VALVE. THE TOOL PRESSURE CAN BE ADJUSTED FROM 750 TO 2500 PSI AND THE PRESSURE COMPENSATED FLOW CONTROL CAN BE ADJUSTED FROM 0 TO 8 GPM.

-SUB-FRAME - THE FULL LENGTH SUBFRAME IS CONSTRUCTED OF 6 X 6 SQUARE TUBING AND 5/16 PLATE. THE PEDESTAL MOUNTS ABOVE THE SUBFRAME ALLOWING FOR POSSUM BELLY STORAGE. SHEAR PLATES ARE PROVIDED TO ATTACH TO THE VEHICLE FRAME.

-MAIN A-FRAME OUTRIGGERS - A-FRAME OUTRIGGERS ARE DESIGNED AND CONSTRUCTED FROM HIGH-STRENGTH STEEL. AT MAXIMUM EXTENSION THE OUTRIGGERS PROVIDE 158 (4.0 M) OF SPREAD AND 7.9 OF PENETRATION BASED ON A 40 (1.02 M) FRAME HEIGHT. OUTRIGGERS ARE EQUIPPED WITH PILOT OPERATED CHECK VALVES, INTERNAL THERMAL RELIEF VALVES, AND SEPARATE OPERATING CONTROLS FOR EACH OUTRIGGER. SLIDE PADS AT EACH LEG ENSURE SMOOTH OPERATION. THE STANDARD PIVOT FEET SWIVEL A MINIMUM OF 100 EACH WAY.

-AUXILIARY A-FRAME OUTRIGGERS - A-FRAME OUTRIGGERS ARE DESIGNED AND CONSTRUCTED FROM HIGH-STRENGTH STEEL. AT MAXIMUM EXTENSION THE OUTRIGGERS PROVIDE 147.5 (4.0 M) OF SPREAD AND 6.1 OF PENETRATION BASED ON A 40 (1.02 M) FRAME HEIGHT. OUTRIGGERS ARE EQUIPPED WITH PILOT OPERATED CHECK VALVES, INTERNAL THERMAL RELIEF VALVES, AND SEPARATE OPERATING CONTROLS FOR EACH OUTRIGGER. SLIDE PADS AT EACH LEG ENSURE SMOOTH OPERATION. THE STANDARD PIVOT FEET SWIVEL A MINIMUM OF 100 EACH WAY.

-HYDRAULIC PUMP - TANDEM GEAR PUMP SUPPLIES 15 AND 25 GPM, WHICH COMBINE FOR 40 GPM.

-OIL RESERVOIR - 50 GALLON BULKHEAD MOUNT RESERVOIR. INCLUDES CLEANOUT, 10 MICRON RETURN FILTER THAT CAN BE REPLACED WITHOUT DRAINING THE RESERVOIR, DIPSTICK, 100 MESH (149 MICRON) SUCTION SCREEN, GATE VALVE, AND MAGNETIC DRAIN PLUG.

-THROTTLE CONTROL - VARIABLE SPEED FOOT OPERATED PEDAL USED TO CONTROL THE ENGINE SPEED FROM THE LOWER CONTROL STATIO

\*\*\*\*\*-ONE POLE RACK WITH 4 TIE DOWN MOUNTS PER MICHIGAN SPECIFICATIONS\*\*\*\*\*

1)2015 FORD F-750 4X2 CAB AND CHASSIS

-CUMMINS ISB 260 HP DIESEL ENGINE

-ALLISON 3500 RDS AUTOMATIC TRANSMISSION

-33,000 LB. GVWR: 13,200 LB. FRONT GAWR AND 21,000 LB. REAR GAWR

-22.5X8.25 PAINTED STEEL DISC WHEELS WITH 11R22.5 CONTINENTAL TIRES.

-120 INCH C.A.

-ENGINE BLOCK HEATER WITH SOCKET LOCATED BELOW DRIVER S DOOR

-AIR BRAKE SYSTEM



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- BACK UP ALARM
- AIR CONDITIONING
- AM/FM RADIO
- PAINTED OXFORD WHITE

- 1) DAKOTA BODIES INC FLATBED AND TRANSVERSE COMPARTMENT BOX TO INCLUDE THE FOLLOWING:
- 132 LONG X 96 WIDE FLATBED WITH 12 GA. HOT ROLLED TREAD PLATE FLOOR WITH EXTERIOR STAKE POCKETS INSTALLED.
  - CURBSIDE ACCESS (24 IN. W) W/GRIPSTRUCT ACCESS STEPS TO BED AREA W/CABLE STEP
  - FOUR (4) OUTRIGGER PAD HOLDERS
  - GRAB HANDLE AND ACCESS STEP AT REAR
  - 94 WIDE 7-LAMP LIGHT BAR INSTALLED AT REAR OF TAIL SHELF
  - RUBBER MOUNTED RECESSED LED REAR LIGHTING KIT WITH HARNESS
  - 48 LONG X 60 HIGH X 96 WIDE TRANSVERSE COMPARTMENT WITH THE FOLLOWING:
  - STAINLESS STEEL TWO POINT AUTOMOTIVE PADDLE LATCH WITH NEW ROTARY DOOR LATCH
  - CHAIN STOPS ON ALL DOORS
  - AUTOMOTIVE BULB TYPE WEATHER STRIPPING
  - BARN TYPE COMPARTMENT DOORS
  - THREE (3) TRANSVERSE DRAWERS ON CURBSIDE

- INSTALLATION TO INCLUDE THE FOLLOWING:
- INSTALL VERSALIFT TMD2047B DIGGER DERRICK, MOUNTING HARDWARE, PTO AND PUMP.
  - INSTALL DAKOTA BODIES INC. FLATBED AND TRANSVERSE BOX.
  - PAINT FLATBED BLACK AND NON-SKID, PAINT TRANSVERSE BOX TO MATCH CAB& CHASSIS
  - INSTALL BOOM REST ON FRONT OUTRIGGERS WITH STROBE BEACONS
  - INSTALL ACCESS LADDER, PLATFORM REST, PARK BRAKE INTERLOCK SYSTEM&MUD FLAPS
  - INSTALL BP-100 BUYERS PINTLE HITCH, REINFORCEMENTS, D RINGS, SIX AND SEVEN PRONG TRAILER PLUGS.
  - INSTALL 3-POINT GROUNDING SYSTEM
  - INSTALL SPRING LOADED GROUNDING REEL WITH NO CABLE.
  - RELOCATE GLAD HANDS TO REAR OF CHASSIS
  - FURNISH WHEEL CHOCKS, OUTRIGGER PADS, FIRE EXTINGUISHER AND 3-PIECE TRIANGLE REFLECTOR KIT
  - TEST RIDE COMPLETED UNIT FOR 1 HOUR.
  - TEST AND CERTIFY PER ANSI A92.2.



