



CITY COUNCIL/ELECTRICAL  
ADVISORY COMMITTEE

October 8, 2014 – 6:00 p.m.  
Regular Meeting

**CITY COUNCIL**

Marc Tall, Mayor  
Ronald Beauchamp, Mayor Pro-Tem  
Patricia Baribeau, Council Member  
Michael Sattem, Council Member  
Ralph Blasier, Council Member

**ADMINISTRATION**

James V. O'Toole, City Manager  
Robert S. Richards, CMC, City Clerk  
Ralph B.K. Peterson, City Attorney  
Mike Furmanski, Electrical Superintendent  
Michael Dewar, City Controller

**ELECTRICAL ADVISORY COMMITTEE**

Tim Wilson, Chairperson  
Ann Bissell, Vice Chairperson  
Larry Arkens, Committee Member  
Glendon Brown, Committee Member  
John Anthony, Committee Member  
Vacant Seat  
Vacant Seat

**Escanaba City Council Chambers: 410 Ludington Street - Escanaba, MI 49829**

Meeting Agenda

**Wednesday, October 8, 2014**

CALL TO ORDER  
ROLL CALL  
APPROVAL/ADJUSTMENTS TO THE AGENDA  
CONFLICT OF INTEREST DECLARATION  
NEW BUSINESS

1. **Update - Electric Department –General Operations.**  
**Explanation:** Electrical Superintendent Mike Furmanski will update the City Council, Electrical Advisory Committee and Citizens of Escanaba on the current departmental activities.
2. **Update– Operation and Maintenance of Power Plant – Pro Energy Services, Inc.**  
**Explanation:** Pro Energy Services, Inc. will update the City Council, Electrical Advisory Committee and Citizens of Escanaba on the status of the operation and maintenance of the power plant.
3. **Update – Presque Isle SSR Agreement**  
**Explanation:** Administration will update the EAC, City Council and the citizens of Escanaba on the Presque Isle SSR Agreement.
4. **Update – Escanaba SSR Agreement**  
**Explanation:** Administration will update the EAC, City Council and the citizens of Escanaba on the Escanaba SSR Agreement.
5. **Update – White Pine SSR Agreement**  
**Explanation:** Administration will update the EAC, City Council and the citizens of Escanaba on the White Pine SSR Agreement.

Agenda - October 8, 2014

**6. Approval – Legal Services**

**Explanation:** Administration is seeking Council approval to enter into a professional services agreement with Troutman Sanders to file necessary legal documents related to SSR agreements being filed with FERC.

**7. Approval – Pole Testing**

**Explanation:** Administration is seeking Council approval to retain Karc Utility Services, LLC of Seymour, WI to continue routine integrity testing and treatment of electrical distribution poles within the City electrical distribution system.

**8. Approval – Pole Replacement**

**Explanation:** Administration will seek Council approval to accept the pole replacement bid from MJ Electric, LLC of Iron Mountain, MI.

**9. Update – Power Plant Purchase Agreement/Sale.**

**Explanation:** An update on the sale of the power plant will be provided.

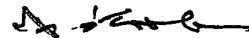
GENERAL PUBLIC COMMENT

COMMISSION/STAFF COMMENT AND ANNOUNCEMENTS

ADJOURNMENT

The City of Escanaba will provide all necessary, reasonable aids and services, such as signers for the hearing impaired and audiotapes of printed materials being considered at the meeting to individuals with disabilities at the meeting/hearing upon five days notice to the City of Escanaba. Individuals with disabilities requiring auxiliary aids or services should contact the City of Escanaba by writing or calling City Hall at (906) 786-9402.

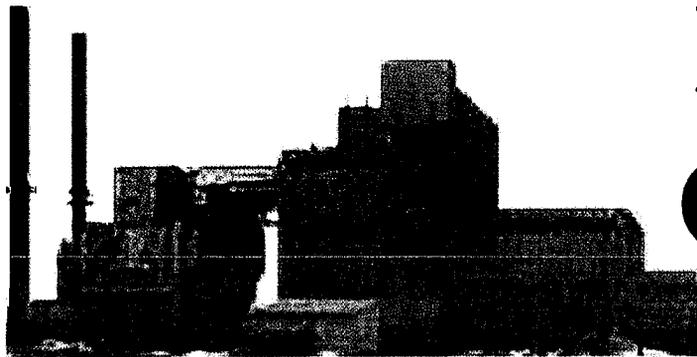
Respectfully Submitted,



James V. O'Toole  
City Manager

NB# 2  
cc/EOC 10/8/14

Escanaba Operating Services  
Monthly Report  
September 2014



*Escanaba Generating Station*

**Escanaba**  
**Operating**  
**Services**



## Unit Trips and Unplanned Outages

There were no unit trips or unplanned outages during the month.

Unit	Date	Breaker Open Time	Unit Released	Duration (Hours)	Cause
1	None				
2	None				
CTG	None				

## Planned Outages

There no planned outages during the month.

Unit	Start Date	Start Time	End Date	End Time	Cause
1	None				
2	None				
CTG	None				

## Forced Outages /Load Limitations

There were no forced outages or load limitations during the month.

NOx emissions.

Unit	Start Date	End Date	End Time	Load Limit	Cause
1	None				
2	None				
CTG	None				

## Maintenance Activities

### Plant Major Maintenance Activities for September 2014

#### Unit 1 and 2

Routine maintenance and equipment replacements occurred throughout the month. There was no major maintenance required during the month.

#### Combustion Turbine

There was no major maintenance required for the Combustion Turbine during the month.

#### Balance of Plant Outstanding Issues

There were no outstanding issues during the month.

## Emissions Compliance Overview-Air/Water

- There were no Air Monitoring deviations in the month of September.

### Air Monitoring Deviations

Start Date	Start Time	End Date	End Time	Opacity Parameter	Cause
None					

### Water – NPDES Permit Deviations

- There were no NPDES violations during the month of September.

### Water – Groundwater

- There were no Groundwater deviations during the month of September.

### Water Monitoring Deviations

Start Date	End Date	Parameter	Cause
None			

## Occupational Safety and Health Overview

### OSHA Summary of Work Related Injuries and Illnesses

- 1) There were no OSHA work related injuries or illnesses during the month of September.

### EH&S Incidents – (Near Misses and/or Property Damage)

- 1) There were no lost time accidents, near misses or property damage during the month.

**Labor Statistics** Labor Statistics (Note: These statistics are for the 2014 calendar year from Jan 1 through December 31.)

Item	Month	Year to Date
Total Man-Hours Worked	2667.5	23615.5
Total Number of Standard Time (ST) Hours	2239	19971
Total Number of Overtime (OT) Hours	188.5	1829
Total Number of Double Time (DT) Hours	240	2141.25

# TROUTMAN SANDERS

A T T O R N E Y S A T L A W

BANK OF AMERICA PLAZA

600 PEACHTREE STREET, SUITE 5200

ATLANTA, GEORGIA 30308-2216

www.troutmansanders.com

TELEPHONE: 404-885-3000

FACSIMILE: 404-885-3900

Brian C. Harms  
brian.harms@troutmansanders.com

Direct Dial: 404-885-3682  
Direct Fax: 404-962-6565

NB# 6  
cc/EA C  
10/8/14

September 22, 2014

City of Escanaba, Michigan  
Attn: James V. O'Toole  
City Manager  
401 Ludington Street  
Escanaba, Michigan 49829-3924

Re: Troutman Sanders LLP's Representation of the City of Escanaba

Dear Mr. O'Toole:

This letter will confirm our agreement for the provision of legal services by Troutman Sanders LLP (the "Firm") to the City of Escanaba ("City of Escanaba") and will secure your approval of the fee arrangement and other conditions of this representation. We are very pleased that you have retained us and will, of course, answer any questions that you may have about these arrangements.

This letter confirms that the Firm has been retained by City of Escanaba to provide legal services in connection with the execution and defense of its System Support Resources ("SSR") Agreement with the Midcontinent Independent System Operator ("MISO") before the Federal Energy Regulatory Commission ("FERC") (the "SSR Engagement"). We have recently agreed to expand that representation into issues related the FERC's regulation to the allocation of costs under said SSR Agreement. You may further limit or expand the scope of our representation at any time, provided that any expansion is by written mutual consent and subject to any evaluation of potential conflicts of interest.

We wish to advise you that the Firm is a limited liability partnership (hence the "LLP" designation) existing under certain statutory provisions of Georgia law, and, as such, the liability of partners in the Firm for professional malpractice is more limited in scope than it would be if the Firm were a general partnership, which had not made a limited liability partnership election. Nevertheless, we continually strive to maintain the highest standards in the practice of law and wish to assure you that our existence in limited liability form does not diminish our commitment of excellence to you in any respect.

## Payment Provision

Our fees will be charged on a tenth of an hour basis for all time actually expended and will be billed monthly. The hourly rates assigned to the attorneys in our firm will vary according

to the level of experience and expertise of the attorney. Chris Jones is the primary attorney engaged on the aforementioned SSR Agreement. Chris Jones' current rate for the City is \$517.50 per hour. Hourly rates are reviewed and, when appropriate, adjusted to reflect increases in seniority and experience as well as inflationary factors. Such increases are ordinarily made on an annual basis, effective as of the beginning of each calendar year, though they may occur at other times. We do not generally send any notice of a change in hourly rates.

Although Chris will be the attorney for our Firm principally involved in representing City of Escanaba in the above-referenced matter, it may be necessary or preferable to use other attorneys in the Firm from time to time. We will at all times perform work in connection with our representation of City of Escanaba in a cost-effective manner without sacrificing proficiency or jeopardizing your proper representation.

City of Escanaba will also be responsible for reimbursement of costs incurred on its behalf and invoiced to the Firm by third parties, such as airlines, hotels, restaurants and caterers, outside courier services, outside copying services, court reporters, consultants and experts, courts and governmental offices, and access to specialized computer service providers (including computer legal research providers, such as Lexis/Nexis™ and Westlaw®). Expenses billed to the Firm by parties who supply goods or services related to our work on your behalf (hereinafter "expenses") will be billed to you at the actual out-of-pocket cost that the Firm pays to the third party on your behalf. We will use our best professional judgment in determining when to seek your permission prior to incurring expenses. You will not be billed for any internal Firm costs incurred on your behalf, such as telephone (including long distance charges), telecopy charges, word processing, secretarial overtime, firm couriers, postage (including FedEx, UPS or similar overnight delivery services), printing and photocopying performed in-house.

We will bill you on a monthly basis for both fees and expenses with the understanding that the bills will be paid in full upon receipt. Unless otherwise agreed, our billing statements will contain an itemized description of the services rendered and expenses invoiced to us during the time period covered by the statement. We will endeavor to e-mail you with the total number of hours billed to this matter two weeks after each bill has been sent. If we fail to do this, please contact me and I will promptly retrieve such information for you.

Please review our bills carefully when rendered. You agree that all questions and disputes will be brought to our attention promptly so that they can be addressed and resolved to our mutual satisfaction. Billing mistakes may occur on occasion, and we will be pleased to correct any that you might identify. Please feel free to discuss with me any questions regarding our statements.

Conflict Provision

Our Firm's policies and applicable professional rules of conduct concerning conflicts of interest are designed to protect the confidences, rights and interests of our clients, while permitting the Firm to advise and represent many different people and organizations. In order to assure that you and the Firm have the same understanding of the effects of our engagement concerning potential conflicts of interest, we include below relevant considerations and understandings.

As you know, Troutman Sanders represents a wide range of utility, independent power and other energy clients, including The Southern Company, TECO Energy, Inc., The AES Corporation, PNM Resources, Inc., Wisconsin Energy Companies, Ameren Corporation and their subsidiaries, among others, in an extensive variety of matters, including project development and energy trading work on a global basis. As with your engagement of the Firm in this matter, our ongoing relationships with those clients are important to us and to them. Our existing and prospective clients would be disadvantaged if the Firm had to be replaced in any given legal matter. As you know, I am personally active in representing Troutman Sanders' energy clients and will continue this work, and such experience will be beneficial to all of the clients for which I work.

Under Rule 1.7 of the Georgia Rules of Professional Conduct, a lawyer may not represent two clients adverse to each other in the same matter, nor may a lawyer represent a client if the representation of that client will be directly adverse to another existing client in an unrelated matter, unless: (1) the lawyer reasonably believes that the representation will not adversely affect the relationship with the other client; and (2) each client consents after consultation. In our view, the subject matter of this engagement is not substantially related to any engagement by any existing client. Although as noted above, the Firm represents many other clients in numerous matters unrelated to this Engagement, the Firm believes that the provision of services to these other clients in these unrelated matters will not adversely affect the Firm's representation of you in this Engagement, or the other clients in the unrelated matters.

In an effort to avoid undue limitations upon our services to you and these other clients, we ask that you give consent to our future representation of these other clients in unrelated matters. We make this request with the understanding that you have a full opportunity to consult inside or outside counsel on this matter and that you are aware that it is common practice for law firms to represent such competitors in unrelated matters in the energy industry. Accordingly, we request that you agree that you will not preclude the Firm from representation, including litigation, arbitration, other forms of dispute resolution or transactions, of an existing or new client in the energy industry, if: (a) the engagement for the other client is not substantially related to the subject matter of services the Firm is providing to you at the time; and (b) performance of the new engagement would not impair the confidentiality of information

received from you. Where you or the Firm is aware that a new matter may raise a more specifically identifiable potential for conflict of interest concerning this engagement, after consultation with you, we will establish an internal screen, under which we will exclude those working on your matters from involvement in the other potentially conflicting matters and will instruct that all files and records regarding those other matters be maintained separately.

For the purposes of determining whether a conflict of interest exists, it is only City of Escanaba which we will represent and not other entities in your corporate family, stockholders, officers, directors, employees or agents ("affiliates"). You have agreed that you will not give us confidential information regarding your affiliates. While we recognize that to act adversely to any affiliate could jeopardize your continuing engagement of the Firm to handle matters on your behalf, which we would naturally be reluctant to see happen, for conflict of interest purposes, we reserve the right to represent another client with interests adverse to any affiliate without obtaining consent from you or your affiliates.

#### Termination Of Engagement

Upon our completion of the services for which you have engaged us, our attorney-client relationship will be terminated. If you should thereafter engage us to perform further or additional services, our attorney-client relationship will be revived, subject to these and any supplemental terms of engagement. Further, either of us may terminate the engagement at any time for any reason by written notice, subject on our part to applicable Rules of Professional Conduct. In the event that we terminate the engagement, we will take such steps as are reasonably practicable to protect your interests in the above matter.

You are engaging the Firm to provide legal services in connection with a specific matter. After completion of the matter, changes may occur in the applicable laws or regulations that could have an impact on your future rights and liabilities. Unless you engage us after completion of the matter to provide additional advice on issues arising from the matter, the Firm has no continuing obligation to advise you with respect to future legal developments. Further, the fact that we may inform you from time to time of developments in the law which may be of interest to you, by newsletter or otherwise, should not be understood as a revival of an attorney-client relationship. Moreover, we have no obligation to inform you of such developments in the law unless we are engaged in writing to do so.

Unless previously terminated, our representation of City of Escanaba on this matter will terminate upon our sending you our final statement for services rendered in this matter. Except to the extent other arrangements are specifically made for this matter, our document retention practice will be as follows: We will retain your papers and property provided to us until termination of this engagement. Following termination of the engagement, we will return those of your papers and property which you may request within thirty (30) days of termination. With

TROUTMAN SANDERS LLP  
ATTORNEYS AT LAW  
The City of Escanaba  
February 24, 2011  
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respect to all other material, including documents and data created by us and received from others, we reserve the right to retain or dispose of such material as we determine appropriate.

Acceptance

This letter constitutes the entire understanding between you and Troutman Sanders LLP and supersedes all prior understandings, written or oral, as to its subject matter. Any change must be made or confirmed in writing. If this letter correctly reflects your understanding of the terms and conditions of our engagement, we request that you have an appropriate authorized officer of the corporation indicate its consent by having the duplicate originals of this letter executed in the space provided below. You should retain one of these duplicate originals for your records and return the other to me for our records.

We look forward to working with you. I hope that you will let me know if at any time you feel that the service we are rendering or the manner or promptness with which we are responding to your requests for service can be improved. On behalf of Troutman Sanders LLP, I want to sincerely thank you for the opportunity to be of service.

Very truly yours,

TROUTMAN SANDERS LLP

By: \_\_\_\_\_  
Brian C. Harms

The City of Escanaba agrees to the foregoing terms:

By: \_\_\_\_\_  
Name: James V. O'Toole  
Title: City Manager  
Date: \_\_\_\_\_

NB# 7  
CC/EAC  
10/8/14

MEMORANDUM

To: Jim O'Toole

From: Mike Furmanski

Date: 03OCT14

Re: Pole Inspection/Treatment Bid Recommendation

The Electric Department recently requested bids for pole testing/treatment. Bids were sent to 3 contractors and 2 bids were received. Both contractors that submitted bids are qualified to do this type of work. The two bids received employed very different testing methods. The bid from Karcz Utility Services of Seymore, WI met all the bid specs. The other bid did not meet bid specs. The amounts bid by Karcz were very close to last year's bid amounts as shown below:

	Karcz 2013	Karcz 2014
Visual Inspection	\$6.50	\$6.50
Partial Excavation/Sound & Bore	\$12.00	\$12.00
Partial Excavation Reject	\$12.95	\$12.95
Excavated Reject	\$50.00	\$50.00
External Treatment	\$55.00	\$55.00
Hollow Heart Treatment	\$16.95	<u>\$22.50</u>
Boron Rods	\$1.98	<u>\$2.20</u>
Mobilization	\$500.00	\$500.00

I am recommending that we accept the bid from Karcz Utility Services, LLC of Seymore, Wisconsin for an amount not to exceed \$12,000. If approved, they will be informed that this work will be limited to approximately 360 poles or \$12,000. They performed pole testing/treatment for the City of Escanaba previously and have done a very nice job.

Pole Testing/Treatment Bid Tab Sheet 30SEP14

Bidder	Osmose	Karcz	m Power Innovations			
Visual Inspection	No bid	6.50	4.50			
Partial Excavation/Sound and Bore		12.00	Sec Attached			
Partial Excavation Reject		12.95				
Excavated Reject		50.00				
External Treatment		55.00				
Hollow Heart Treatment		22.50				
Boron Rods		2.20				
Mobilization		500	↓			
Bond/Check		Check	Check			
Start Date		10-6-14	3-1-15			

Witnessed by:

*Mike Furman*

*Robert [Signature]*

## NOTICE TO BIDDERS

Sealed bids will be received by the City of Escanaba at the office of the City Clerk, on or before 2p.m. e.s.t, on: **TUESDAY, SEPTEMBER 30, 2014.**

The bids will be publicly opened and read in Room 101 in the City Hall located at 410 Ludington Street, Escanaba, Michigan at said date and time.