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\*\*\*\*\*GREENLEE HYDRAULIC POLE TAMPER\*\*\*\*\*  
\*\*\*\*\*25' HYDRAULIC DUAL LINE 1/2" HOSE W/ REEL\*\*\*\*\*  
\*\*\*\*\*STOW HEIGHT ON THIS UNIT IS 11'10"\*\*\*\*\*  
\*\*\*\*\*TRUCK HAS LESS THAN 1,500 MILES AND 30 HOURS\*\*\*\*\*

TOTAL PRICE.....\$201,721.00  
PRICE INCLUDES FRIEGHT TO CITY OF DOWAGIAC

YEAR END SPECIAL, IF COMMITMENT BEFORE 12/23/2016.....,\$186,721.00

THANK YOU  
JOHN WILLERER  
CANNON SALES

QUOTE ACCEPTED AS AN ORDER \_\_\_\_\_ DATE \_\_\_\_\_ TRUCK INFO: \_\_\_\_\_

GOODS ARE SOLD ONLY WITH SUCH WARRANTIES AS MAY BE EXTENDED BY MANUFACTURER OF THE PRODUCT. WE MAKE NO OTHER WARRANTY & THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY



December 9, 2016  
Our 87th Year

**Ship To:**  
CITY OF DOWAGIAC  
ALTEC INDIANA SERVICE CENTER  
5201 W 84TH ST  
INDIANAPOLIS, IN 46268  
US

**Bill To:**  
CITY OF DOWAGIAC  
PO BOX 430  
DOWAGIAC, MI 49047-0000  
United States

Attn:  
Phone: 269-591-5821  
Email:

**Altec Quotation Number:** 346698 - 1  
**Account Manager:** Andrew M Johnson  
**Technical Sales & Support:** Tyler Scott Hardie

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
1.	ALTEC Model DM47B; 47 foot Digger Derrick with hydraulic extending full capacity intermediate and upper booms. Built in accordance with standard specifications and to include the following features:  A. Pole Setting Sheave Height: 46.4 feet B. Maximum Horizontal Reach from centerline of rotation: 37.0 feet C. Digging Radius from centerline of rotation: 17.9 to 26.7 feet D. Lift Capacity at 10 Ft. Radius: 12,340 lbs. (Without optional equipment installed). See complete load chart for capacities with installed options. E. Boom Articulation: -20 to 80 degrees F. Continuous Rotation with high capacity worm gear drive gearbox G. Insulated, 46 KV and below H. Hydraulic Overload Protection (HOP) System: activates when the unit is exposed to an overload condition. System prevents actuation of all functions that could increase the overload condition. System automatically resets when overload condition is relieved. Overload protected functions include: - Boom Lower - Intermediate Boom Extend - Third Stage Boom Extend - Winch Raise - Digger Dig I. Load Indicator Gauge: located at the main control panel, displays the percentage of total allowable lifting capacity being utilized. By use of this gauge, the operator is aware of the hydraulic and structural design rating of the derrick and proximity to the limits during operation. J. Electronic Controls: Intuitive electronic controls with superior metering. Includes a diagnostic port which by connecting a handheld service tool, provides troubleshooting code readouts and the ability to calibrate function speeds and control sensitivity. Electric controls eliminate the risk of high pressure hose leaks near the operator and leak points are minimized throughout the machine.	1	

We Wish To Thank You For Giving Us The Pleasure  
And Opportunity of Serving You

UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
K.	Manual override of electronically controlled boom, winch, and digger functions at the main control valve		
L.	Standard/Low Speed Selector: Allows operator to select standard or low function speed operation. When in standard mode, each function operates at normal speeds. When in low speed, the maximum operational speed of each function is slower providing finer feathering capability. The function is separate from engine throttle control.		
M.	Remote Control Retrofittable: Control system includes single quick connect plug for quick and easy installation of radio remote control system in the field upon request (if not already equipped).		
N.	Proportional Hydraulic Control System: Closed Center Hydraulic control valve for boom, winch, and digger functions are operated and controlled by a proportional pilot system which provides full metering and feathering characteristics.		
O.	Hydraulic System: Closed Center hydraulic system with maximum flow of 43 gpm for simultaneous operation of multiple functions. Flow is provided by a variable displacement, pressure compensated, piston pump. This 'flow on demand' system optimizes the overall system efficiency. System is designed with compensators in each valve section for smooth transitions between functions. Maximum system pressure is 3000 psi. Because flow is provided by a single source (piston pump), maximum flow is available to any combination of functions including simultaneous operation of the boom and digger/winch functions and flow combining is not necessary.		
P.	Fiberglass hydraulic upper boom and boom tip with provision for platform attachment.		
Q.	Transferable Hydraulic Pole Guides and Steel Boom Flares at the boom tip with adjustable alignment guides. Pole guides are hydraulically powered for open, close, and tilt.		
R.	Pole Guide Tilt Interlock: Prevents the upper boom from extending when the transferable guides are attached to the intermediate boom until the proximity sensors detect that the guides are tilted all the way up and out of the way.		
S.	Bearings: All extending booms utilize self lubricating, low friction, slide bearings.		
T.	Boom Stow Protection System: A proximity switch on main boom detects the boom support as the boom is being stored and limits the boom down function to avoid excessive down force into the stow.		
U.	Auger Stow Protection: Limits the upward travel of the auger as it reaches the top of the auger stow latch to prevent an overstow condition.		
V.	Two-part load line attachment point on the intermediate boom		
W.	Unit is painted with a powder coat paint process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion.		
X.	Structural Warranty: all of the following applicable major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables.		
Y.	Manuals: Two (2) operator and Maintenance/Parts manuals		
2.	Rear mount pedestal	1	
3.	Rear Mount - Traditional Control Seat, installed on curb side of turntable, includes single control station	1	
4.	Turntable Mounted Winch	1	
5.	Winch: Normal Speed with 15,000 lbs. bare drum capacity.	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
6.	Digger, Two-Speed Mechanical Shift, 12,000 ft-lbs. Includes a rapid reversing shake feature for quick and convenient cleaning of dirt from the auger and all of the components necessary to operate digger, installed.	1	
7.	2.50 in Hex Output Shaft With 2.50 in Hex Extension Shaft	1	
8.	Digger Storage: located on the Street Side (Normal) (NOTE: for behind the cab mount derricks, the digger will be located on the curbside)  Nylon auger wind up strap included.	1	
9.	Derrick is Not Rated for Platform Use: Unit is designed and tested for use only as a digger derrick.	1	
10.	Standard Hydraulic Side Load Protection: relieves overload conditions by allowing rotation system to back drive.	1	
11.	Code 450 Outriggers, A-frame, folding shoe, 153 maximum spread, for use as auxiliary or primary outriggers  <ul style="list-style-type: none"> <li>A. Maximum Spread: 153 inches measured from centerline of shoe pins</li> <li>B. Penetration at maximum extension: 6.5 inches (for standard installation on a 40 inch frame height)</li> <li>C. Standard Shoe Dimensions: 14 x 15.25 inches</li> <li>D. Hydraulic Outrigger Control Valves</li> <li>E. Outrigger/Unit Selector Control: Reduces the potential for inadvertent outrigger movement during machine operation if outrigger controls are bumped.</li> <li>F. Outrigger motion alarms</li> <li>G. Outrigger Interlocks: will not allow the unit to be operated until the outriggers have been at least partially deployed.</li> </ul>	1	
12.	450 - Outriggers, A-frame, folding shoe, 153 maximum spread, for use as auxiliary outriggers on all units or primary outriggers on select units, includes:  <ul style="list-style-type: none"> <li>A. Maximum Spread: 153 inches measured from centerline of shoe pins</li> <li>B. Penetration at maximum extension: 6.5 inches (for standard installation on a 40 inch frame height)</li> <li>C. Standard Shoe Dimensions: 14 x 15.25 inches</li> <li>D. Hydraulic Outrigger Control Valves</li> <li>E. Outrigger/Unit Selector Control: Reduces the potential for inadvertent outrigger movement during machine operation if outrigger controls are bumped.</li> <li>F. Outrigger motion alarms</li> <li>G. Outrigger Interlocks: Will not allow the unit to be operated until the outriggers have been at least partially deployed.</li> </ul>	1	
13.	Powder coat unit Altec White.	1	
<b><u>Unit &amp; Hydraulic Acc.</u></b>			
14.	Unit Installation Components.	1	
15.	Dirt Auger, 18" Dia., With 2-1/2" Hex X 104" Long	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
16.	Winch Rope For Turntable Winch	1	
17.	Load Line Swivel Hook, 8-1/2 Ton (Crosby)	1	
18.	Standard 1" Space between Subbase and frame for hose routing and ease of maintenance.	1	
19.	DL/DM Series Derrick Subbase (Rigid)	1	
20.	Subbase Storage With Drop Down Door (Paddle Latch) At Rear	1	
21.	Reservoir, 60 Gallon, (Altec Standard)	1	
22.	Hydraulic components needed when locating reservoir more than 86" from pump.	1	
23.	HVI-22 Hydraulic Oil (Standard).	65	
24.	Standard Pump For PTO	1	
25.	Hot shift PTO for automatic transmission	1	
26.	Muncie PTO (Altec Standard)	1	
27.	Standard PTO/Transmission Functionality for Automatic Transmissions - If chassis is in gear, and PTO switch is activated, PTO will not engage. Chassis will remain in gear. Once the chassis is shifted back into gear the PTO will disengage. For some truck configurations the PTO switch must be turned off to allow the transmission to shift into gear.	1	
28.	Spring Loaded Hose Reel, 50 FT Hose Capacity Located CS at rear. Payout to rear.	1	
29.	Install Tool Circuit For Hose Reel Installation, Below Rotation (Male Pressure, Female Return)	1	
30.	50' Non-Conductive Hose Kit, Orange, Includes Quick Disconnects and Dust Caps (Male Pressure, Female Return)	1	

**Body**

- |     |   |   |  |
|-----|---|---|--|
| 31. | 134 inch Flatbed, suitable for installing on any 4x2 chassis with an approximate CA dimension of 120 inches, built to the following specifications: | 1 |  |
| A.  | Basic flatbed fabricated from hot rolled steel.   |   |  |
| B.  | Possible contact edges are folded for safety.   |   |  |
| C.  | Steel treated for improved primer bond and rust resistance.   |   |  |
| D.  | Automotive undercoating applied to entire underside of flatbed.   |   |  |
| E.  | Primer applied to complete top side of flatbed.   |   |  |
| F.  | Finish paint flatbed Altec White at body manufacturer.  |   |  |
| G.  | All steel flatbed, 134 inches long x 96 inches wide.  |   |  |
| H.  | Floor made from 1/8 inch (12 gauge) thick treadplate.   |   |  |
| I.  | Frame built with 4 inch high structural channel.  |   |  |
| J.  | 3 inch high x 3/16 inch thick rail installed on sides and rear of flatbed, notched for drainage.  |   |  |
| K.  | Notched outside of rail for tire clearance.   |   |  |