Bidder's proposals, and/or specifications may be obtained from the office of the City Clerk, located at 410 Ludington Street, Escanaba, Michigan, 49829. No bids will be considered unless the proposal form and /or specifications (furnished by the City of Escanaba, Michigan), are properly completed and enclosed in a sealed envelope, marked:

### **POLE INSPECTION/TREATMENT FOR 2014**

In addition, the City of Escanaba, Michigan will not consider any proposal which has not been received prior to the published time, date and year of bid opening. (FAX transmittals will not be accepted.)

*A Certified Check, Cashier's Check, or Bidder's Bond, drawn payable, without condition, to the City of Escanaba, Michigan, in an amount not less than 10% of the bid, will be submitted with each proposal as a guarantee that if the bid is accepted, the bidder will furnish materials or services as stated in his or her proposal. On failure of the successful bidder to fulfill the conditions of his or her proposal, he or she shall forfeit said deposit to the City of Escanaba, Michigan as liquidated damages. The acceptance of the proposal will be contingent upon the bidder's acceptance of this provision.*

The City of Escanaba, Michigan reserves the right to reject any or all bids, or any part thereof at its discretion, and to waive any irregularities in the bidding. The City of Escanaba, Michigan may also split bids at its discretion. The City further reserves the right to negotiate directly with any and all bidders concerning any matter related to any bid.

All City of Escanaba, Michigan bids are prepared to afford all vendors the equal opportunity for fair and equitable competition. The City of Escanaba, Michigan assumes no liability or responsibility for any errors or oversights in the preparation and/or publication of bids.

Mike Furmanski  
Electric Superintendent  
City of Escanaba

The City of Escanaba Electric Department is requesting proposals for pole inspection work for 2014/2015.

Enclosed is our specification titled "Pole Inspection/Treatment".

Our scheduled work for 2014 will be limited to approximately 360 poles.

All work covered under this proposal is to be completed by May 1, 2015.

The City of Escanaba Electric Department will provide maps for the areas where we wish to have poles tested. Each pole will have a city pole number on it, which must be recorded on the inspection sheets.

# CITY OF ESCANABA ELECTRIC DEPARTMENT POLE INSPECTION/TREATMENT SPECIFICATIONS

## INTRODUCTION

The purpose of these specifications is to provide requirements for the inspection and treatment of wooden poles owned by the City of Escanaba Electric Department, located on both public right-of-way and private property. All work performed by the Contractor is subject to inspection and approval by the City of Escanaba Electric Department. The contractor will be responsible for any damages to private property.

## SAFETY

The Contractor shall comply with all pertinent federal, state, and local laws, rules, and regulations in regards to work performed for the City of Escanaba Electric Department.

The Contractor must notify the City of Escanaba Electric Department immediately of any accidents, incidents, property damages, etc.

## REQUIREMENTS

### Visual Inspection Process

1. Pole is visually inspected for mechanical damage, wood pecker holes, lean, etc.
2. Equipment is visually inspected for:
  - Broken ground wire
  - Ground rod above ground line
  - Broken or missing guy markers
  - Broken guy wires
  - Frayed or damaged conductors
  - Leaking or rusty transformers
  - Blown lightning arresters
  - Broken insulators
  - Broken, rotten, or mossy crossarms
  - Trees touching or near wires
  - Low conductors

### Pole Inspection Process (Partial Excavation)

1. Each pole is sounded with a hammer from ground level to as high as the pole inspector can reach.
2. A 6 to 10 inch deep shovel full of earth is removed from the pole to look for exterior decay. This partial excavation is to take place on the lowest side of the pole, or near the drying check.
3. Each pole is to be drilled at a 45 degree angle starting 3 inches below ground line with a 3/8 inch drill bit past the center of the pole. If no internal decay is detected, the hole shall be plugged with a 7/16 X 3 inch treated wooden

dowel. If internal decay is detected, the pole shall be bored on all 4 quarters to determine shell thickness. A shell thickness of less than 3 inches is to be considered a reject pole. A shell thickness of less than 2 inches is to be considered a danger pole.

4. If no external or internal decay was detected, an inspection tag with contractor name and year is nailed to the pole in an appropriate location.

#### External Treatment Process (Full Excavation)

1. Pole is excavated to a minimum depth of 18 inches below ground line, using a tarp to contain excavated dirt.
2. All dirt in the treatment area shall be removed with a wire brush.
3. All decay shall be removed from the pole.
4. New pole circumference is taken to determine if pole class has changed or if pole is now a reject. The City of Escanaba Electric Department will allow one class change.
5. Preservative is applied to a 1/16 to 1/8 inch thickness in the treatment area.
6. Preservative shall be wrapped with a plastic backed paper to keep treatment on pole and to keep preservative from leaching into the ground.
7. Soil shall be carefully returned around pole to prevent paper from ripping, with a slight rise in soil level surrounding the pole.
8. Pole shall be tagged with a tag that has treatment, year, and contractors name.

#### Internal Treatment Process (Internal void)

1. Internal decay has been detected and pole is bored on all four quarters to determine shell thickness.
2. If pole is not a reject, pole shall be bored to determine the highest point of the internal void.
3. Copper solution shall be pumped into the void.
4. Once void is full, the drill holes shall be filled with treated wooden plugs
5. Pole shall be tagged with an internal treat tag with year and contractors name.

### INSURANCE

The selected contractor shall provide the City of Escanaba with the following evidence of insurance before the commencement of the work:

#### Workers Compensation

Coverage A	Statutory – Michigan
Coverage B	\$100,000

#### Comprehensive General Liability

Bodily Injury	\$1,000,000 Combined Single Limits (minimum)
Property Damage	\$1,000,000 Combined Single Limits (minimum)

Comprehensive Auto Liability

Auto Liability            \$1,000,000 Combined Single Limits (minimum)

The City of Escanaba shall be named as "additional insured" on all certificates. All policies affording coverage under the insurance requirements shall further be endorsed to provide a ten (10) day notice to be delivered to the City of Escanaba before any coverages are either reduced or cancelled.

MISCELLANEOUS

The person who knows the location and work schedule of the Contractor's crews needs to report work location daily to the City of Escanaba Electric Department and be readily accessible by phone, radio, or pager.

The Contractor must supply a list of references with contact names and phone numbers.

The City of Escanaba Electric Department reserves the right to reject any and all equipment owned by the contractor. The City of Escanaba Electric Department reserves the right to terminate the contract at any time for unsafe work practices.

ANY QUESTIONS REGARDING THESE SPECIFICATIONS SHOULD BE DIRECTED TO:

Mike Furmanski  
Electric Superintendent  
mfurmanski@escanaba.org  
City of Escanaba Electric Department  
1711 Sheridan Road  
Escanaba, MI 49829  
(906) 786-0061 office  
(906) 786-0791 fax  
(906) 280-8757 cell

City of Escanaba Electric 2014 Pole Inspection/Treatment Bid Detail

Visual Inspection	\$ <u>6.50</u> /pole
Partial Excavation/Sound and Bore	\$ <u>12.00</u> /pole
Partial Excavation Reject	\$ <u>12.95</u> /pole
Excavated Reject	\$ <u>50.00</u> /pole
External Treatment	\$ <u>55.00</u> /pole
<del>Hollow Heart Treatment or Cobra Rod</del>	\$ <u>2.20</u> /pole
<sup>Boron Rod</sup> Hollow Heart Treatment	\$ <u>22.50</u> /Pole
Mobilization (if applicable)	\$ <u>500.00</u>
Approximate start date	<u>10-6-14</u>

SUBMITTED BY:

FIRM: Karcz Utility Services, LLC

ADDRESS: 11155 Laney Rd Seymour, WI 54165

SIGNATURE: Gretchen M. Karcz

PRINTED: Gretchen M. Karcz

TITLE: Managing Member

PHONE: 920-822-3444 FAX: —



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/17/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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

<b>PRODUCER</b> The Insurance Center P.O. Box 28107 Green Bay, WI 54324-0107	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): (920) 337-1700	FAX (A/C, No): (920) 337-1711	
	<b>E-MAIL ADDRESS:</b>		
<b>INSURED</b>  Karcz Utility Services, LLC N1655 Laney Road Seymour, WI 54165	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	<b>INSURER A : Hastings Mutual</b>		<b>14176</b>
	<b>INSURER B :</b>		
	<b>INSURER C :</b>		
	<b>INSURER D :</b>		
<b>INSURER E :</b>			
<b>INSURER F :</b>			

**COVERAGES**      **CERTIFICATE NUMBER:**      **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDD SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X	GPP9892488	03/01/2014	03/01/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG. \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		ACV9892489	03/01/2014	03/01/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0		ULC9892491	03/01/2014	03/01/2015	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in MI) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y	WC 9892490	03/01/2014	03/01/2015	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
City of Escanaba, Michigan is included as an additional insured under the general liability policy as their interest may appear.

<b>CERTIFICATE HOLDER</b>  City of Escanaba PO Box 948 Escanaba, MI 498290948	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
---	--

# Karcz Utility Services LLC

## References

Troy Tiernan: 906-280-4095 Operations Manager - Alger Delta Co op Electric Assn.

Jason Fudala: 906-485-2451 Operations Supervisor -Escanaba – Upper Peninsula Power Company

Dan Siewert 715-848-7305 Line Clearance Coordinator – Wisconsin Public Service Corporation

City of Escanaba Electric 2014 Pole Inspection/Treatment Bid Detail

Visual Inspection	\$ <u>4.50</u> /pole
Partial Excavation/Sound and Bore	\$ <u>See Attached</u> /pole
Partial Excavation Reject	\$ <u>See Att</u> /pole
Excavated Reject	\$ <u>See Att</u> /pole
External Treatment	\$ <u>See Att</u> /pole
Hollow Heart Treatment or Cobra Rod	\$ <u>See Att</u> /pole
Mobilization (if applicable)	\$ _____
Approximate start date	<u>3/1/2015</u>

SUBMITTED BY:

FIRM: mPower Innovations

ADDRESS: 1051 N Lyndale Dr, Suite 2A Appleton, WI 54914

SIGNATURE: David Falk

PRINTED: David Falk

TITLE: Sales Director

PHONE: 877-269-6971 x206 FAX: \_\_\_\_\_

## NOTICE TO BIDDERS

Sealed bids will be received by the City of Escanaba at the office of the City Clerk, on or before 2p.m. e.s.t, on: **TUESDAY, SEPTEMBER 30, 2014.**

The bids will be publicly opened and read in Room 101 in the City Hall located at 410 Ludington Street, Escanaba, Michigan at said date and time.

Bidder's proposals, and/or specifications may be obtained from the office of the City Clerk, located at 410 Ludington Street, Escanaba, Michigan, 49829. No bids will be considered unless the proposal form and /or specifications (furnished by the City of Escanaba, Michigan), are properly completed and enclosed in a sealed envelope, marked:

### **POLE INSPECTION/TREATMENT FOR 2014**

In addition, the City of Escanaba, Michigan will not consider any proposal which has not been received prior to the published time, date and year of bid opening. (FAX transmittals will not be accepted.)

**A Certified Check, Cashier's Check, or Bidder's Bond, drawn payable, without condition, to the City of Escanaba, Michigan, in an amount not less than 10% of the bid, will be submitted with each proposal as a guarantee that if the bid is accepted, the bidder will furnish materials or services as stated in his or her proposal. On failure of the successful bidder to fulfill the conditions of his or her proposal, he or she shall forfeit said deposit to the City of Escanaba, Michigan as liquidated damages. The acceptance of the proposal will be contingent upon the bidder's acceptance of this provision.**

The City of Escanaba, Michigan reserves the right to reject any or all bids, or any part thereof at its discretion, and to waive any irregularities in the bidding. The City of Escanaba, Michigan may also split bids at its discretion. The City further reserves the right to negotiate directly with any and all bidders concerning any matter related to any bid.

All City of Escanaba, Michigan bids are prepared to afford all vendors the equal opportunity for fair and equitable competition. The City of Escanaba, Michigan assumes no liability or responsibility for any errors or oversights in the preparation and/or publication of bids.

Mike Furmanski  
Electric Superintendent  
City of Escanaba

The City of Escanaba Electric Department is requesting proposals for pole inspection work for 2014/2015.

Enclosed is our specification titled "Pole Inspection/Treatment".

Our scheduled work for 2014 will be limited to approximately 360 poles.

All work covered under this proposal is to be completed by May 1, 2015.

The City of Escanaba Electric Department will provide maps for the areas where we wish to have poles tested. Each pole will have a city pole number on it, which must be recorded on the inspection sheets.

# CITY OF ESCANABA ELECTRIC DEPARTMENT POLE INSPECTION/TREATMENT SPECIFICATIONS

## INTRODUCTION

The purpose of these specifications is to provide requirements for the inspection and treatment of wooden poles owned by the City of Escanaba Electric Department, located on both public right-of-way and private property. All work performed by the Contractor is subject to inspection and approval by the City of Escanaba Electric Department. The contractor will be responsible for any damages to private property.

## SAFETY

The Contractor shall comply with all pertinent federal, state, and local laws, rules, and regulations in regards to work performed for the City of Escanaba Electric Department.

The Contractor must notify the City of Escanaba Electric Department immediately of any accidents, incidents, property damages, etc.

## REQUIREMENTS

### Visual Inspection Process

1. Pole is visually inspected for mechanical damage, wood pecker holes, lean, etc.
2. Equipment is visually inspected for:
  - Broken ground wire
  - Ground rod above ground line
  - Broken or missing guy markers
  - Broken guy wires
  - Frayed or damaged conductors
  - Leaking or rusty transformers
  - Blown lightning arresters
  - Broken insulators
  - Broken, rotten, or mossy crossarms
  - Trees touching or near wires
  - Low conductors

### Pole Inspection Process (Partial Excavation)

1. Each pole is sounded with a hammer from ground level to as high as the pole inspector can reach.
2. A 6 to 10 inch deep shovel full of earth is removed from the pole to look for exterior decay. This partial excavation is to take place on the lowest side of the pole, or near the drying check.
3. Each pole is to be drilled at a 45 degree angle starting 3 inches below ground line with a 3/8 inch drill bit past the center of the pole. If no internal decay is detected, the hole shall be plugged with a 7/16 X 3 inch treated wooden

dowel. If internal decay is detected, the pole shall be bored on all 4 quarters to determine shell thickness. A shell thickness of less than 3 inches is to be considered a reject pole. A shell thickness of less than 2 inches is to be considered a danger pole.

4. If no external or internal decay was detected, an inspection tag with contractor name and year is nailed to the pole in an appropriate location.

#### External Treatment Process (Full Excavation)

1. Pole is excavated to a minimum depth of 18 inches below ground line, using a tarp to contain excavated dirt.
2. All dirt in the treatment area shall be removed with a wire brush.
3. All decay shall be removed from the pole.
4. New pole circumference is taken to determine if pole class has changed or if pole is now a reject. The City of Escanaba Electric Department will allow one class change.
5. Preservative is applied to a 1/16 to 1/8 inch thickness in the treatment area.
6. Preservative shall be wrapped with a plastic backed paper to keep treatment on pole and to keep preservative from leaching into the ground.
7. Soil shall be carefully returned around pole to prevent paper from ripping, with a slight rise in soil level surrounding the pole.
8. Pole shall be tagged with a tag that has treatment, year, and contractors name.

#### Internal Treatment Process (Internal void)

1. Internal decay has been detected and pole is bored on all four quarters to determine shell thickness.
2. If pole is not a reject, pole shall be bored to determine the highest point of the internal void.
3. Copper solution shall be pumped into the void.
4. Once void is full, the drill holes shall be filled with treated wooden plugs
5. Pole shall be tagged with an internal treat tag with year and contractors name.

### INSURANCE

The selected contractor shall provide the City of Escanaba with the following evidence of insurance before the commencement of the work:

#### Workers Compensation

Coverage A	Statutory -- Michigan
Coverage B	\$100,000

#### Comprehensive General Liability

Bodily Injury	\$1,000,000 Combined Single Limits (minimum)
Property Damage	\$1,000,000 Combined Single Limits (minimum)

Comprehensive Auto Liability

Auto Liability            \$1,000,000 Combined Single Limits (minimum)

The City of Escanaba shall be named as "additional insured" on all certificates. All policies affording coverage under the insurance requirements shall further be endorsed to provide a ten (10) day notice to be delivered to the City of Escanaba before any coverages are either reduced or cancelled.

MISCELLANEOUS

The person who knows the location and work schedule of the Contractor's crews needs to report work location daily to the City of Escanaba Electric Department and be readily accessible by phone, radio, or pager.

The Contractor must supply a list of references with contact names and phone numbers.

The City of Escanaba Electric Department reserves the right to reject any and all equipment owned by the contractor. The City of Escanaba Electric Department reserves the right to terminate the contract at any time for unsafe work practices.

ANY QUESTIONS REGARDING THESE SPECIFICATIONS SHOULD BE  
DIRECTED TO:

Mike Furmanski  
Electric Superintendent  
mfurmanski@escanaba.org  
City of Escanaba Electric Department  
1711 Sheridan Road  
Escanaba, MI 49829  
(906) 786-0061 office  
(906) 786-0791 fax  
(906) 280-8757 cell



Pilot Proposal for:

## **Electric Utility Pole Inspection**

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Proposal to:

## **The City of Escanaba**

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**September 29th 2014**

This document is the property of **mPower Innovations** and the **City of Escanaba** and is not to be viewed by anyone who is not employed by either of the above organizations or involved in the sale or review process of this proposal. **mPower Innovations, Inc.** makes no warranty, expressed or implied, including but not limited to any implied warranties of merchantability or fitness for a particular purpose, regarding the items proposed herein and makes such equipment, software and services available on an "as-is" basis only. In no event shall **mPower Innovations, Inc.** be liable to anyone for special, collateral, incidental, or consequential damages in connection with or arising out of the purchase, licensing, or use of recommended equipment, software or services.

# Proposal Summary

mPower Innovations is pleased to submit the following proposal to perform utility pole inspection services on approximately 360 of The City of Escanaba's electrical distribution poles.

mPower will provide suitably trained staff and supervision in line with The City of Escanaba's safety and health processes.

mPowers inspection solution provides a number of key advantages over traditional inspection processes:

1. Non – destructive – the test process does not cause damage to the pole. By avoiding excavation and using underground "mole probes" the disturbance of soil around the pole is minimized.
2. Consistency of Test – using ultrasonic tomography a consistent electronic read is obtained lowering the standard deviation of poles being rejected. Less "Good Wood" is rejected using an electronic test process.
3. Creation of a management platform to allow for an ongoing management plan to be adopted for the pole asset. All pole tested are uploaded to a Cloud based Reporting platform for to use Escanaba during the contract period for ongoing pole management.
4. Reduced number of remedial treatment events. Using NDT and Reliability typically reduced the number of Truss and Treatment events by around 25% due to the more accurate assessment that is obtained via this process.