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
L.	Gripstrut recessed access steps to cargo area. Includes one (1) U-shaped grab handle.		
M.	2 inch x 4 inch drop-in wooden cargo retaining board at top of side access steps.		
N.	Light channels and outrigger valve guards installed at rear		
32.	Altec Thru Box tool compartment 42 inches long x 46 inches high x 96 inches wide, with 18 inch deep curbside and streetside compartments, with the following compartmentation:	1	
A.	Basic body fabricated from A40 grade 100% zinc alloy steel.		
B.	All doors are full, double paneled, self-sealed with built-in drainage for maximum weather-tightness. Stainless steel hinge rods extend full length of door.		
C.	All doors are to contain stainless steel flush type, single point, two-stage rotary paddle latches with recessed handles, including keyed locks and strikers. door latches are bolted to the outer door panel.		
D.	Heavy-gauge welded steel frame construction with structural channel crossmembers and tread plate floor.		
E.	All edges are either rolled or folded for strength and safety.		
F.	Integrated door header drip rail at top for maximum weather protection.		
G.	Steel treated for improved primer bond and rust resistance.		
H.	White primer applied to complete interior and exterior of T-box.		
I.	Automotive type non-porous door seals mechanically fastened to the door facing.		
J.	42 inch overall T-box length.		
K.	96 inch overall T-box width.		
L.	46 inch overall T-box height.		
M.	18 inch T-box compartment depth.		
N.	T-box finish paint color - Altec White.		
O.	Finish paint T-box at body manufacturer.		
P.	Gas shock type rigid door holders for vertical doors.		
Q.	Standard master body locking system.		
R.	1st vertical streetside (LH) - One (1) plain fixed through shelf that extends to the curbside.		
S.	1st vertical streetside (LH) - Four (4) locking swivel hooks on adjustable rails. 2-0-2 configuration.		
T.	2nd vertical streetside (LH) - Compartment open to the curbside.		
U.	2nd vertical streetside (LH) - Four (4) locking swivel hooks on adjustable rails. 2-0-2 configuration.		
V.	1st vertical curbside (RH) - One (1) plain fixed through shelf that extends to the streetside.		
W.	1st vertical curbside (RH) - Four (4) locking swivel hooks on adjustable rails. 2-0-2 configuration.		
X.	2nd vertical curbside (RH) - Compartment open to the streetside.		
Y.	2nd vertical curbside (RH) - Three (3) adjustable shelves with removable dividers on 4 inch centers.		
Z.	4 inch high punched-metal retainer rail installed on front and both sides of T-box compartment top.		
AA.	One (1) sloped grab handle installed at rear vertical on curbside.		

**Body and Chassis Accessories**

33.	ICC (Underride Protection) Bumper Installed At Rear	1	
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UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
34.	T-125 Style Pintle Hitch (30,000 LB MGTW with 6,000 LB MVL)	1	
35.	Set Of Eye Bolts for Trailer Safety Chain, installed one each side of towing device mount.	1	
36.	Glad Hands At Rear, Straight Type	1	
37.	Rigid Step Mounted Beneath Side Access Steps (Installed To Extend Approx. 2" Outward)	1	
38.	Riding Seat Access Step (For Derricks)	1	
39.	Lower Boom Rest Weldment	1	
40.	Mounting Brackets for Lights, Located on Lower Boom Rest	1	
41.	Outrigger Pad Holder, 25" L x 25" W x 5" H, Fits 24.5" x 24.5" x 4" And Smaller Pads, Bolt-On, Bottom Washout Holes, 3/4" Lip Retainer	4	
42.	Pendulum Retainers For Outrigger Pad Holders	4	
43.	Mud Flaps With Altec Logo (Pair)	1	
44.	Wheel Chocks, Rubber with Metal Hairpin Style Handle, 9.75" L X 7.75" W X 5.00" H (Pair)	1	
45.	Wheel Chock Holders (Pair), For Installation Under Flatbed Or Dump Body	1	
46.	Dock Bumpers (Pair), Fixed Mounting (Rectangular Bumper), Installed At Rear	1	
47.	Slope Indicator Assembly For Machine With Outriggers	1	
48.	Wood Outrigger Pad, 24" x 24" x 2.5", with Rope Handle	4	
49.	Triangular Reflector Kit, Installed	1	
50.	5 LB Fire Extinguisher With Light Duty Bracket, Installed Per DEPS 042 (In Cab or Inside Compartment Only)	1	
51.	Vinyl manual pouch for storage of all operator and parts manuals	1	
<b><u>Electrical Accessories</u></b>			
52.	Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)	1	
53.	Altec Standard Amber LED Strobe Light with Brush Guard Located on boomstow. One each side.	2	
54.	Dual Tone Back-Up With Outrigger Motion Alarm	1	
55.	Altec Standard Multi-Point Grounding System	6	
56.	Copper U Shaped Grounding Lug (Threaded) Located CS front and rear.	2	

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And Opportunity of Serving You

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
57.	7-Way Trailer Receptacle (Pin Type) Installed At Rear	1	
58.	Relocate Trailer Receptacle Supplied With Chassis	1	
59.	Electric Trailer Brake Controller (Kelsey Hayes #81741)	1	
60.	PreWire Power Distribution Module (Includes Operators Manual)	1	
61.	Altec Modular Panel System (AMPS) - Includes Mounting Panel and Accessory Switches	1	

**Finishing Details**

62.	Powder Coat Unit Altec White	1	
63.	Finish Paint Body Accessories Above Body Floor Altec White	1	
64.	Altec Standard; Components mounted below frame rail shall be coated black by Altec. i.e. step bumpers, steps, frame extension, pintle hook mount, dock bumper mounts, D-rings, receiver tubes, accessory mounts, light brackets, under-ride protection, etc. Components mounted to under side of body shall be coated black by Altec. i.e. Wheel chock holders, mud flap brackets, pad carriers, boxes, lighting brackets, steps, and ladders.	1	
65.	Apply Non-Skid Coating to all walking surfaces	1	
66.	English Safety And Instructional Decals	1	
67.	Vehicle Height Placard - Installed In Cab	1	
68.	Placard, HVI-22 Hydraulic Oil	1	
69.	Dielectric test unit according to ANSI requirements.	1	
70.	Stability test unit according to ANSI requirements.	1	
71.	Focus Factory Build	1	
72.	Delivery Of Completed Unit	1	
73.	Inbound Freight	1	
74.	DM47B-TR RS, No Uppers, T-Box/Flatbed, Differential Lock, Freightliner M-2, 4x2, Automatic Transmission	1	
75.	Stock Unit	1	

**Chassis**

76.	Altec Supplied Chassis	1	
77.	2017 Model Year	1	
78.	Freightliner M2-106	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
79.	4x2	1	
80.	120 Clear CA (Round To Next Whole Number)	1	
81.	Regular Cab	1	
82.	Chassis Cab	1	
83.	Chassis Color - White	1	
84.	Chassis Wheelbase Length - 190	1	
85.	Cummins ISB	1	
86.	250 HP Engine Rating	1	
87.	Allison 3500 RDS Automatic Transmission	1	
88.	GVWR 33,000 LBS	1	
89.	13,000 LBS Front GAWR	1	
90.	20,000 LBS Rear GAWR	1	
91.	11R22.5 Front Tire	1	
92.	11R22.5 Rear Tire	1	
93.	Air Brakes	1	
94.	Park Brake In Rear Wheels	1	
95.	016-1C3 - Freightliner Horizontal Exhaust (Right-Horizontal-Under Cab-Horizontal)	1	
96.	Freightliner - Clear Area Around Allison PTO Openings (362-1Y0) and (363-011)	1	
97.	Freightliner - Rear Cab Crossmember Flush With Back Of Cab (561-010)	1	
98.	Freightliner PTO Throttle Wiring for Automatic Transmission (163-004) (148-074) (87L-003)	1	
99.	Freightliner/Allison Body Builder Connection (34C-001)	1	
100.	Freightliner - Pre-Wire Chassis with Cab Backwall Pass-Thru (33U-001)	1	
101.	No Idle Engine Shut-Down Required	1	
102.	204-215 Freightliner 50 Gallon Fuel Tank (Left Hand Under Cab)	1	
103.	Driver Controlled Locking Differential	1	
104.	Glad Hands	1	