The output of this test process for Escanaba will be a representative data set of the condition of their pole health in the selected test area of their network. The data collected will allow Escanaba to create a pole health management strategy based on actual data about the health of their network.

mPower will utilize traditional pole screening techniques followed by various levels of non-destructive pole tests (NDT) and scans which create an "MRI" type analysis:

1. Each pole will have a standard visual test performed along with the GPS collection process.
2. 100 % of poles over 10 years old will have an acoustic "hammer" test and an ultrasonic "quick test".
3. Any poles failing the acoustic or ultrasonic screening will have a full ultrasonic tomography test performed to yield the MRI image and calculate a consistent **Percentage of Original Strength (POS) and a Moment of Rupture (MOR)**. An estimate of 10% has been used to calculate the number of full ultrasonic scans that will be completed. Sample report included at base of this proposal
4. Reliability Analysis Option: Any poles that have a full ultrasonic tomography test that fail due to a low Percentage of Original Strength (POS) can have a Reliability Assessment completed which will derive the following metrics. POF (Probability of Failure), RI (Reliability Index), TTF (Time to Fail) in years. This process will avoid unnecessary Trussing as it will allow Escanaba to focus remedial actions on the most hazardous poles. Please see base of proposal for a more detailed description of this process and an example Reliability Report.

The Pole Analysis and Design Software we are licensed to uses a reliability based, design methodology. **The output or deliverable from this system is a detailed analysis which includes an ultrasonic tomographic scan with MOR and Percentage of Original Strength.**

## Remedial Pole Treatment

mPower recommend the UltraFume and UltraTruss systems for restoration and treatment, and have included pricing for such in this proposal. It is important to note that the higher consistency of read from an NDT process converts to a lower number of poles needing trussing and treatment.

Ultrafume : Independent studies show that Ultrafume remains fungi-toxic in excess of 10 years, which allows for 10+ year treatment cycles. UltraFume decomposes to form Methylisothiocyanate, which is a proven fungicide in wood structures.

Ultra Truss: the UltraTruss system forms a closed section which greatly increases the stiffness of the truss. In general the stiffer the truss, the better the load transfer.

## Pricing Estimate

Title	Description	# of Poles	Price	Sub Total
Visual Test	Visually Inspect all poles for obvious defects. Identify life of pole and determine if additional testing beyond visual and/or acoustic hammer test is necessary.	360	\$4.50	\$ 1,620.00
Acoustic and Quick Test	Perform Acoustic and Ultrasonic Quick Test on poles where necessary. Equivalent to Acoustic and Bore. Full Ultrasonic Tomography Test - 4 Axis on poles failing a "Quick Test" to provide "MRI" and calculate Percentage of Original Strength, Moment of Rupture.	360	\$24.00	\$ 8,640.00
Subterranean Mole Probe (Partial Excavate)	Subterranean Shell Rot Test - Mole Probe on all Poles. Equivalent to partial Excavate.	360	\$9.50	\$ 3,420.00
Full Excavate and Treatment		N/A	\$60.00	
			<b>Subtotal Inspections</b>	<b>\$ 13,680.00</b>
Heart Rot Treatment*	UltraFume treatment	N/A	\$15.00	\$ -
UltraTruss System**	Ultrastruss System	N/A	\$475.00	\$ -
	Data base QA and support services.			\$ 3,000.00
			<b>Total</b>	<b>\$ 16,680.00</b>

\* Based on an estimated minimum of 50 heart rot treated poles

\*\*Based on a minimum of 30 "trussed" poles in a non-concrete environment. Trussing in concrete will require additional cost.

\*\*\*\*All estimates based on Poles being in close proximity, accessibility approvals are the responsibility of City of Escanaba

**Special Notes & Consideration:**

\*\* Inspections are being quoted at estimated rate described on RFP. In field inspection numbers may change depending on condition and accessibility of poles.

Normal terms are 50% deposit for project with the balance being billed and due upon completion.  
**IN WITNESS WHEREOF** the parties have executed this Agreement on the day and year first above written.

**The City of Escanaba**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**mPower Innovations**

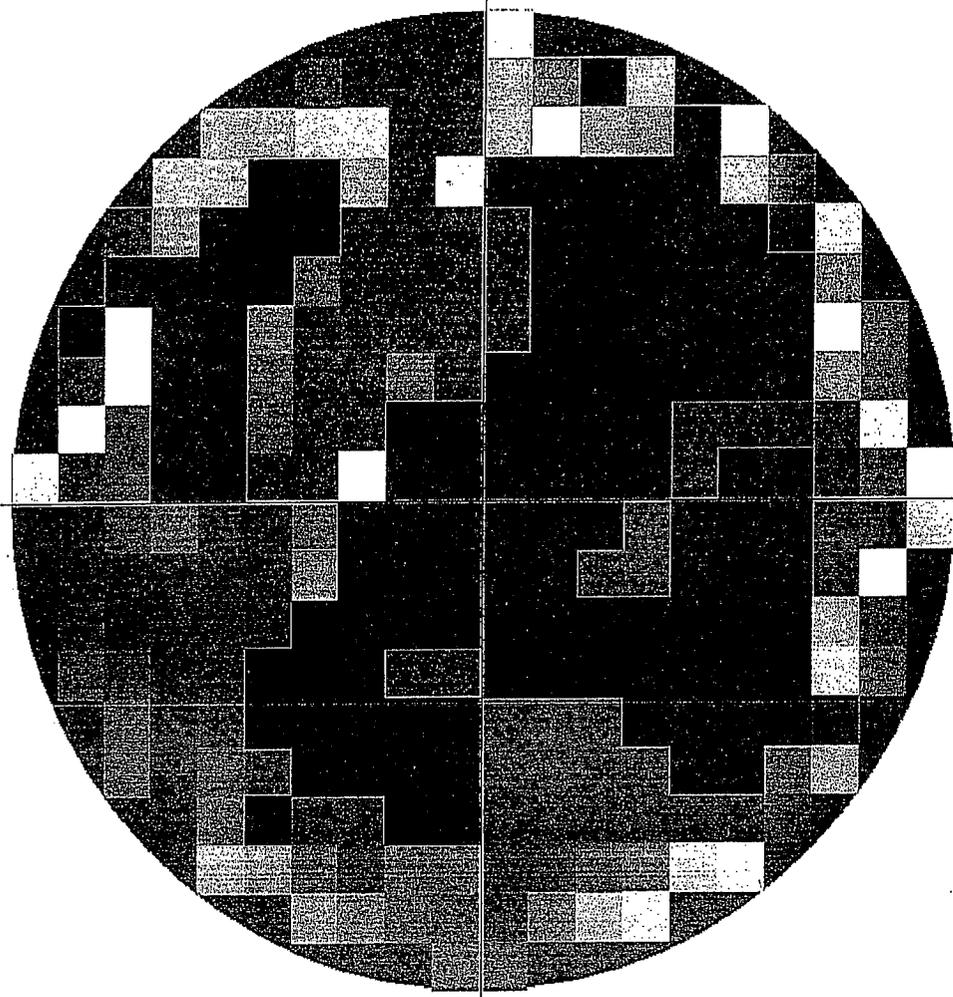
By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Sample NDT Report: Full Ultrasonic Tomography Scan



MOR (psi) 2653

Class 4

XLine ALine

Original Strength(%)

40 32

Breaking Strength(lbf)

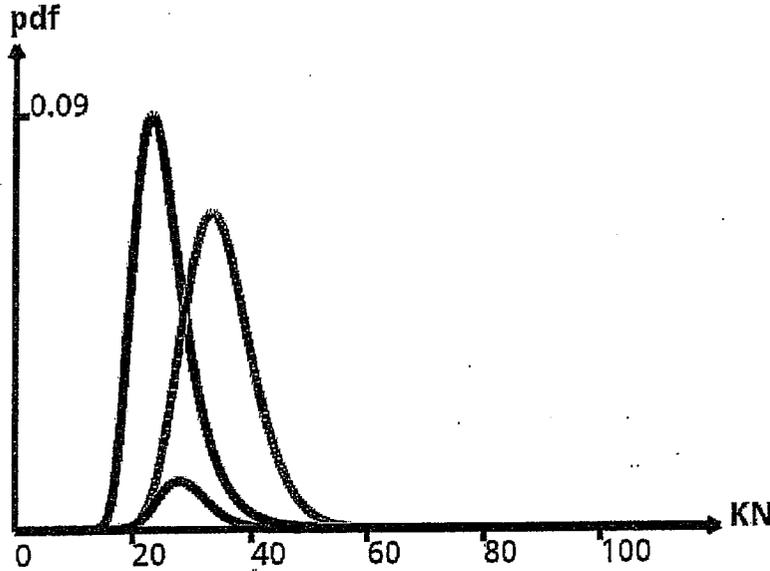
1066 871

Pole# 15

Address

**Optional Reliability Analysis:**

Should the pole be deemed "condemned" by standard metrics and be identified for replacement, mPower can provide extensive analytics including Probability of Failure (POF), Time to Failure in years (TTF) and a Reliability Index for the structure. In addition, to determining the replacement time frame, this process will yield the design parameters for the replacement pole.



Graphs: Blue - Wind Load Green - Pole Strength Red - Probability of Failure

POF : 0.110687527  
 RI : 1.22  
 TTF (Years) : 0.1  
 Condition : Poor

Design Wind : 486 Pa  
 XL Load : 3.3 kN  
 AL Load : -2.5 kN  
 Axial Load : 8.1 kN

Pole # : 74  
 Test Date : 5/1/2014  
 Owner : TestCompany  
 Network : NetWorkName  
 Feeder :  
 Address :

	XLine	ALine
%Strength	: 16	21
TopLoad(lbf)	: 676	878
%Strength(P2)	77	81
TopLoad(P2)	: 1780	1849
PoleTag	Blue Tag	

Structure : Wood, Important, Inspection, As Built, Construction: Suspension  
 Pole : Pine, southern - SP, Class 1, Height(42.0 ft), Circ @GL(44 inch), Circ @GL+6ft(41 inch), Rot (2.0 inch), l  
 Pole (P2) : Cedar, western red-WC, Class 3, Height(42.0 ft), Circ @GL(42 inch), Circ @GL+6ft(39 inch), Rot (0.25 i

Circuit 1A : 69.0 KV , 3B:Dog (ACSR) , CBS 3% , Span 437 ft , 3 Wires , Suspension Insulator  
 Circuit 1B : 69.0 KV , 3B:Dog (ACSR) , CBS 3% , Span 470 ft , 3 Wires  
 Crossarm : Single Arm , Height 34.0 ft , Length 20.0 ft , Width 6 inch , Depth 6 inch

Circuit 2A : 0.0 KV , 5B:St1/4.06 (MS STEEL) , CBS 5% , Span 437 ft , 1 Wire  
 Circuit 2B : 0.0 KV , 5B:St1/4.06 (MS STEEL) , CBS 5% , Span 470 ft , 1 Wire

Option Value Add for Reliability & Design Analysis	Qty	Current Price	Total
Reliability & Design Assessment on "condemned" poles. Based on a threshold of less than 70% of original strength.	TBD	\$185	TBD

*Reliability Analysis for marginal poles (poles of less than 70% of original strength) provides strong return on investment in 2 areas:*

1. *It provides the Asset Management team with an accurate set of metrics to make a replacement decision by helping ensure that poles which are still reliable are not prematurely replaced. This provides an extremely high return in the avoidance of capital replacement costs. Utilities using reliability assessment techniques have had up to 40%-50% of "condemned poles" (poles of lower than 70% original strength) remain in service for an additional 3-5 years.*
2. *It provides the Design/Construction team with core metrics for the design of replacement poles for those poles which are deemed hazardous and require immediate replacement.*

## **The Ultra Fume System**

**UltraFume®** is a general use fumigant that is effective in the remediation of existing decay and also as an internal preservative to prevent future decay infestations. Independent studies show that Ultrafume remains fungi-toxic in excess of 10 years, which allows for 10+ year treatment cycles. UltraFume decomposes to form Methylisothiocyanate, which is a proven fungicide in wood structures.

**UltraFume®** has physical and chemical properties that provide specific safety and handling advantages over other currently registered wood fumigants. UltraFume®, a solid granular powder, has reduced potential to leak from checks and is therefore easier to recover in the event of a spill during application. Ultrafume® is user friendly to applicators and to the environment.

Please refer to Ultra Fume Brochure for more details.

## **The Ultra Truss System**

The UltraTruss® is a high-quality, high-strength restoration system for transmission and distribution utility poles. The UltraTruss restores the bending strength of decayed poles to meet NESC "at replacement" code requirements.

### **Ribs - Reinforced Steel Design**

Most trusses used for restoring poles are shaped like a "C" or a "U". These shapes are considered open sections which means they have a limited stiffness. The rib of the UltraTruss forms a closed section which greatly increases the stiffness of the truss. The stiffer the truss, the better the load transfer. Also, a stiffer truss will reduce the amount of deflection at the top of the pole. The combination of a closed section and transferring the load with the through bolts allows a light-weight truss to obtain high bending strengths. Through bolting to the rib generates a constant spring-load pressure of the truss against the pole. This maintains a tight union of the truss to the pole.

Please refer to Ultra Truss Brochure for more details.

NB#8  
CC/EOC  
10/8/14

MEMORANDUM

To: Jim O'Toole

From: Mike Furmanski

Date: 03OCT14

Re: Pole Replacement Bid Recommendation

On September 30, 2014, the Electric Department received bids for labor and equipment to replace 30 wooden poles. Bids were sent to 5 pole replacement contractors and 5 bids were received. All 5 contractors that submitted bids are qualified to do this type of work. The bids were as follows:

Bidder	30 poles
MJ Electric	\$83,000
Fox Power	\$86,940
Michels Power	\$104,469
Hydaker-Wheatlake	\$106,953
J. Ranck	\$166,375

I am recommending accepting the bid from MJ Electric, LLC of Iron Mountain, MI to replace 30 poles for \$83,000. This is a budgeted item.

Pole Replacement Bid Tab Sheet 30SEP14

Bidder	Defined Work	Hourly Rates Digger/Derrick truck, 2 or 3 man crew	Hourly Rates Bucket Truck, 2 or 3 man crew	Estimated Start Date	Bond/Check
Acot Power	No Bid				
J. Panck	166,375.00	800	765	April 2015	Bond
Hydaker-wheatlake	106,953.00	440 - 3man	440 - 3 man	April 15, 2015	Bond
Michels Power	104,469.00	See Bid	See Bid	Nov 1, 2014	Bond
MJ Electric	83,000.00	See Bid	See Bid	Negotiable	Bond
Fox Power	86,940.00	365 - 3man	365 - 3man	Negotiable	Check

Witnessed by:

*Mike Furman*  
*Bob Stahl*

# Official Bidder's Proposal

Date: 09/29/14

City of Escanaba  
Escanaba, MI 49829

We, the undersigned, agree to furnish the City of Escanaba, Michigan, labor and machinery or equipment, in accordance with the attached minimum specifications, which are part of this proposal, at the following prices:

Lump Sum for defined project: \$ 166,375.00

*If possible, please provide a sum of the individual unit prices listed in Appendix A.*

\*Unit prices based on completing all 30 poles. If 6 or more poles are removed from the contract then new unit prices will need to be negotiated.

Hourly rates for Crews for **additional work not defined** in this proposal:

Digger/Derrick Truck and 2\_\_ or 3\_\_ person Crew \$ 800.00

Bucket Truck and 2\_\_ or 3\_\_ person Crew \$ 765.00

Estimated Start Date: April, 2015

**CERTIFIED CHECK, CASHIER'S CHECK, OR BIDDER'S BOND ENCLOSED IN THE AMOUNT OF:**

\$ 10% of bid total  
(Must be included to qualify)

9/12/2014

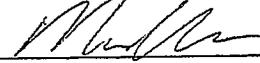
**SUBMITTED BY**

FIRM: J. Ranck Electric, Inc.

ADDRESS: 1993 Gover Parkway

Mt. Pleasant, MI 48858

NAME (PRINT): Matt Warren

SIGNED: 

TITLE: Chief Financial Officer

## Appendix A: Pole Replacement Priority & Identification

For the following units, Contractors should provide an approximate cost for each and submit that total as a lump sum within the Official Bidder's Proposal.

The units/figures below are ranked in priority order as to the pole replacement schedule.

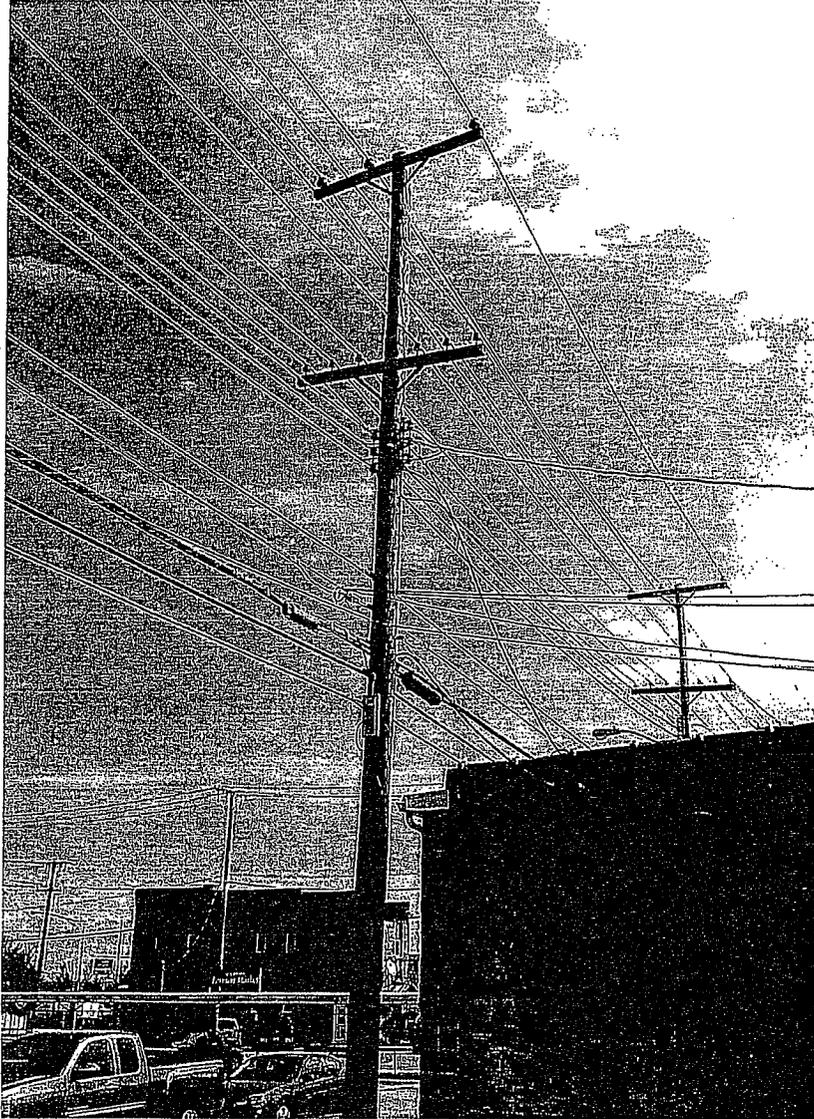


Figure 1 – #1164

Pole Class - Size	CL2 – 45'
Approximate Address	Alley between Ludington & 1 <sup>st</sup> Ave. No. and No.9 <sup>th</sup> & 10 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:

\$8,050.00

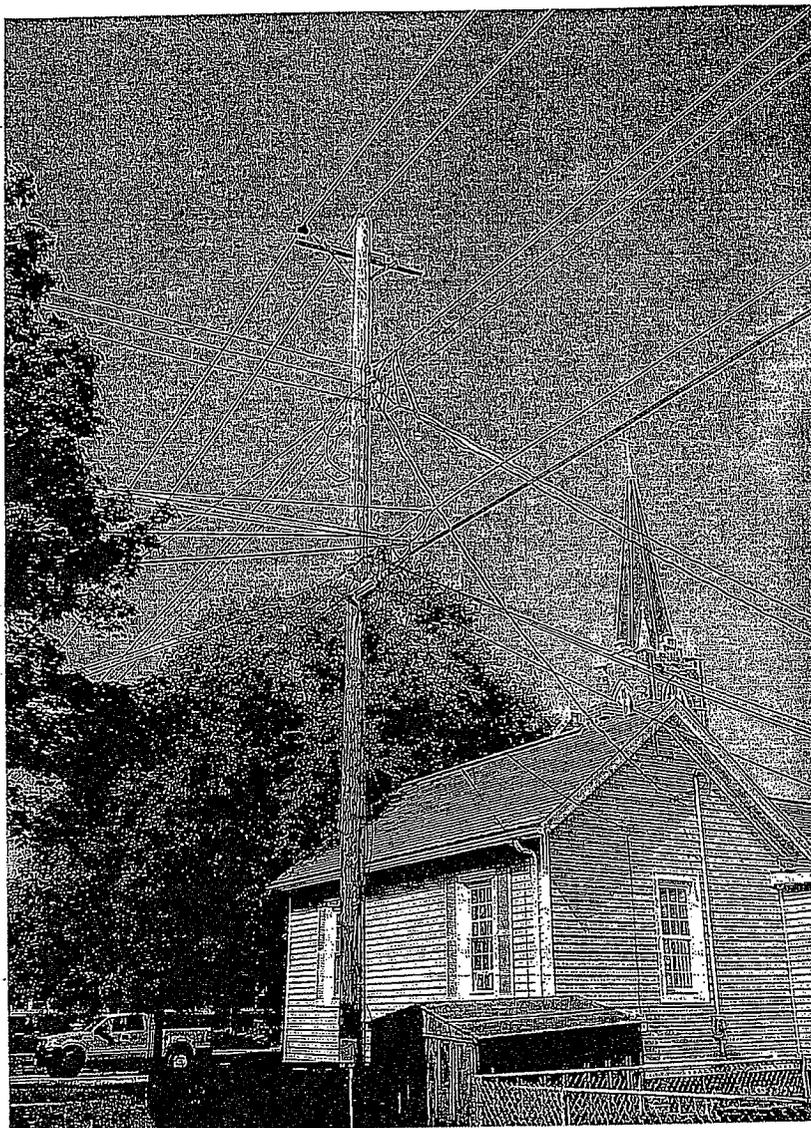


Figure 2 - #1308

Pole Class - Height	CL4 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 10 <sup>th</sup> & 11 <sup>th</sup> St. (north side)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$5,400.00

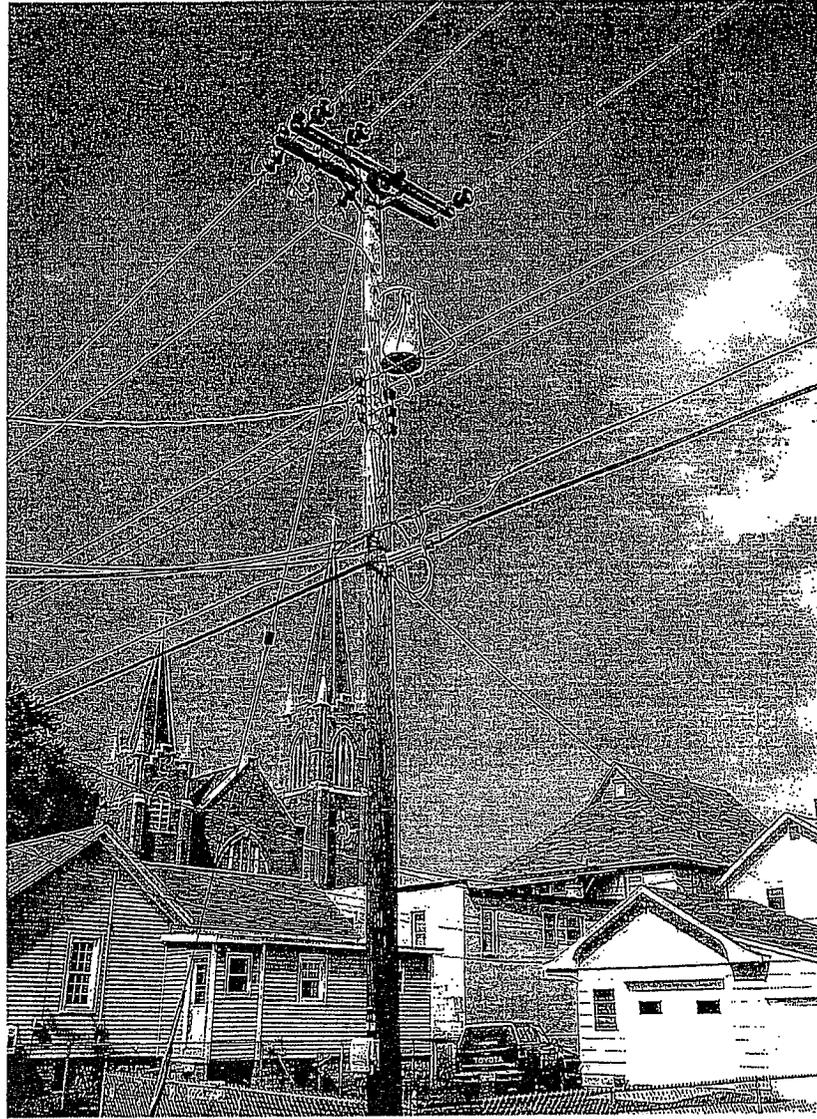


Figure 3 - #1310

Pole Class - Height	CL4 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 10 <sup>th</sup> & 11 <sup>th</sup> St. (north side)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$6,475.00

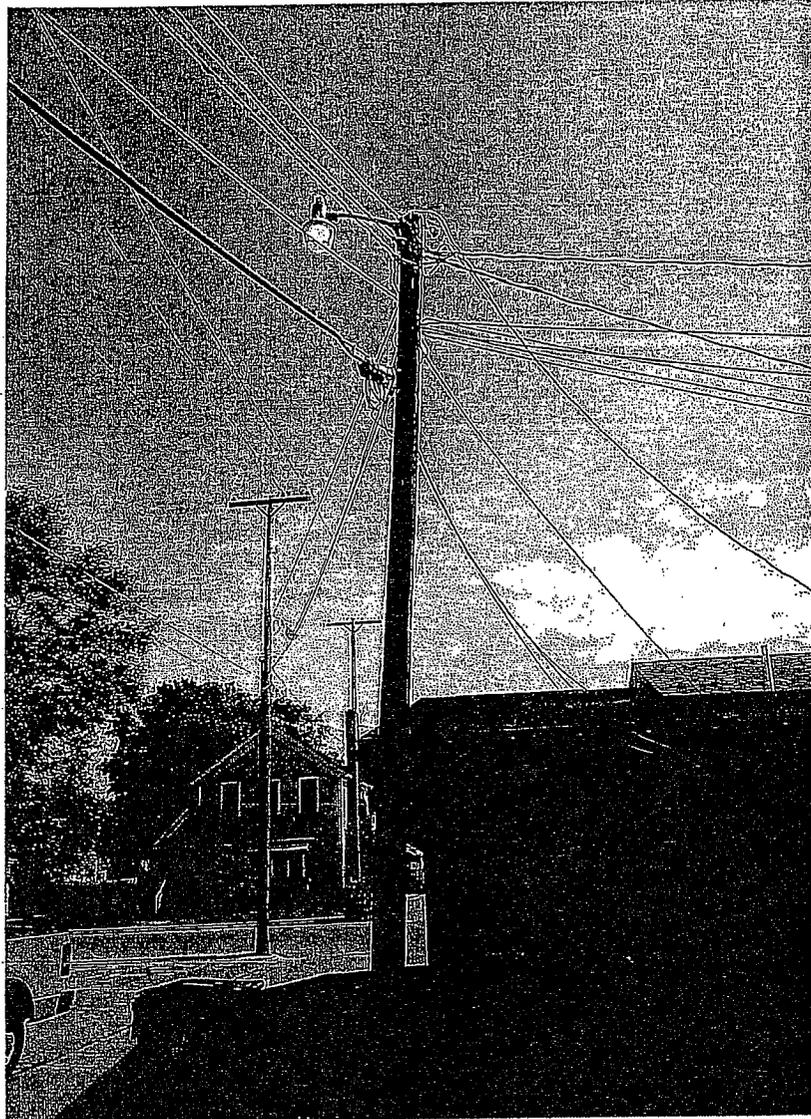


Figure 4 - #1313

Pole Class - Height	CL3 - 30'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 10 <sup>th</sup> & 11 <sup>th</sup> St. (south side)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$3,250.00

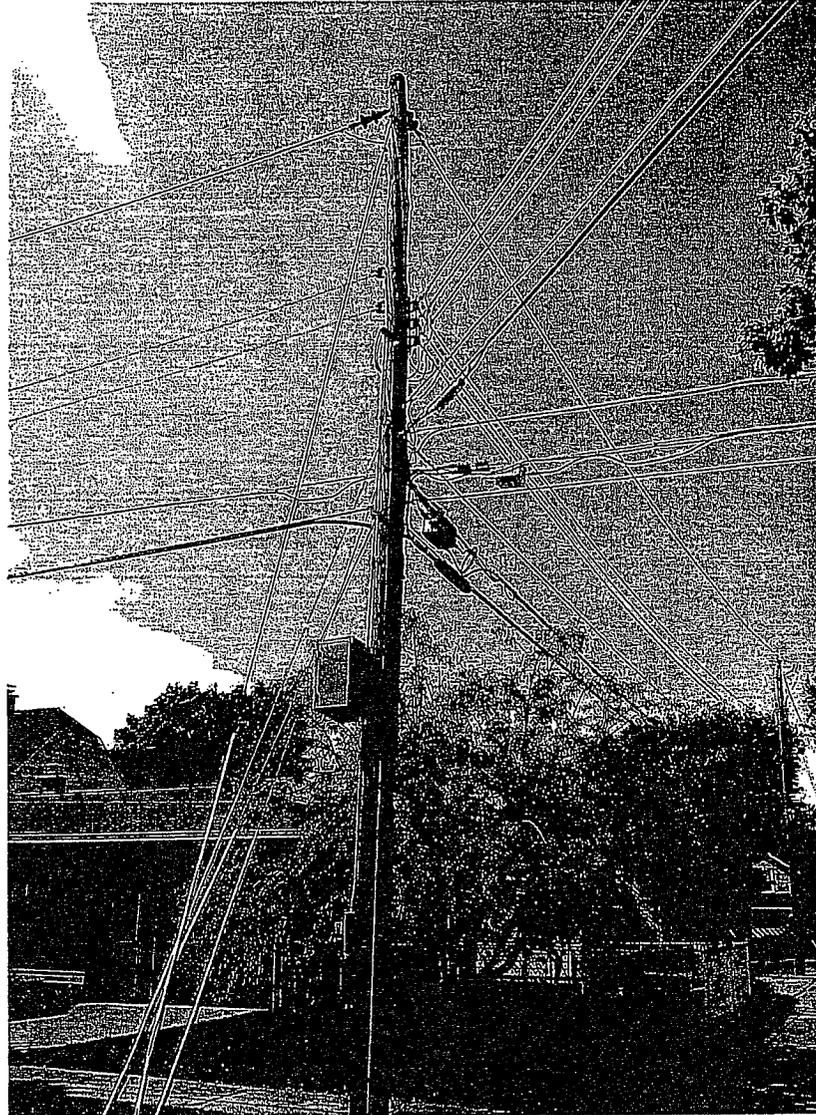


Figure 5 - #1349

Pole Class - Height	CL3 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St. (east end of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$6,475.00

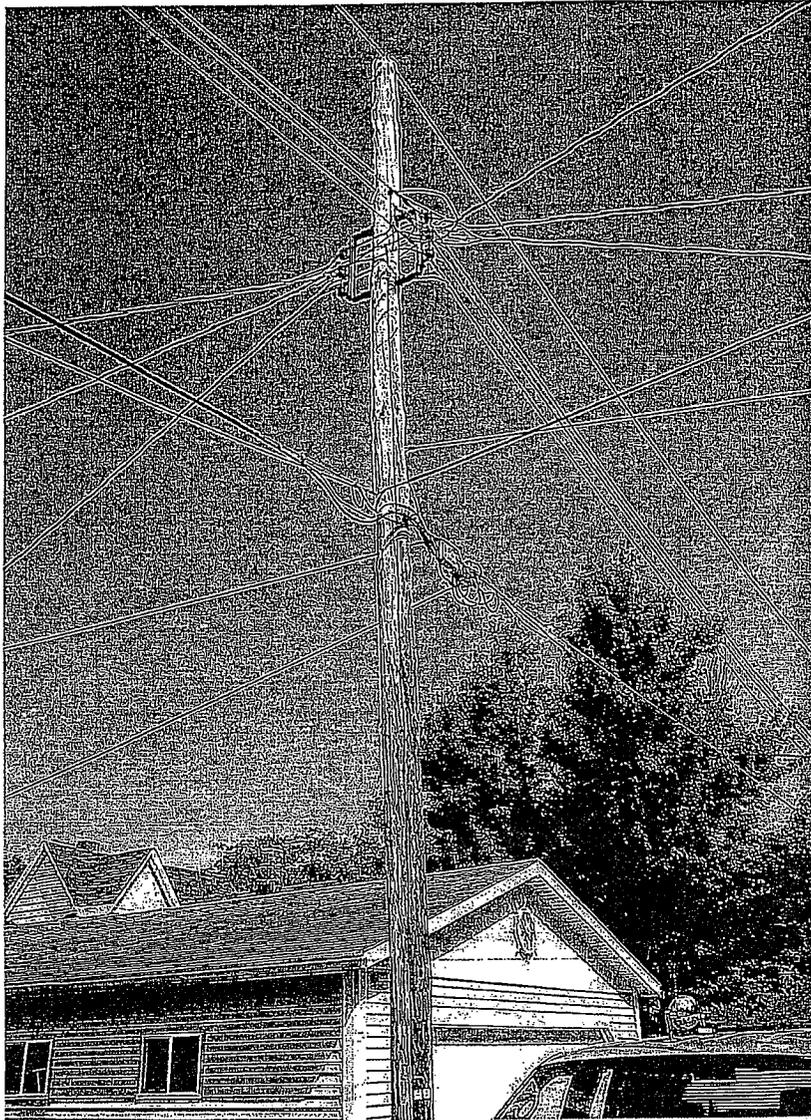


Figure 6 - #1404

<b>Pole Class - Height</b>	CL3 - 45'
<b>Approximate Address</b>	Alley between LSD & Ogden Ave. and 1 <sup>st</sup> Ave. so. & so. 3rd St.
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price:

\$4,325.00

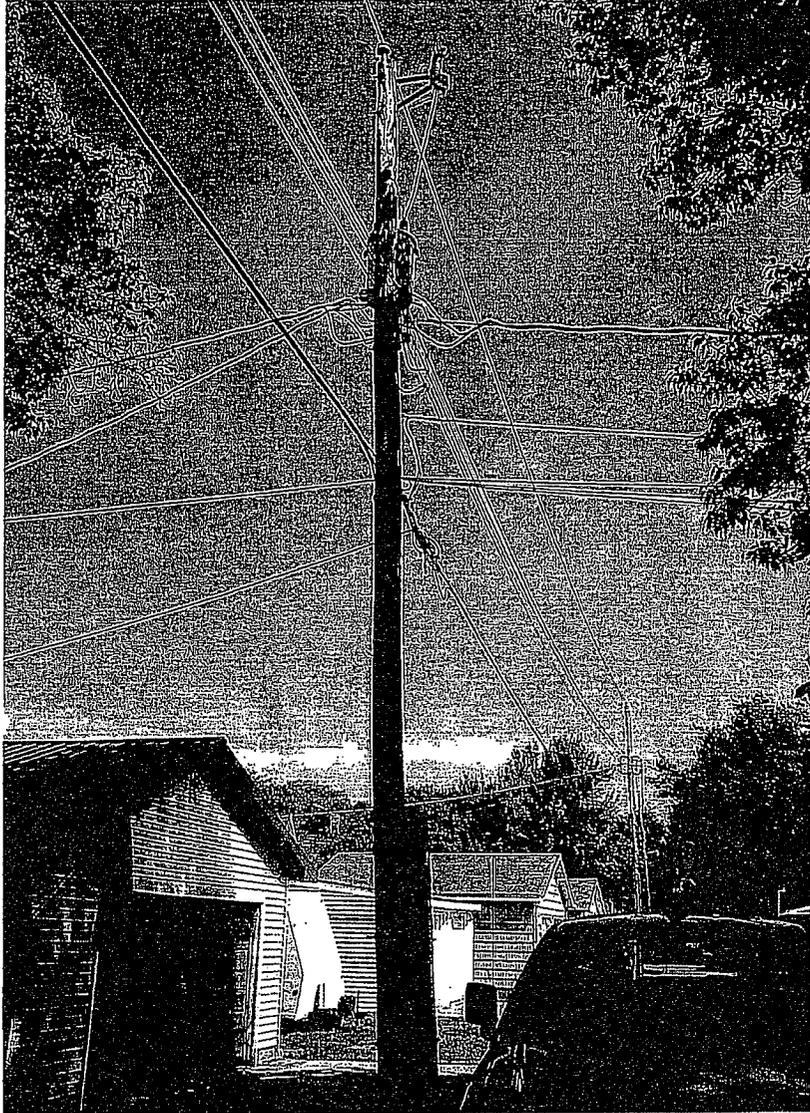


Figure 7 - #1403

Pole Class - Height	CL3 - 45'
Approximate Address	Alley between LSD& Ogden Ave. and 1 <sup>st</sup> Ave. so. & so. 3rd St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$5,400.00