**Additional Pricing**

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
105.	Standard Altec Warranty: One (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty	1	
			<b>Unit / Body / Chassis Total</b>
			<b>176,538.00</b>
			<b>FET Total</b>
			<b>0.00</b>
			<b>Total</b>
			<b>176,538.00</b>

**Altec Industries, Inc.**

BY \_\_\_\_\_

Tyler Scott Hardie

**Notes:**

- 1 Optional Equipment:
  - 2 Post Pole Rack - \$4,850
  - 4 Post Pole Rack - \$13,500
  - 3' Stanley Hydraulic Tamper - \$1,555.83

- 2 Altec Standard Warranty:
  - One (1) year parts warranty.
  - One (1) year labor warranty.
  - Ninety (90) days warranty for travel charges.

Warranty on structural integrity of the following major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables.

Altec is to supply a self-directed, computer based training (CBT) program. This program will provide basic instruction in the safe operation of this aerial device. This program will also include and explain ANSI and OSHA requirements related to the proper use and operation of this unit.

Altec offers its standard limited warranty with the Altec supplied components which make up the Altec Unit and its installation, but expressly disclaims any and all warranties, liabilities, and responsibilities, including any implied warranties of fitness for a particular purpose and merchantability, for any customer supplied parts

Altec designs and manufactures to applicable Federal Motor Vehicle Safety and DOT standards

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UTILITY EQUIPMENT AND BODIES SINCE 1929

- 3 Unless otherwise noted, all measurements used in this quote are based on a 40 inch (1016mm) chassis frame height and standard cab height for standard configurations.
- 4 Altec Extended Warranty Option:
- Labor/Material/Expense for 1 Year. Price to be quoted
- An Altec Extended Warranty is an extension of Altec's Limited Warranty, that protects you from the repair cost associated with defects of materials and workmanship beyond the first year of ownership.
- A number of packages are available and can be quoted upon request.
- 5 F.O.B. - Customer Site
- 6 Changes made to this order may affect whether or not this vehicle is subject to F.E.T. A review will be made at the time of invoicing and any applicable F.E.T. will be added to the invoice amount.
- 7 Price does not reflect any local, state or Federal Excise Taxes (F.E.T). The quote also does not reflect any local title or licensing fees. All appropriate taxes will be added to the final price in accordance with regulations in effect at time of invoicing.
- 8 Interest charge of 1/2% per month to be added for late payment.
- 9 Delivery: Contingent on availability of selected stock unit(s).
- 10 Trade-in offer is conditional upon equipment being maintained to DOT (Department of Transportation) operating and safety standards. This will include, but is not limited to tires, lights, brakes, glass, etc. All equipment, i.e., jibs, winches, pintle hooks, trailer connectors, etc., are to remain with unit unless otherwise agreed upon in writing by both parties. ALTEC Industries reserves the right to re-negotiate its trade-in offer if these conditions are not met.
- All reasonable and necessary expenses required of ALTEC Industries to execute transportation of the trade-in will be invoiced to the customer for payment if these conditions are not met to maintain DOT standards.
- Customer may exercise the option to rescind this agreement in writing within sixty (60) days after receipt of purchase order. After that time ALTEC Industries will expect receipt of trade-in vehicle upon delivery of new equipment as part of the terms of the purchase order unless other arrangements have been made.
- 11 This quotation is valid until FEB 17, 2017. After this date, please contact Altec Industries, Inc. for a possible extension.
- 12 After the initial warranty period, Altec Industries, Inc. offers mobile service units, in-shop service and same day parts shipments on most parts from service locations nationwide at an additional competitive labor and parts rate. Call 877-GO-ALTEC for all of your Parts and Service needs.
- 13 Please email Altec Capital at [finance@altec.com](mailto:finance@altec.com) or call 888-408-8148 for a lease quote today.
- 14 Please direct all questions to Andrew M Johnson at (816) 364-2244





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REGENTON

## *CITY OF DOWAGIAC*

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**MEMO TO:** Mayor Lyons and City Council Members

**FROM:** Kevin P. Anderson, City Manager

**DATE:** December 9, 2016

**SUBJECT:** Orphan Train Mural Project

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In July 2016 Council approved an application for a Michigan humanities Council grant in the amount of \$12,100. Since that time the amount available has increased to \$14,725. Below is the background info shared with Council at the July 25, 2016 meeting:

*Steve Arsenau, Museum Director, has been working with local artist Ruth Andrews about the possibility of a mural project to commemorate Dowagiac's history with the orphan train. A committee was formed to review design and potential funding sources. The proposed mural is planned for the post office retaining wall facing Pennsylvania Avenue.*

*The committee has found that the Michigan Humanities Council has a grant opportunity that may work for this project and it is best that the grant applicant be the City of Dowagiac.*

*A resolution is on Monday's agenda to authorize Steve Arseneau to apply for a grant on behalf of the city for this mural project.*

### RECOMMENDATION

Authorize the resolution to revise the for a Michigan humanities Council grant to \$14,725.

#### Support Documents:

- Cover Memo-City Mgr.
- Cover Memo-Dept Head
- Resolution

## Memorandum

To: Kevin Anderson, City Manager  
From: Steve Arseneau, Museum Director  
Date: July 20, 2016  
Re: Orphan Train project grant

In early 2016, local artist Ruth Andrews approached me about painting a mural in Dowagiac to commemorate Dowagiac's history with the Orphan Train (Dowagiac was the first stop of the Orphan Train in 1854). I had worked with Ms. Andrews on a similar project that resulted in a Kentucky Raid/Underground Railroad mural in downtown Cassopolis and recognized the potential benefits for the City of Dowagiac.

Together with Marty Kezar, who also worked on the Kentucky Raid project, we selected the Post Office wall along Pennsylvania Street. We put together a committee of other Cass County residents to work on the feasibility of the project, including Bobbie Jo Hartline and Leah Sovine, the Dowagiac Postmaster until this summer.