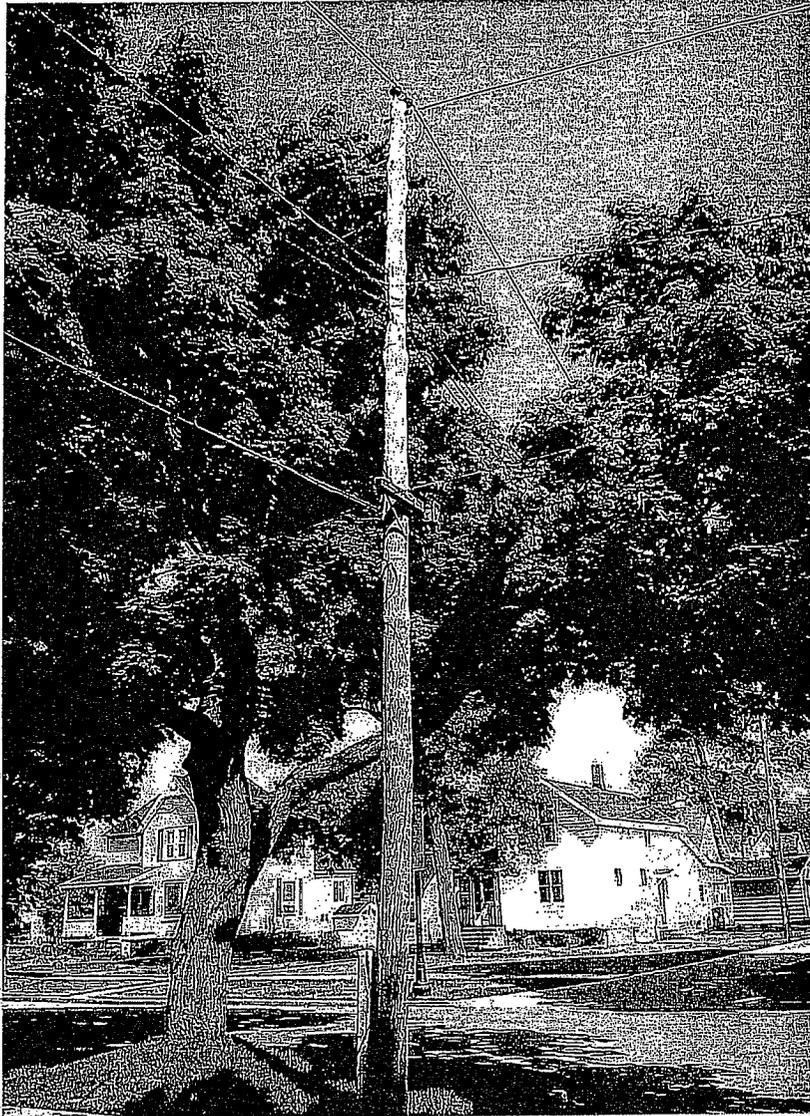


Figure 8 - #1400

Pole Class - Height	CL4 - 40'
Approximate Address	316 So. 3 <sup>rd</sup> Street
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$5,400.00

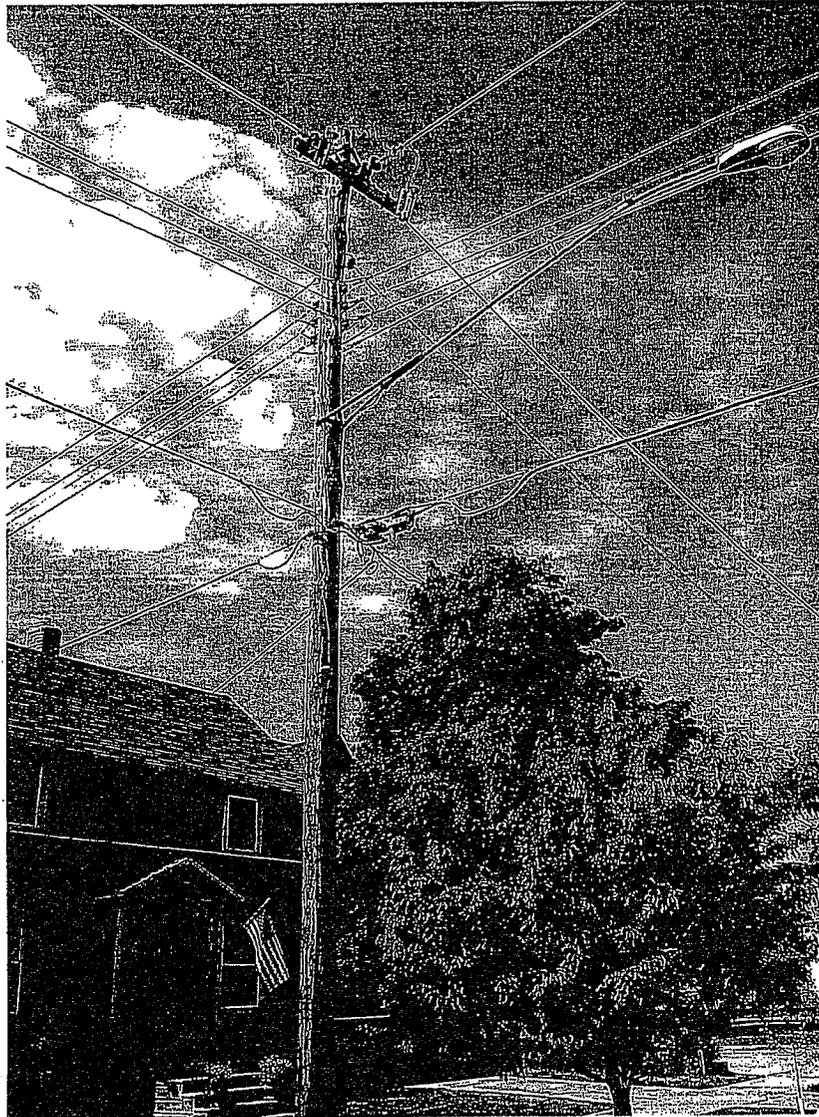


Figure 9 - #1414

Pole Class - Height	CL2 - 40'
Approximate Address	406 So. 4 <sup>th</sup> Street
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$5,400.00



Figure 10 -- #1344

<b>Pole Class - Height</b>	CL4 - 40'
<b>Approximate Address</b>	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St. (north end of alley)
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price: \$3,775.00



Figure 11 - #1283

Pole Class - Height	CL3 - 30'
Approximate Address	Alley between Lud. & 1 <sup>st</sup> Ave. So. and 11 <sup>th</sup> & 12 <sup>th</sup> St. (west end and south side of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$4,325.00

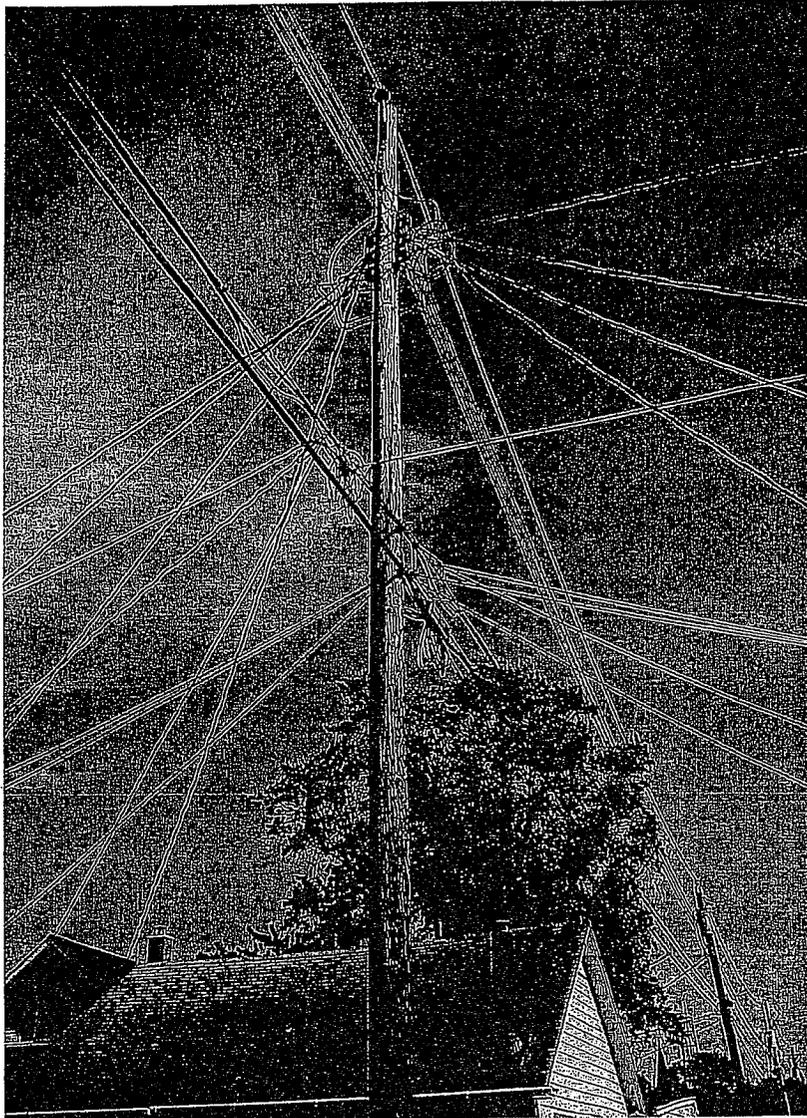


Figure 12 - #1297

Pole Class - Height	CL3 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 13 <sup>th</sup> . & 14 <sup>th</sup> St. ( West end of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$5,400.00

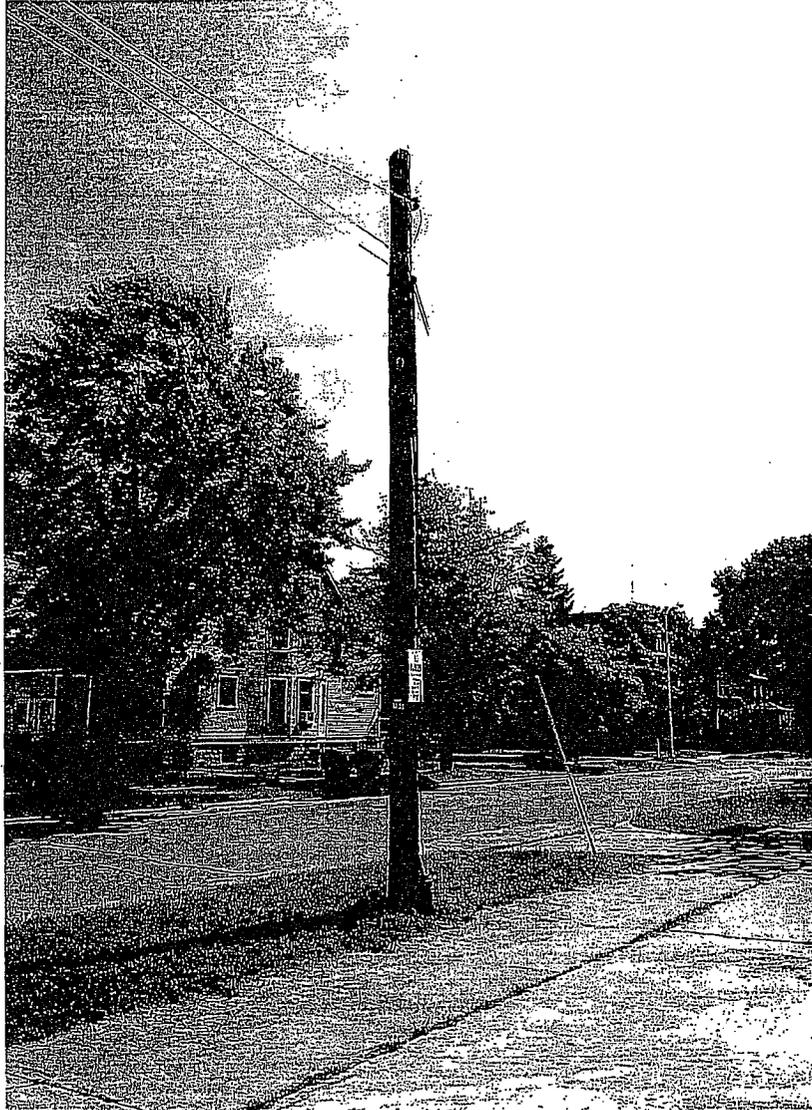


Figure 13 - #1511

Pole Class - Height	
Approximate Address	Alley between Lud.&1 <sup>st</sup> Ave. So. And 16 <sup>th</sup> &17 <sup>th</sup> st.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$5,400.00

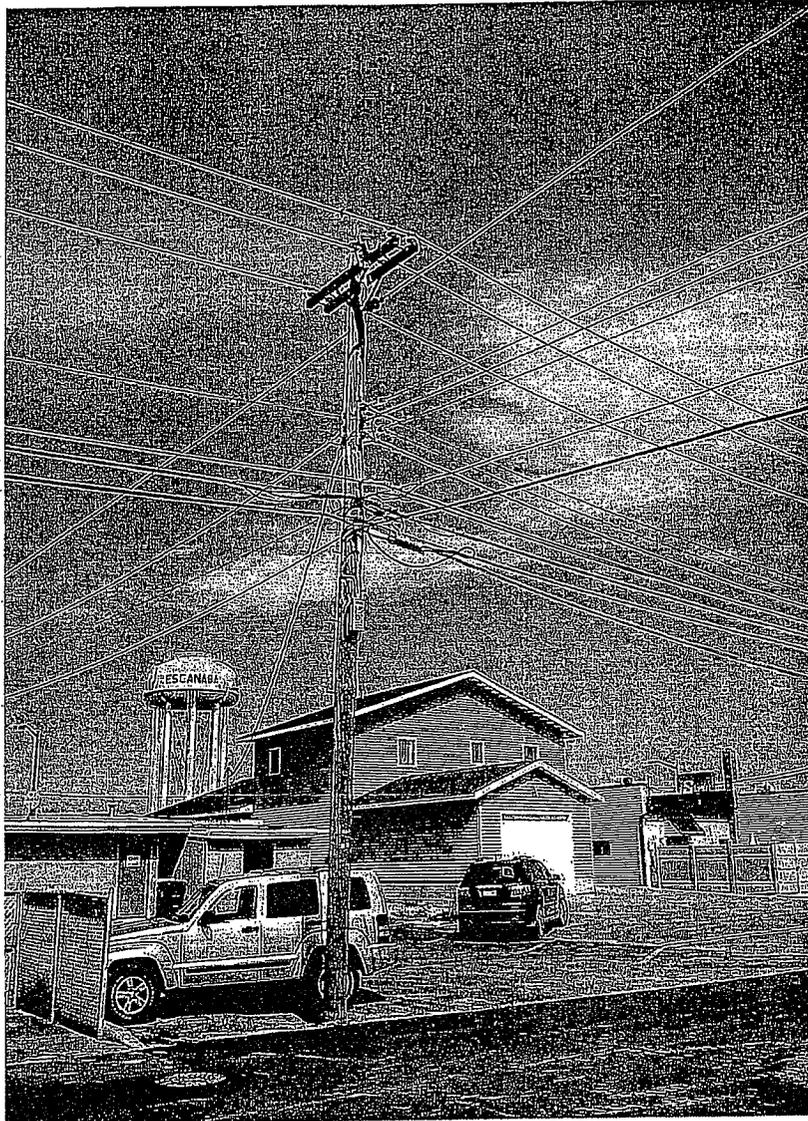


Figure 14 - #1548

Pole Class - Height	CL3 - 40'
Approximate Address	Alley So. of Ludington St. between So. 22 <sup>nd</sup> St. and So. Lincoln
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$7,600.00

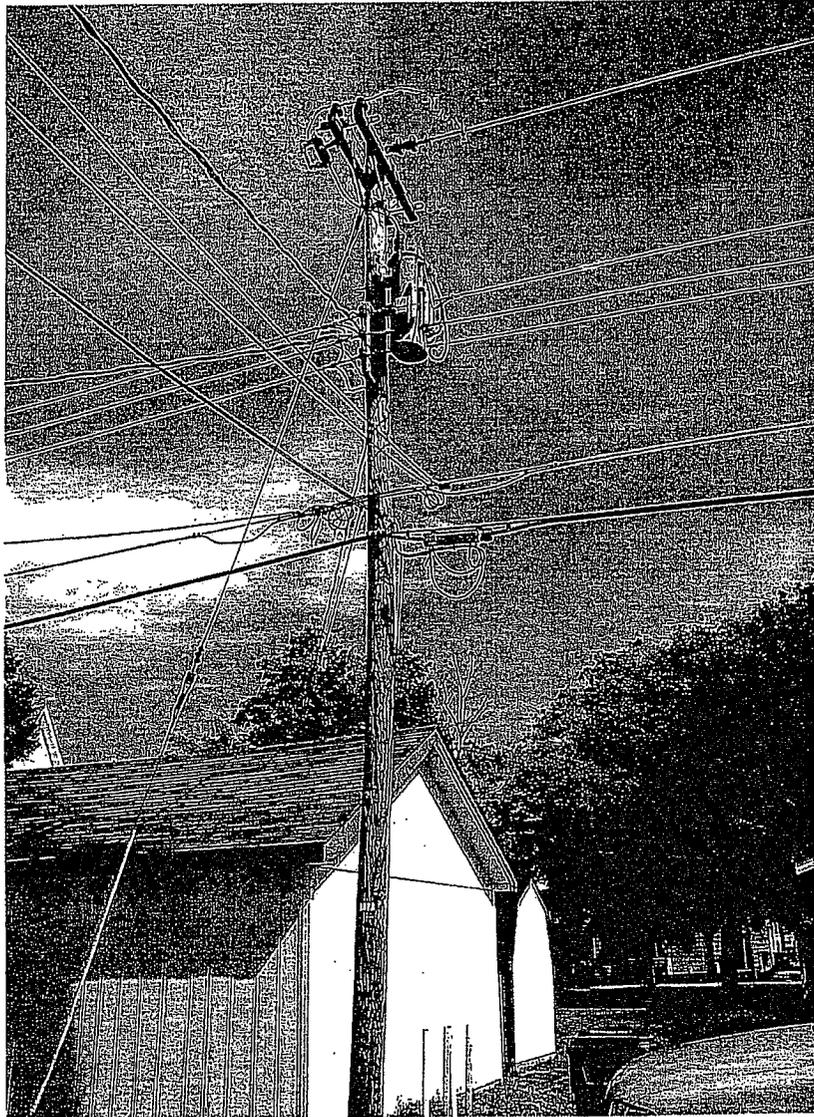


Figure 15 - #1559

Pole Class - Height	CL4 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 15 <sup>th</sup> & 16 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$5,400.00

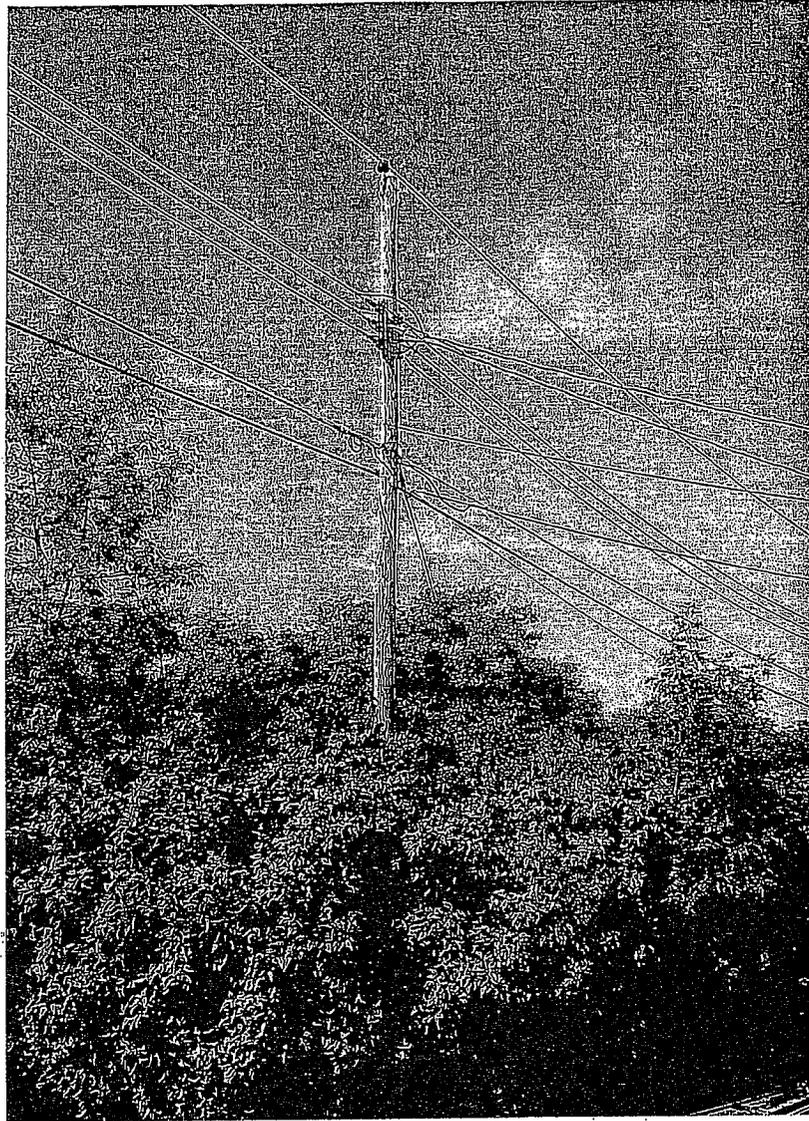


Figure 16 - #1582

Pole Class - Height	CL3 - 35'
Approximate Address	222 So. 19 <sup>th</sup> St. ( S.W. corner of lot)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$5,400.00

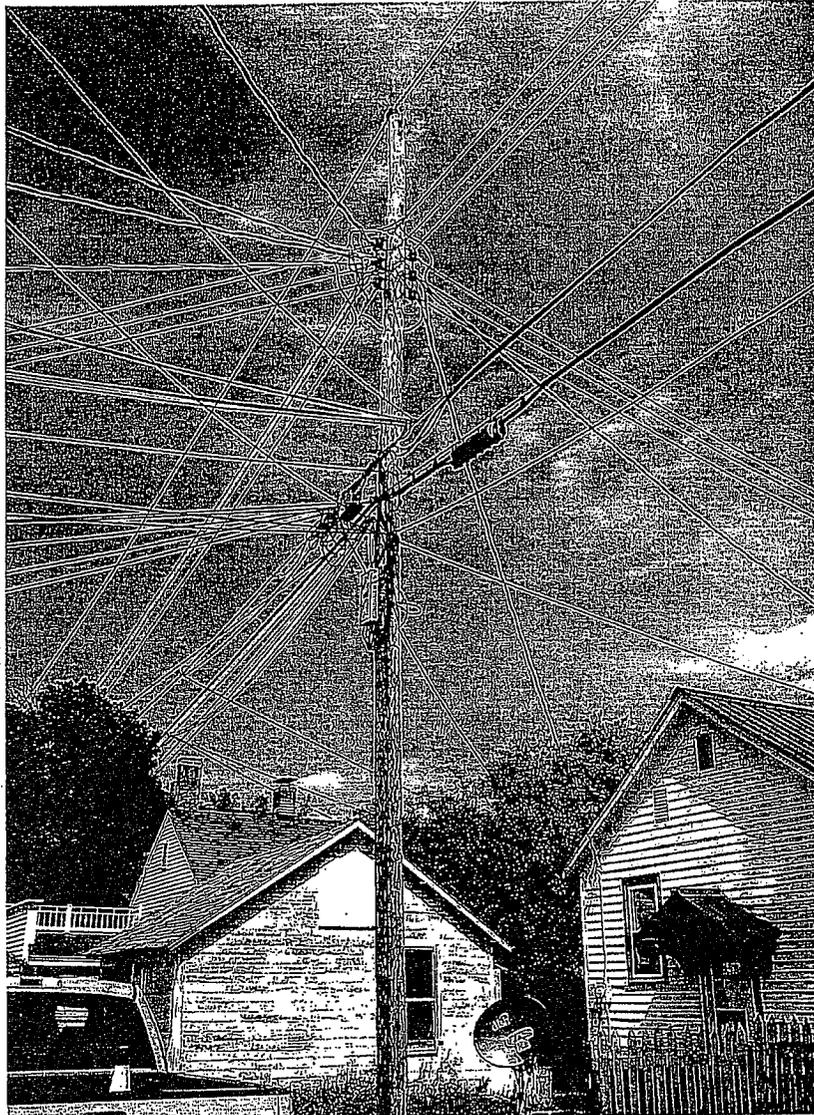


Figure 17 - #1590

Pole Class - Height	CL4 - 35'
Approximate Address	Alley between 2 <sup>nd</sup> & 3 <sup>rd</sup> Ave. So. and 15 <sup>th</sup> & 16 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:

\$5,400.00

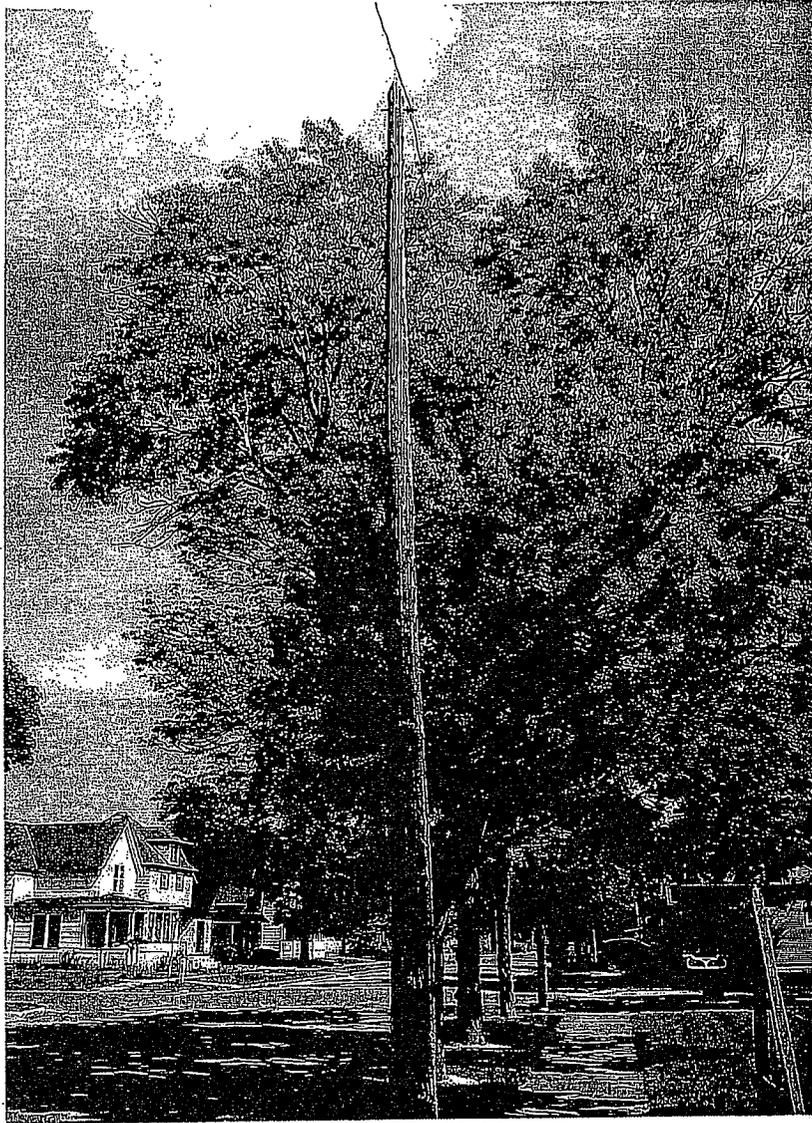


Figure 18 - #1591

Pole Class - Height	CL5 - 35'
Approximate Address	Alley between 2 <sup>nd</sup> & 3 <sup>rd</sup> Ave. So. and 15 <sup>th</sup> & 16 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$4,325.00

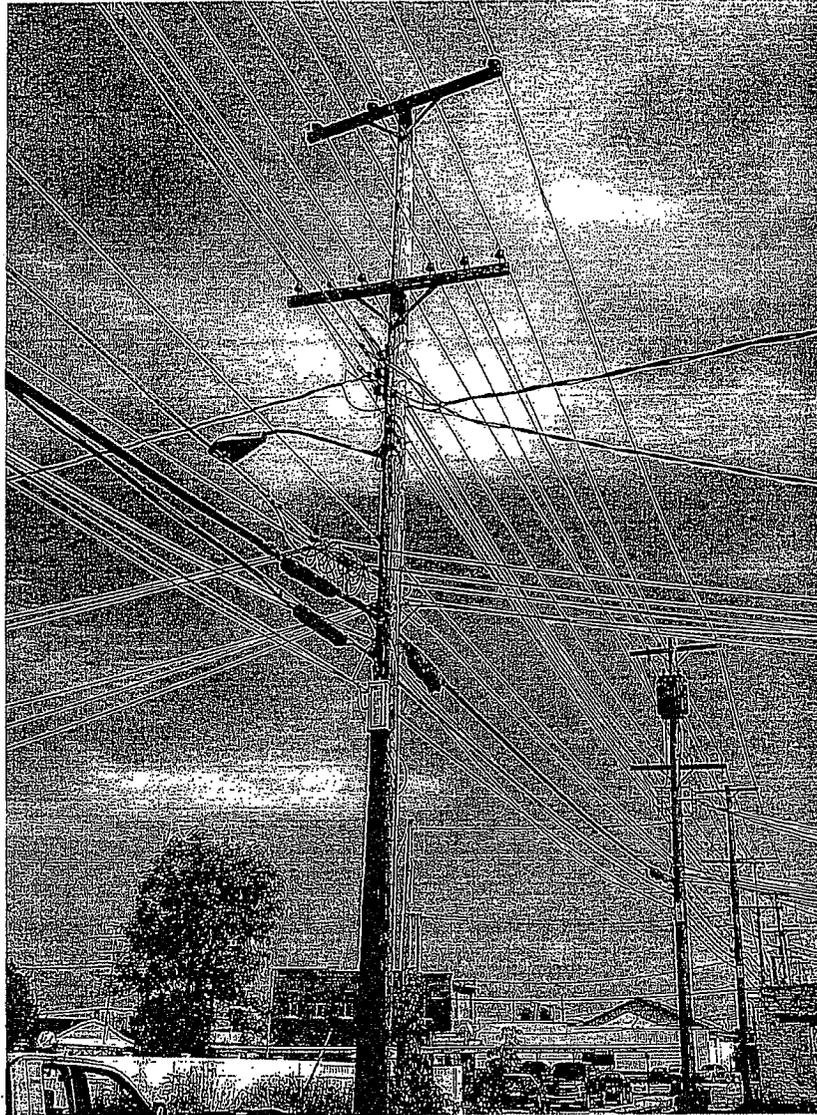


Figure 19 - #1161

Pole Class - Height	CL4 - 45'
Approximate Address	Alley between Lud. & 1 <sup>st</sup> Ave. No. and No. 9 <sup>th</sup> & 10 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:

\$7,550.00

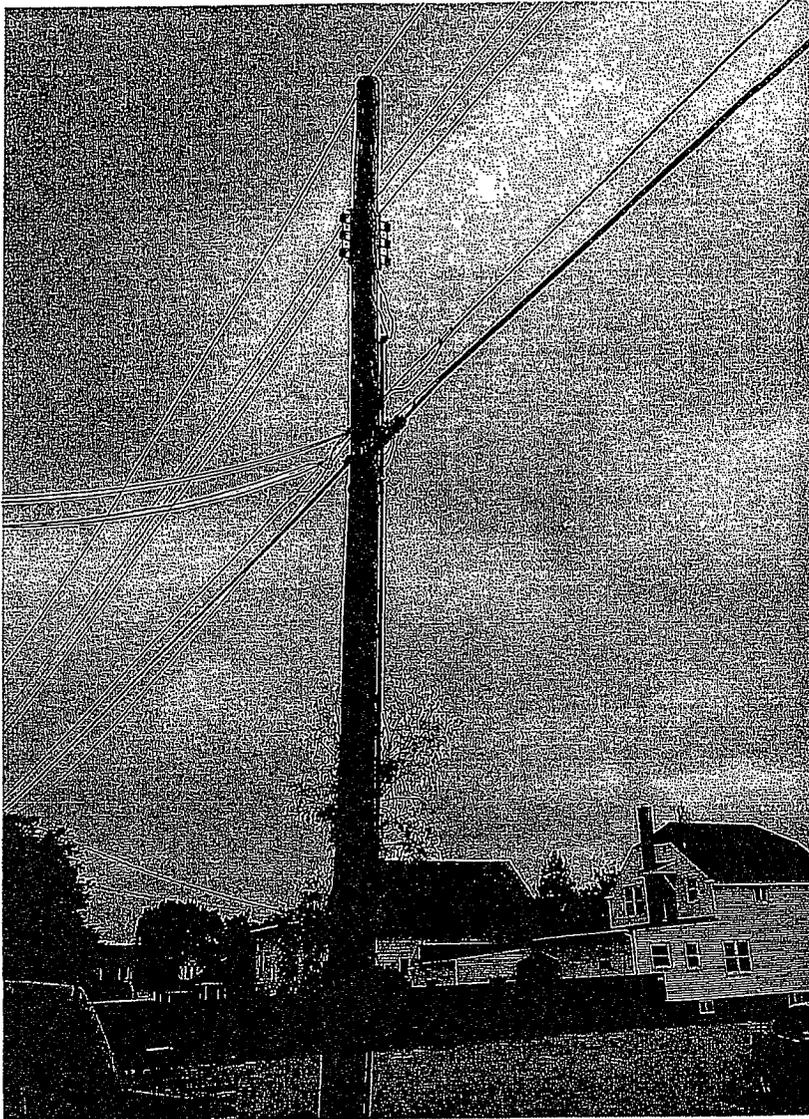


Figure 20 – #1301

Pole Class - Height	CL2 – 40'
Approximate Address	Alley between 1 <sup>st</sup> . & 2 <sup>nd</sup> . Ave. So. and 12 <sup>th</sup> . & 13 <sup>th</sup> . St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$5,400.00



Figure 21 - #1214

Pole Class - Height	CL4 - 40'
Approximate Address	Between Jenkins Drive & L.S.D.(crosses park by fountain )
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$5,400.00

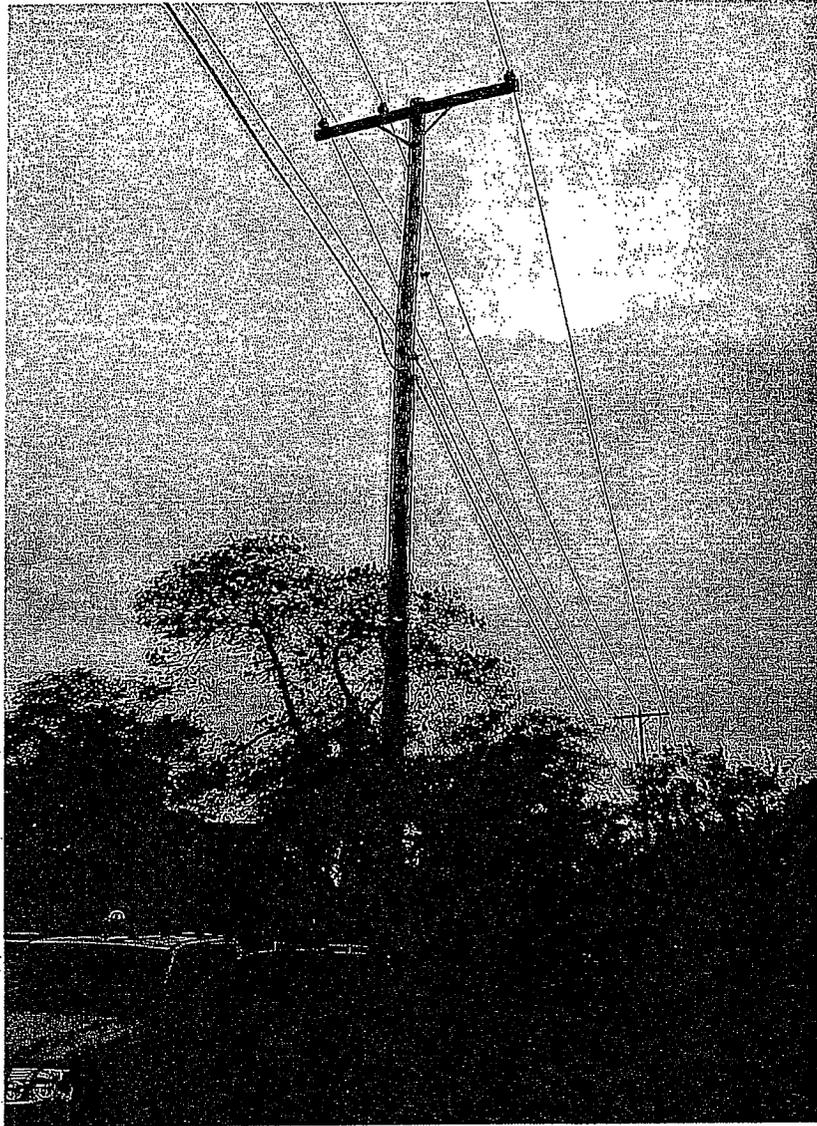


Figure 22 - #1216

Pole Class - Height	CL4 - 40'
Approximate Address	Between L.S.D. and Ludington St. pumphouse-restroom
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$5,400.00