The committee hopes to fund the project with a grant from the Michigan Humanities Council and have expanded the project to include additional programming and events to make the project appealing to multiple generations. The project's components include:

- Mural along Pennsylvania Street highlighting the history of the Orphan Train in Dowagiac. This will be a community-wide event with local residents actually executing some of the painting.
- Rider's Reunion for descendants of Orphan Train riders
- Designing a website highlighting the project and Dowagiac's important history as the first Orphan Train stop
- Youth Voices event, including music, theater and a storyteller

Ms. Sovine worked with her United States Postal Service regional managers and secured approval to use that wall for a mural. Ms. Sovine and the current Dowagiac Postmaster are both excited about the project. With the work being done on the Commercial Street entry corridor, this will complement that project.

The committee is in the process of applying for the grant from the Michigan Humanities Council in the amount of \$12,100. I request permission from City Council for the museum to pursue the grant as the applicant with the City of Dowagiac administering the grant and serving as the fiscal agent if awarded.

Councilmember \_\_\_\_\_ offered and moved the adoption of the following resolution;  
seconded by Councilmember \_\_\_\_\_.

WHEREAS, the City Council of the City of Dowagiac are committed to quality public art in the public spaces and;

WHEREAS, a committee has been working to develop a mural based on the City of Dowagiac's history with the orphan train and;

WHEREAS, on July 25, 2016 Council authorized submission of a grant in the amount of \$12,100 and need to revise the authorized amount of the grant to \$14,725, and;

NOW, THEREFORE, BE IT RESOLVED that the City of Dowagiac, by the affirmative vote of its City Council, does hereby authorize Steve Arseneau to execute a grant application with the Michigan Humanities Council for a mural project commemorating Dowagiac's history with the Orphan Train for the revised amount of \$14,725.

ADOPTED/REJECTED

Councilmember \_\_\_\_\_ offered and moved the adoption of the following resolution; seconded by Councilmember \_\_\_\_\_.

**WHEREAS,** the following information has been reviewed by the City Manager and City Treasurer and is being presented to City Council with a recommendation to approve invoices and payroll #5 for the period ending 12/09/16

Invoices -	\$643,116.57
Payroll #5	\$114,992.54
	<hr/>
Total	\$758,109.11

**BE IT RESOLVED** that the City Manager and City Treasurer are hereby authorized and directed to pay the following bills and payroll due:

<u>BILLS</u>	<u>PAYROLL</u>	<u>TOTAL</u>
\$643,116.57	\$114,992.54	\$758,109.11

Ayes:

Nays:

Absent:

Abstain:

Jane P. Wilson, City Clerk

Vendor		Description	Amount
ABSOPURE WATER COMPANY	56018885	H & C COOLER RENTAL - CH	8.00
ABSOPURE WATER COMPANY	86208217	BOTTLED WATER - 26461 NUBOUR	64.50
ACCOUNTING CONSULTANTS, PC	3083	CONSULTING SVC THROUGH 11/30/16	110.00
ACD.NET	88889-122	MONTHLY PHONE SERVICE - CH	1,198.70
AIRGAS GREAT LAKES	9940656722	WELDING SUPPLIES	69.03
ALTEC NUECO	50053691	#4 - REPLACE BODY/PM INSP/DIELECTRIC	53,737.30
AMERICAN ELECTRIC POWER	048-197-857-0-2	ST LIGHTS - MARCELLUS HWY	12.32
AMERICAN ELECTRIC POWER	CDOW_201611_01	NOV 2016 ENERGY	410,895.10
ANDERSON, KEVIN	12/2/16	ANNUAL LIFE INS PAYMENT REIMBURSEMENT	1,140.00
AUSRA EXCAVATING LLC	24	DIRT & GRADING - 309 W DIVISION	650.00
AUSRA EXCAVATING LLC	26	GRADING WORK AT GOERLICH SITE	1,900.00
AUTO VALUE	377-16864	IMPACT WRENCH	145.59
AUTO VALUE	377-17001	FUNNELS/LIGHTING	26.35
BAZAN, STACEY	11/28/16	TX REIMBURSEMENT (10/26 - 11/25/16)	60.00
BILL GRANT	12/8/16	NOVEMBER JANITORIAL	204.00
BOOTH'S COUNTRY FLORIST	12/5/16	PINE ARRGs FOR COMMERCIAL ST DEDICATION	120.00
BOOTH'S COUNTRY FLORIST	11/10/16	VELVET BOWS - CHRISTMAS DECORATIONS	160.00
BRADFORD, JARRID	287248950627	CELL PHONE REIMBURSEMENT 10/7 - 11/06/16	60.00
CAGNEY, MARY	11/28/16	ELECTION SERVICE	43.75
CASS CNTY TRANSPORTATION AUTHORITY	1943	CONTRACTED SERVICES-NOVEMBER 2016	14,576.48
CASS COUNTY COUNCIL ON AGING	12/6/16	HONOR SHERIFF JOE UNDERWOOD RETIREMENT -	250.00
CINTAS LOCATION #336	336-01904	MATS & UNIFORMS	906.33
CINTAS LOCATION #336	336-01904	MATS	97.62
CINTAS LOCATION #336	336-01904	MATS & UNIFORMS	535.60
COMMUNITY ANSWERING SERVICE	2628120516	DISPATCHING SERVICES	149.10
CREDITORS SERVICE BUREAU	010870	COLLECTION BUREAU FEES	38.71
DETROIT INDUSTRIAL TOOL	544501	CONCRETE SAW BLADES	1,265.45
DOBBERTEN INSPECTIONS INC	11/30/16	PLUMBING INSP NOV 2016	489.20
DOUBLEDAY OFFICE PRODUCTS, INC	09479	CALENDARS	17.31
DOWAGIAC UNION SCHOOLS	201617-123	FUEL EXPENSES-NOV 2016	4,842.01
EAU CLAIRE FRUIT EXCHANGE	705377	WEED CONTROL - WWTP	45.00
ENJOYMENT IMAGE PUBLICATIONS	00002802	CHRISTMAS CARDS	271.61
ETNA SUPPLY	S102021439.001	CURB STOP BOX TOP SECTIONS W/LIDS	197.50
FERGUSON WATERWORKS, INC. #1934	0073473	STRAW BLANKET - 309 W DIVISION ST	455.60
FRONTIER	23118907970401035	PHONE SERVICE 10/20 - 11/19/16	707.16
GLOBAL TELEMATIC SOLUTIONS, LLC	26004	VEHICLE TRACKING SERVICE	490.00
GRAMES TIRE & BATTERY, INC	5894	#101 - TIRE REPAIR	18.95
HAAS ALARMS AND SERVICE, INC	3671	ALARM SYSTEM BATTERY	48.50
HAGGIN FORD & MERCURY INC	12/02/16	FEED THE HUNGRY DECAL ADVERTISING	150.00
HAGGIN FORD & MERCURY INC	11456	#104 - RELAY	21.77
HAGGIN FORD & MERCURY INC	11866	PD VEH #132 OIL CHANGE	51.24
HALE'S HARDWARE, INC	D129772	HOOKS - KEYS	7.75
HALE'S HARDWARE, INC	C190289	HOSE CONNECTOR	1.45
HALE'S HARDWARE, INC	10118312	BATTERIES	7.98
HALE'S HARDWARE, INC	10119160	CANNED AIR	7.99
HALE'S HARDWARE, INC	B122834	CHRISTMAS LIGHTS FOR TRUCKS IN PARADE	63.24
HALE'S HARDWARE, INC	C191032	SHOVEL/FLASHLIGHTS	91.00
HALE'S HARDWARE, INC	C191045	FLASHLIGHT	29.99
HALE'S HARDWARE, INC	B121678	SAFETY PAINT FOR TRIP HAZARD	4.65