Figure 23 - #1235

Pole Class - Height	CL3 - 40'
Approximate Address	Alley between Lud. & 1 <sup>st</sup> Ave. So. and So. 4 <sup>th</sup> & 5 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \_\_\_\_\_ \$8,700.00



Figure 24 - #1093

Pole Class - Height	CL1 - 45'
Approximate Address	2 <sup>nd</sup> Ave. No. between No.13 <sup>th</sup> & 14 <sup>th</sup> Street
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$6,475.00

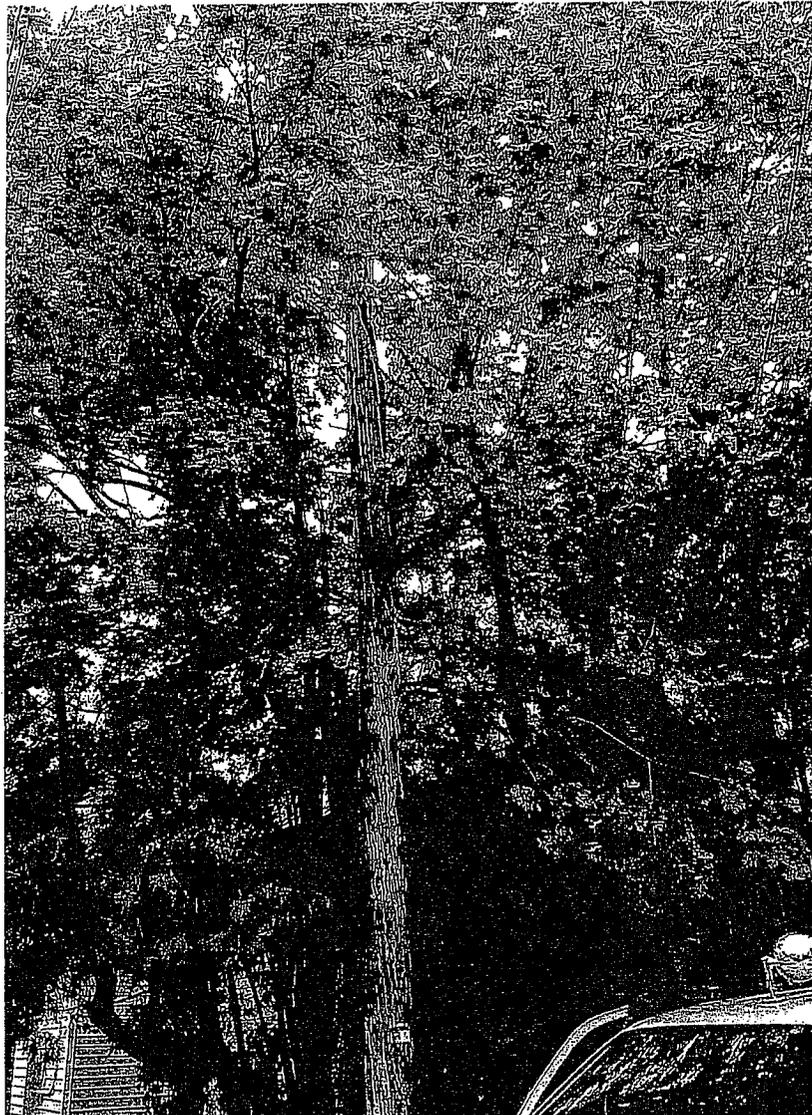


Figure 25 - #1309

Pole Class - Height	CL4 - 35'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 10 <sup>th</sup> & 11 <sup>th</sup> St. (south side of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$5,400.00

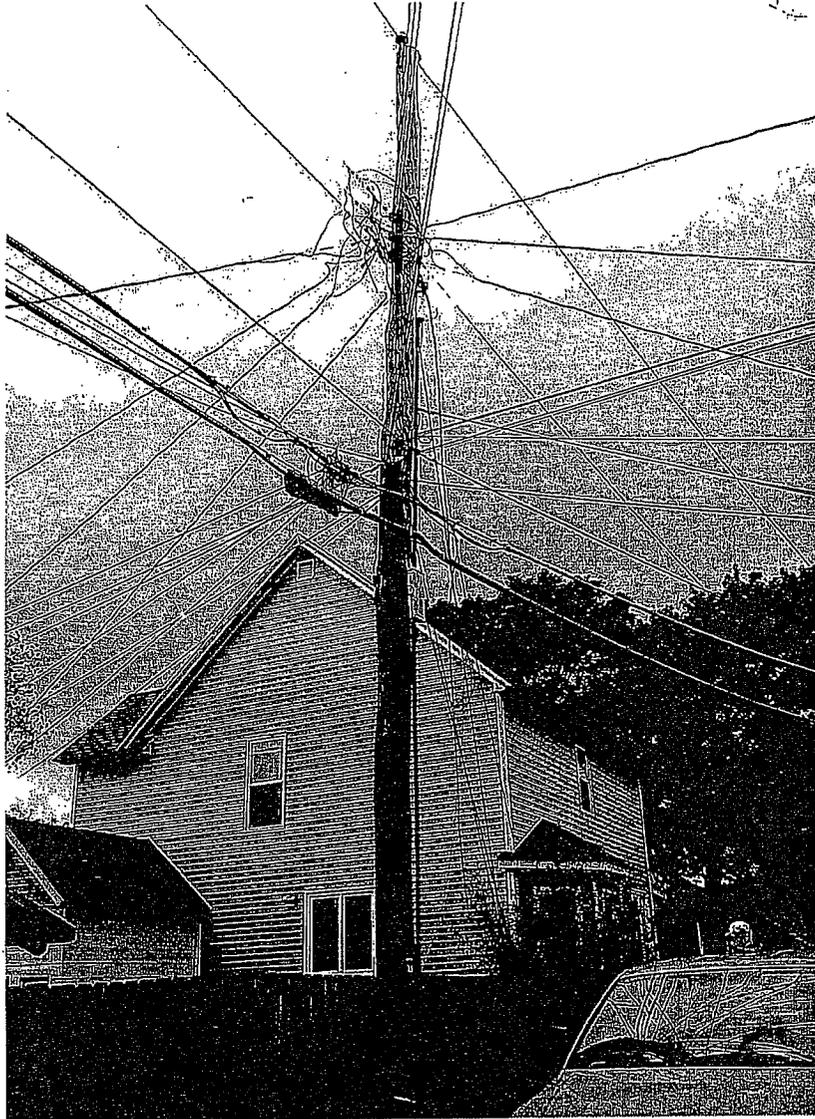


Figure 26 -- #1336

<b>Pole Class - Height</b>	CL4 - 40'
<b>Approximate Address</b>	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 5 <sup>th</sup> & 6 <sup>th</sup> St. (west end of alley)
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price:                     \$5,400.00

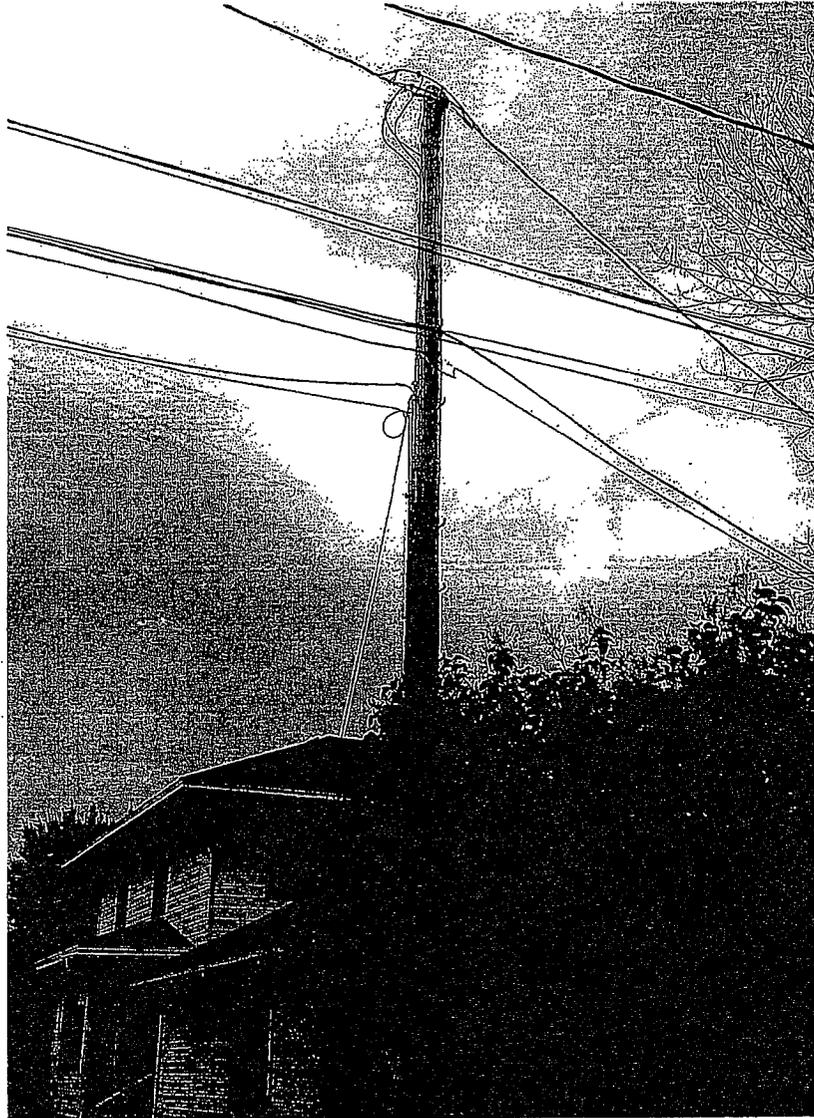


Figure 27 - #1342

Pole Class - Height	CL5 - 30'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St (north side of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \_\_\_\_\_ \$4,325.00





Figure 29 - #1346

Pole Class - Height	CL3 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St. (west end of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \_\_\_\_\_ \$4,325.00



Figure 30 - #1347

Pole Class - Height	CL3 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St. (west end of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:                     \$6,475.00

## Appendix B: Insurance and Conditions:

### *Insurance Requirements*

The Contractor shall furnish proof of insurance establishing minimum coverage as follows:

#### Worker's Compensation

Coverage A	Statutory
Coverage B	\$100,000

#### Comprehensive General Liability

Per occurrence	\$1,000,000
General Aggregate	\$1,000,000
Products/completed operations	
General Aggregate	\$1,000,000

#### Comprehensive Automobile Liability

Combined Single Limits	\$1,000,000
------------------------	-------------

Except for the workers compensation coverage, the City of Escanaba shall be named "additional insured" on all certificates. All policies affording coverage required in this section shall further be endorsed to provide a ten (10) day notice to be delivered to the City before any coverage is either reduced or cancelled.

The Contractor shall furnish Performance and Payment Bonds, each in an amount at least equal to the contract price as security for the faithful performance and payment of all the Contractor's obligations under the contract. These bonds shall remain in effect at least until 6 months after the final payment.

## ***Special Conditions***

1. The Contractor is responsible to ensure that employees know and comply with all applicable safety and technical standards, including but not limited to OSHA, NESC, NEC, ASTM, IEEE and any other standards applicable to and required for compliance with the safety related work practices and technical standards for the work being performed.
2. The City reserves the right to inspect the contractor for compliance with items in 1.), above, at any time, for any reason. Non-compliance shall be deemed a failure to uphold the terms of the contract and the City shall notify the contractor immediately.
3. The successful bidder(s) shall represent themselves as contractors for the City; not City employees. Signage to this effect shall be posted at all times.
4. Bidders are asked to provide pricing for RUS Units listed on the attached spreadsheet. All RUS units include construction and retirement. It is expected, for example, that there will be some underground services that will be transferred. Cable is skinned only at dead-ends and at primary equipment.
5. A performance bond shall be required. Liquidated damages of \$200 per day shall be applied for each day the job is not complete after the designated or otherwise agreed upon completion date.
6. No "hot work" clause or "rock" clause will be allowed. Bidders must consider that cost in standard units after review of the work during the field visit. Absolutely no adders e.g. flaggers, traffic control, off road work, etc. of any kind will be allowed.
7. The Contractor shall be responsible for any and all restoration of property damaged as a result of ingress and egress and the execution of the work. Contractor shall be responsible to return yards to original condition. Contractor shall be responsible for any necessary touch up work to yards up to 12 months after completion of entire project.
8. Material shall be provided by the Utility either at a warehouse location or via other mutually agreeable arrangements. The Contractor shall be responsible for the security of materials until the project is inspected, approved and turned over to the Utility.
9. All contractors must comply with OSHA 1910.269 as applicable.

The Contractor is responsible to have all underground facilities located. The Contractor is responsible to repair damage to any underground facilities. Contractor responsibility for damaged facilities extends up to 12 months after completion of entire project.



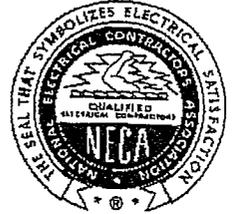
## J. RANCK ELECTRIC, INC.

Phone (989) 775-7393 • Fax (989) 775-8830

24 Hour Service • Phone (888) 459-0594

SHIPPING: 1993 Gover Parkway • Mt. Pleasant, MI 48858

MAILING: P.O. Box 547 • Mt. Pleasant, MI 48804



### SPECIAL MEETING OF BOARD OF DIRECTORS

A special meeting of the Board of Directors of J. Ranck Electric, Inc. was held on the 19<sup>th</sup> of June 2001, 9:00 a.m., on said day in the office of Corporation at 1993 Gover Parkway, Mt. Pleasant, Michigan, pursuant to a written waiver of notice of such meetings, signed by all of the directors, fixing such time and place for the meeting.

We the Undersigned hereto, being officers and directors of J. Ranck Electric, Inc., a Corporation duly organized and existing under the laws of the State of Michigan, do hereby authorize **MATTHEW D. WARREN** to bind the Corporation for all bids, notifications, claims and statements in the event **JAMES A. RANCK** is not present or able to do so.

There being no further business to come before the meeting, the same was thereupon adjourned.

James A. Ranck, President

Lou Ann Ranck, Vice President

**SERVICE DIVISION...Providing TEGG® Electrical Service • 24 Hour Service • (888) 459-0594**

Northern Office: 511 Ashmun • P.O. Box 313 • Sault Ste. Marie, MI 49783 • Phone (906) 632-6721 • Fax (906) 632-7014

Southern Office: 3015 Airpark Drive N. • Flint, MI 48507 • Phone (810) 424-9700 • Fax (810) 424-9750

J. RANCK ELECTRIC, INC. IS AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

9/11/2014

## Official Bidder's Proposal

Date: 9-26-14

City of Escanaba  
Escanaba, MI 49829

We, the undersigned, agree to furnish the City of Escanaba, Michigan, labor and machinery or equipment, in accordance with the attached minimum specifications, which are part of this proposal, at the following prices:

Lump Sum for defined project: \$ \$106,953.00  
If possible, please provide a sum of the individual unit prices listed in Appendix A.

Hourly rates for Crews for **additional work not defined** in the proposal:

Digger/Derrick Truck and 2\_\_ or 3\_x\_ person Crew \$ \$440.00

Bucket Truck and 2\_\_ or 3\_x\_ person Crew \$ \$440.00

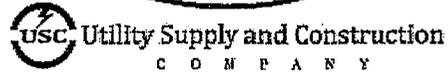
Estimated Start Date: April 15, 2015

**CERTIFIED CHECK, CASHIER'S CHECK, OR BIDDER'S BOND ENCLOSED IN THE AMOUNT OF:**

\$ 10% of Bid Amount

(Must be included to qualify)

City of Escanaba  
410 Ludington Street  
Escanaba MI. 49829



September 26, 2014

[www.uscco.com](http://www.uscco.com)

420 Roth Street • PO Box 147 • Reed City MI 49677  
Phone (231) 832-2258 • Fax (231) 832-4385

**RE: Distribution Pole Replacement Project**

1. We are pleased to submit our Lump Sum Bid for work to be performed in accordance with your letter(s) dated September 11, 2014 and broken down as follows:
  - a. Our Lump Sum Bid if awarded to change all of the proposed 30 poles in one mobilization listed in appendix A: **\$106,953.00**
  - b. If the Owner elects to award HWC individual pole change outs, the cost to mobilize and change out single pole units listed in Appendix A is described on Attachment A
  - c. These costs do not include Materials or Poles.
  - d. We estimate our 3 man Crew including a Digger Derrick and a Bucket Truck for 4-6 weeks to complete all 30 pole change outs. Individual pole change outs will be scheduled accordingly. We can meet your schedule.

If awarded, HWC could begin our work beginning April 13<sup>th</sup>, 2015 and complete our work by June 15<sup>th</sup>, 2015.

5. This bid is based upon a regular 40 hour work week and in conjunction with the most current Labor Agreement in effect between the American Line Builders Chapter, NECA and Local 876 I.B.E.W.
  - a. Our work week is Monday through Thursday, 4 – 10's.
  - b. We understand that all properties will be restored to existing conditions.
  - c. We have included one mobilization. Additional mobilizations-on/off charge will be invoiced at our proposed crew rates
  - d. Any delays caused by material shortage will be invoiced at the proposed crew rates.

Thank you for the opportunity to bid on this project.

Bob Baker  
Hydaker-Wheatlake Co.