Vendor		Description	Amount
HALE'S HARDWARE, INC	B121753	HOSE CLAMPS FOR CLARIFIER REPAIRS	10.16
HALE'S HARDWARE, INC	C191199	SUPPLIES	12.98
HALE'S HARDWARE, INC	A105024	LIGHT BULBS	27.62
HALE'S HARDWARE, INC	D127176	TRASH BAGS	22.78
HALE'S HARDWARE, INC	C187897	PRIMARY PUMP DRAINS	3.32
HALE'S HARDWARE, INC	C188936	TRASH PUMP OPERATIONS/HOSE CLAMPS	47.47
HALE'S HARDWARE, INC	C188039	REPAIR OF DRAIN SINK - ATTEMPTED	22.78
HALE'S HARDWARE, INC	D128748	CUTTERS	16.48
HANSON BEVERAGE SERVICE	787101	DISTILLED WATER	31.00
HANSON BEVERAGE SERVICE	800249	DISTILLED WATER	31.00
HARDIN, R. WAYNE	11/30/16	BUILDING INSP NOV 2016	871.00
INFRASTRUCTURE ALTERNATIVES, INC.	18218	WWTP MECHANICAL SVCS 10/16	1,750.00
INFRASTRUCTURE ALTERNATIVES, INC.	18267	OPERATIONS/MATERIALS - WWTP 10/16	517.45
INFRASTRUCTURE ALTERNATIVES, INC.	18268	SAW GRANT OPERATIONS/MATERIALS 10/16	330.00
INFRASTRUCTURE ALTERNATIVES, INC.	18324	WTP/WWTP - CONTRACT SVCS 11/16	8,100.00
INTERNET BUSINESS SOLUTIONS, INC.	17750	MONTHLY WEBSITE MTCE	39.95
J DOHENY SUPPLIES INC	A98977	PACP RECERTIFICATION TRAINING	1,350.00
JACK BROWN	0208	REIMBURSE SEWER RODDING AT 105 COURTLAND	225.00
JUDD LUMBER COMPANY, INC	1612-704160	REDI-MIX - SEWER REPAIR AT 434 CHESTNUT	12.75
JUDD LUMBER COMPANY, INC	1612-703936	WINDOWS - WWTP	488.00
JUDD LUMBER COMPANY, INC	1611-703324	KEYS FOR CITY HALL BLDG	3.98
KANDICE JACKSON	11/28/16	ELECTION SERVICE	43.75
KARASEK, MARY	11/28/16	ELECTION SERVICE	43.75
KEN SIMPSON	12/6/16	ELECTRICAL INSP NOV 2016	824.40
LARRY MELTON	0203	REIMBURSE SEWER RODDING AT 215 LESTER	225.00
LAWSON PRODUCTS, INC	9304529512	WIPES/TERMS/CLEANER/TAPE/CHUCK KEYS	308.32
LAYLIN WELDING, INC	0197	REIMBURSE SEWER RODDING AT 501 E PRAIRIE	225.00
LEADER PUBLICATIONS, INC	111332	MISC PUBLICATIONS	197.80
LEADER PUBLICATIONS, INC	110808	FALL SPORTS AD (ACCT 02405885)	119.00
MI COMMUNITY ACTION AGENCY ASSOC	11/30/16	EU-MONTHLY PYMT ALLOCATION-12/16	12,076.00
MI MUNICIPAL RISK MANAGEMENT	M0001210	AUTO LIABILITY INSURANCE 7/1/16 -	37,651.25
MI MUNICIPAL RISK MANAGEMENT	R0001210	MMRMA RETENTION FUND PRORATION	5,000.00
MICHIGAN STATE POLICE-CASHIERS OFC	551-477542	TRAINING - BEHNKE	100.00
MICHIGAN STATE POLICE-CASHIERS OFC	551-477541	TRAINING - BAZAN	100.00
MIDWEST ENERGY	3503301	CCWS - WELL HOUSES	1,026.47
MILLER, CANFIELD, PADDOCK AND STONE	1341739	EMPLOYMENT MATTERS	440.00
MINIKEL, AMANDA C	12/09/2016	UB refund for account: 10-2119-2	25.09
MISS DIG SYSTEM, INC	20170217	2017 ANNUAL MEMBERSHIP FEE	1,259.33
NCL OF WISCONSIN, INC.	382182	CHLORINE/CBOD METERS/PROBES	3,480.28
PEERLESS-MIDWEST, INC	49225CR	CREDIT FOR DUPLICATE PAYMENT OF INVOICE	(2,892.60)
PEERLESS-MIDWEST, INC	49225	PUMP OVERHAUL (PO 1603)	16,320.00
PENCHURA, L.L.C.	16-1164	BENCH SUPPORT - ZEKE'S	298.00
PENCHURA, L.L.C.	16-1031	BENCH - RIVERSIDE CEMETERY	1,204.00
PETERSEN, MICHAEL	11/28/16	ELECTION SERVICE	43.75
PETTY CASH	12/7/16	PETTY CASH REIMBURSEMENT (SMC CERT	179.03
PETTY CASH	12/8/16	SUPPLIES	27.01
POWER LINE SUPPLY, INC	56094143	175W MH LAMPS - STOCK	392.44
POWER LINE SUPPLY, INC	56090771	WIRE - STOCK	326.20
POWER LINE SUPPLY, INC	56090770	LUGS	31.80

Vendor		Description	Amount
PRIORITY COMPUTER SERVICES, INC	205520	PREPAID SERVICE AGREEMENT	950.00
PVS MINIBULK, INC.	106585	SODIUM HYPOCHLORITE - WTP CHEMICALS	827.15
PVS MINIBULK, INC.	106584	SODIUM HYPOCHLORITE - WWTP CHEMICALS	568.78
PVS TECHNOLOGIES, INC	216479	FERROUS CHLORIDE - WWTP CHEMICALS	1,905.28
R.A.D. SYSTEMS	17RCT 3900	RAD MEMBERSHIP - ROMAN	75.00
R.A.D. SYSTEMS	17RCT 477	R.A.D. MEMBERSHIP - BRADFORD	75.00
REAL PRO SOLUTIONS, LLC	PC1735	BLIGHT CLEAN UP	370.00
REAL PRO SOLUTIONS, LLC	SP330	SNOW REMOVAL - J SNOW BLDG	115.00
REAL PRO SOLUTIONS, LLC	SP331	CCWS - PLOW PENN PUMP HOUSES	70.00
REAL PRO SOLUTIONS, LLC	SP332	CCWS - PLOW VANDALIA TOWER	60.00
RHOADES MCKEE	269412	ENVIRONMENTAL-LANDFILL	712.50
ROMAN, KEVIN	60-6570-16	MILEAGE - COURT	8.64
SEMCO ENERGY GAS COMPANY	0161871.500	GAS SVC 10/11 - 11/9/16	17.21
SEMCO ENERGY GAS COMPANY	0359348.501	GAS SVC 10/24 - 11/22/16	20.71
SEMCO ENERGY GAS COMPANY	0362881.500	GAS SVC 10/14 - 10/26/16	65.06
SIMMONS TREE & LAWN	11/01/16	MOW - BLVD/STORAGE BLDG/AMB BLDG 10/16	200.00
SPARTAN STORES LLC	0001987860	MISC EXPENSE - ELECTION	15.98
SPARTAN STORES LLC	0001991855	MUSEUM - COFFEE FOR EVENTS & VOLUNTEERS	21.36
SPARTAN STORES LLC	0001993631	COUNCIL STRATEGIC PLANNING WORKSHOP	42.14
STATE OF MICHIGAN	ME-0200312	SALES & TAX-NOV 2016	13,702.47
STATE OF MICHIGAN-ESSD-WTR TESTING	12/2/16	STORAGE TANK ANNUAL CERT FEE	61.50
THE RIDGE COMPANY	695876	CORE REFUND - CCDET GATOR	(9.00)
THE RIDGE COMPANY	696178	AIRPORT TRUCK - FUEL & OIL FILTERS	43.42
THE RIDGE COMPANY	696206	HYD HOSE/FITTINGS - PRESSURE WASHER	111.85
THE RIDGE COMPANY	696559	#104 LED FLASHER	49.22
THE RIDGE COMPANY	696619	#101 WHEEL NUTS	3.05
THE RIDGE COMPANY	696709	FILTERS - ALL VEHICLES	148.30
THE RIDGE COMPANY	696866	TORCH REGULATORS	258.00
THE RIDGE COMPANY	696889	CODE CAR - HALOGEN BULB	11.77
THE RIDGE COMPANY	696896	#104 SWITCH	96.61
THE RIDGE COMPANY	697059	#07 RELAY	17.90
THE RIDGE COMPANY	697138	#104 - RETURN FLASHER/SWITCH	(145.83)
THE RIDGE COMPANY	697198	AA BATTERIES	8.99
THE RIDGE COMPANY	697435	#80 - FOG LAMP BULB	3.56
THE RIDGE COMPANY	697597	#2155 BATTERY/TERMINAL/PROTECTORS	120.96
THE RIDGE COMPANY	697603	#06 BATTERY/FD #280 BRAKE LINES	155.50
TOBIN LANDSCAPE, INC.	17007	TOPSOIL FOR WALL SITE	6,300.00
TOPCON SOLUTIONS STORE	INV33748	BLUE MARKING PAINT/FLAGS/LATH	592.00
USA BLUEBOOK	120339	LAB SUPPLIES	845.67
USA BLUEBOOK	112228	LAB SUPPLIES/ACTIVATED SLUDGE GUIDE	373.88
VERIZON WIRELESS	9775609465	CCWS - ITRON FIXED NETWORK	100.10
VERIZON WIRELESS	9775902187	VERIZON TABLET - MONTHLY FEE	154.80
VERIZON WIRELESS	9775890721	MIFI CARD - MONTHLY SUBSCRIPTION	240.08
VERIZON WIRELESS	9775723654	VERIZON WIRELESS MONTHLY INVOICE (CELL	1,017.44
W. S. DARLEY & CO	17256502	REPLACEMENT NOZZLE FOR #2-60	274.90
WASTE MANAGEMENT OF MICHIGAN, INC.	7491857-2529-0	20 YD DUMPSTER - INACTIVITY CHARGE	80.00
WASTE MANAGEMENT OF MICHIGAN, INC.	8383692-1710-7	DUMPSTERS/TRASH CART 12/1/16	399.12
WASTE MANAGEMENT OF MICHIGAN, INC.	7491829-2529-9	SLUDGE DISPOSAL	3,029.13
WILLIAMS-A-1 EXPERT TREE SERVICE	7817	TUB GRINDING - COMPOST SITE	7,000.00

INVOICE REGISTER FOR CITY OF DOWAGIAC  
EXP CHECK RUN DATES 12/08/2016 - 12/08/2016  
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID  
BANK CODE: GEN

Vendor		Description	Amount
WILLIAMS-A-1 EXPERT TREE SERVICE	7814	REMOVAL OF DEAD TREES	4,475.00
WOODRUFF, ROBERTA	11/28/16	ELECTION SERVICE	43.75
YEO & YEO PC	390988	INTERIM BILLING RELATED TO THE SEPT 30,	8,000.00
		Total:	<u>643,116.57</u>