## ATTACHMENT A

DESCRIPTION	QTY	Single Pole Change Cost
FIG 1 - #1164	1	\$11,708.53
FIG 2 - #1308	1	\$10,630.42
FIG 3 - #1310	1	\$11,708.53
FIG 4 - #1313	1	\$9,013.27
FIG 5 - #1349	1	\$11,708.53
FIG 6 - #1404	1	\$9,013.27
FIG 7 - #1403	1	\$9,013.27
FIG 8 - #1400	1	\$9,013.27
FIG 9 - #1414	1	\$11,708.53
FIG 10 - #1344	1	\$9,013.27
FIG 11 - #1283	1	\$9,552.32
FIG 12 - #1297	1	\$9,552.32
FIG 13 - #1511	1	\$8,474.21
FIG 14 - #1548	1	\$11,708.53
FIG 15 - #1559	1	\$10,630.42
FIG 16 - #1582	1	\$9,552.32
FIG 17 - #1590	1	\$9,552.32
FIG 18 - #1591	1	\$7,935.16
FIG 19 - #1161	1	\$11,708.53
FIG 20 - #1301	1	\$8,474.21
FIG 21 - #1214	1	\$9,013.27
FIG 22 - #1216	1	\$9,013.27
FIG 23 - #1235	1	\$10,630.42
FIG 24 - #1093	1	\$9,552.32
FIG 25 - #1309	1	\$9,013.27
FIG 26 - #1336	1	\$9,013.27
FIG 27 - #1342	1	\$7,935.16
FIG 28 - #1341	1	\$8,474.21
FIG 29 - #1346	1	\$8,474.21
FIG 30 - #1347	1	\$9,013.27



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/25/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Van Wyk Risk Solutions 2237 Wealthy Street SE Suite 200 Grand Rapids MI 49506	CONTACT NAME: Richard Eitman	
	PHONE (A/C, No, Ext): (616) 942-5070 FAX (A/C, No): (616) 942-8199 E-MAIL ADDRESS: ricke@vanwykcorp.com	
INSURED HYDAKER-WHEATLAKE COMPANY, POWERLINE SUPPLY CO, CROSSROADS MOBILE MAINTENANCE, LLC., ET AL. 420 ROTH STREET REED CITY MI 49677	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A NATIONAL UNION FIRE INS. CO. OF PA.	
	INSURER B NEW HAMPSHIRE INSURANCE COMPANY	
	INSURER C FIRST SPECIALTY INSURANCE CORP.	
	INSURER D ALTERRA AMERICA INSURANCE CO.	
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: CL1451811415 REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR YWVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY			7133059	7/1/2014	7/1/2015	EACH OCCURRENCE \$ 1,000,000	
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000	
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 10,000	
	<input checked="" type="checkbox"/> BLANKET CONTRACTUAL						PERSONAL & ADV INJURY \$ 1,000,000	
	<input checked="" type="checkbox"/> X, C, U						GENERAL AGGREGATE \$ 2,000,000	
	GENL AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$ 2,000,000	
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC						\$	
A	AUTOMOBILE LIABILITY			3945441	7/1/2014	7/1/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000	
	<input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS						BODILY INJURY (Per person) \$	
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS						BODILY INJURY (Per accident) \$
								PROPERTY DAMAGE (Per accident) \$
							Uninsured motorist property \$	
C	UMBRELLA LIAB		<input checked="" type="checkbox"/> OCCUR	IRE 2000514 00	7/1/2014	7/1/2015	EACH OCCURRENCE \$ 5,000,000	
	<input checked="" type="checkbox"/> EXCESS LIAB		<input type="checkbox"/> CLAIMS-MADE				AGGREGATE \$ 5,000,000	
	<input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0						\$	
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			036333122	7/1/2014	7/1/2015	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A				E.L. EACH ACCIDENT \$ 1,000,000	
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000	
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000	
D	EXCESS LIABILITY			MAXA3RC30001315	7/1/2014	7/1/2015	\$5,000,000 LIMIT EXCESS \$5,000,000	
A	HIRED AUTO PHYS DAMAGE			3945441	7/1/2014	7/1/2015	\$5,000 DEDUCTIBLE COMP & COLLISION	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
CERTIFICATE HOLDER IS AN ADDITIONAL INSURED ON THE GENERAL LIABILITY AND AUTO LIABILITY POLICY PER WRITTEN CONTRACT.

## CERTIFICATE HOLDER

## CANCELLATION

CITY OF ESCANABA 410 LUDINGTON STREET ESCANABA, MI 49829	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE  Richard Eitman/RICK

ACORD 25 (2010/05)

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INS025 (201005) 01

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9/11/2014

## Official Bidder's Proposal

Date: September 30, 2014

City of Escanaba  
Escanaba, MI 49829

We, the undersigned, agree to furnish the City of Escanaba, Michigan, labor and machinery or equipment, in accordance with the attached minimum specifications, which are part of this proposal, at the following prices:

Lump Sum for defined project: \$ 104,469.00

*If possible, please provide a sum of the individual unit prices listed in Appendix A.*

Hourly rates for Crews for **additional work not defined** in this proposal:

Digger/Derrick Truck and 2    or 3    person Crew \$ Please see attached rate sheets.

Bucket Truck and 2    or 3    person Crew \$ Please see attached rate sheets.

Estimated Start Date: November 1, 2014

**CERTIFIED CHECK, CASHIER'S CHECK, OR BIDDER'S BOND ENCLOSED IN THE AMOUNT OF:**

\$ 10% of the bid amount  
(Must be included to qualify)

9/11/2014

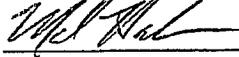
**SUBMITTED BY**

FIRM: Michels Power, a division of Michels Corporation

ADDRESS: 1775 E. Shady Lane

Neenah, WI 54956

NAME (PRINT): Mark Harasha

SIGNED: 

TITLE: Senior Vice President





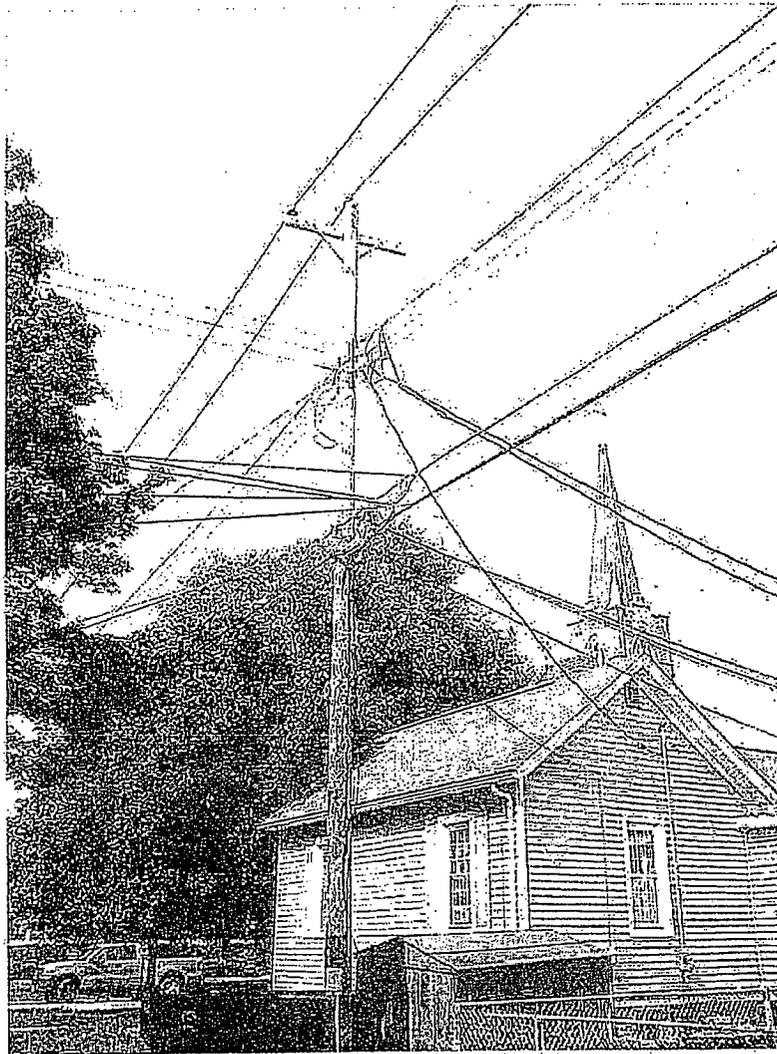


Figure 2 - #1308

<b>Pole Class - Height</b>	CL4 - 40'
<b>Approximate Address</b>	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 10 <sup>th</sup> & 11 <sup>th</sup> St. (north side)
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price: \$3,887.34

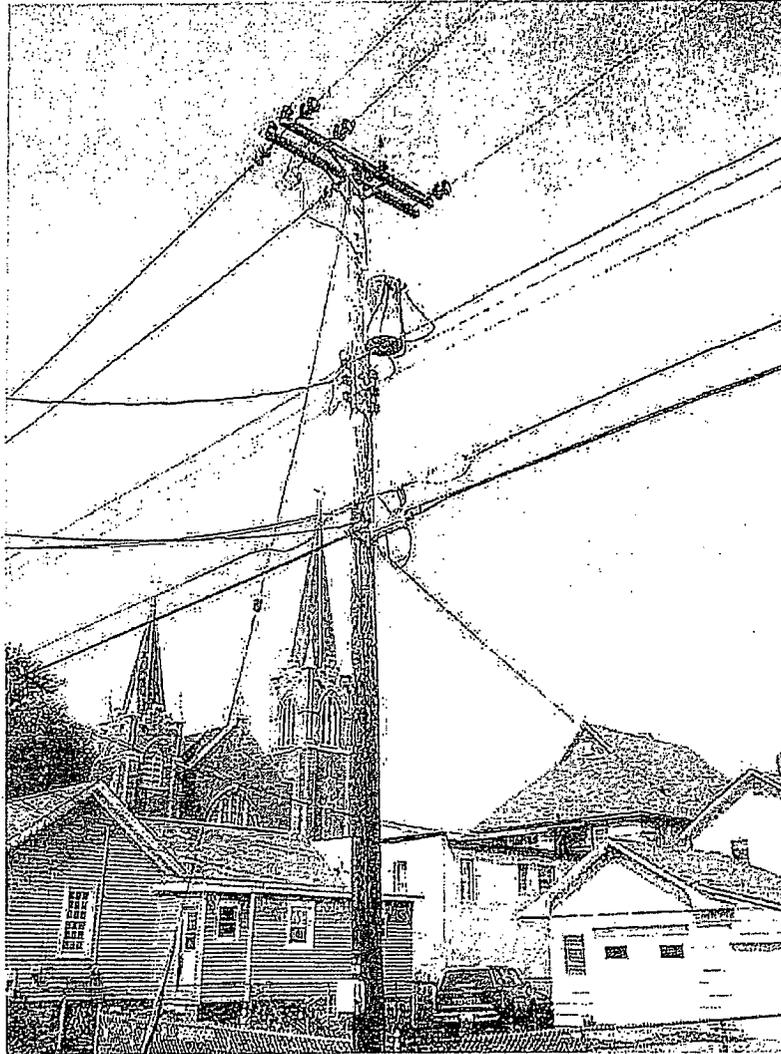


Figure 3 - #1310

Pole Class - Height	CL4 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 10 <sup>th</sup> & 11 <sup>th</sup> St. (north side)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$6,434.70

9/11/2014

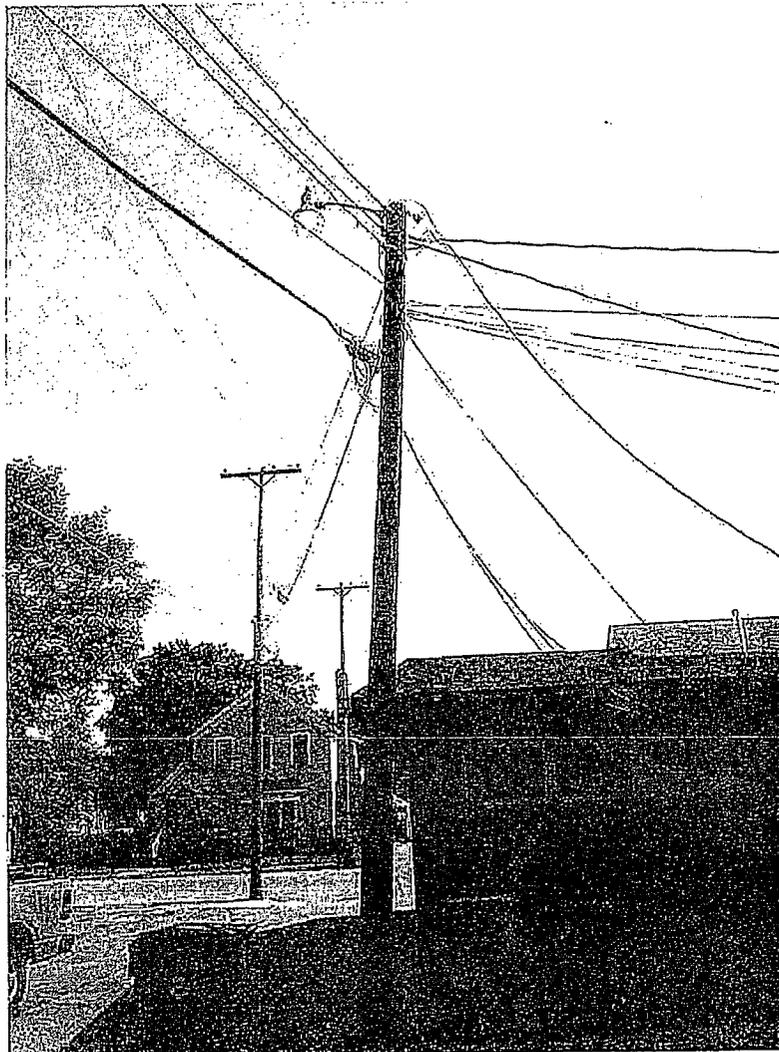


Figure 4 - #1313

Pole Class - Height	CL3 - 30'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 10 <sup>th</sup> & 11 <sup>th</sup> St. (south side)
Approximate RUS Unit Assemblies	-
Special Notes	

Bid Price:

\$2,580.51

9/11/2014

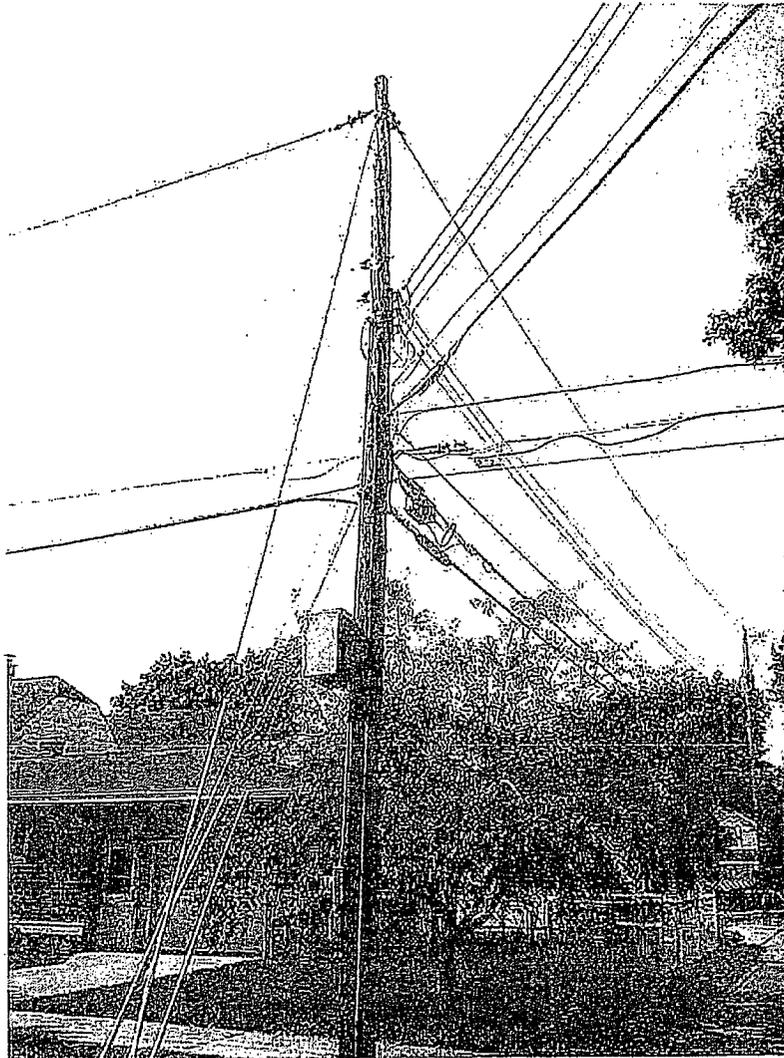


Figure 5 - #1349

Pole Class - Height	CL3 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St. (east end of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$4,218.78

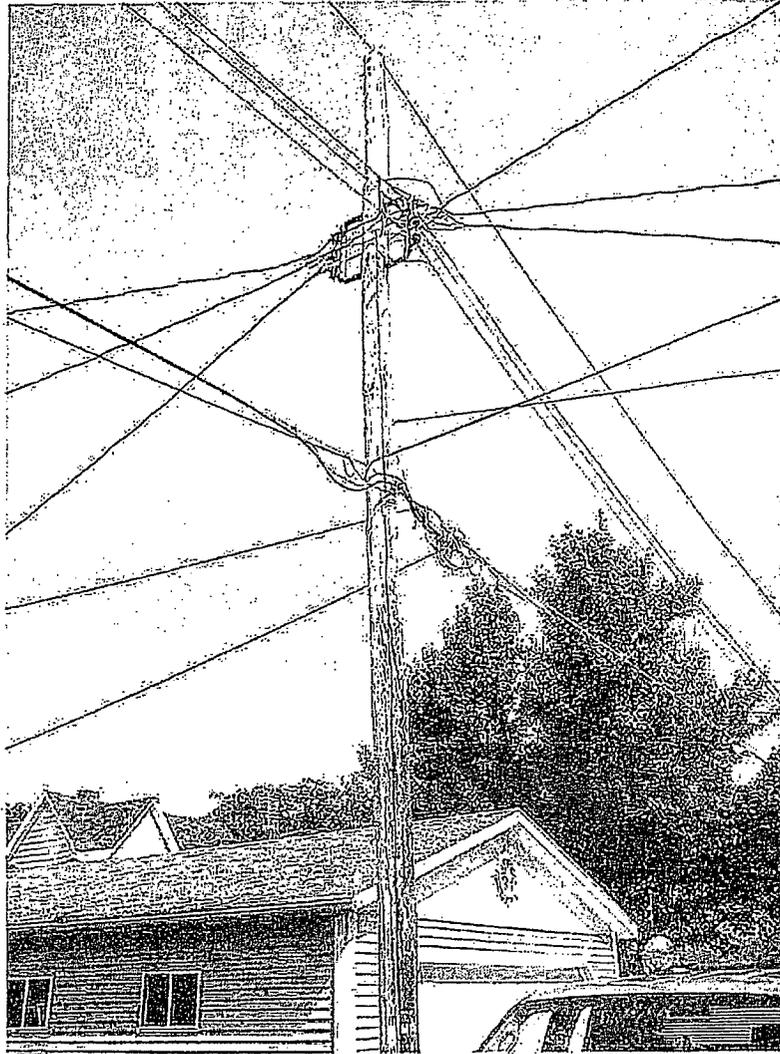


Figure 6 - #1404

Pole Class - Height	CL3 - 45'
Approximate Address	Alley between LSD& Ogden Ave. and 1 <sup>st</sup> Ave. so. & so. 3rd St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$3,328.62



9/11/2014

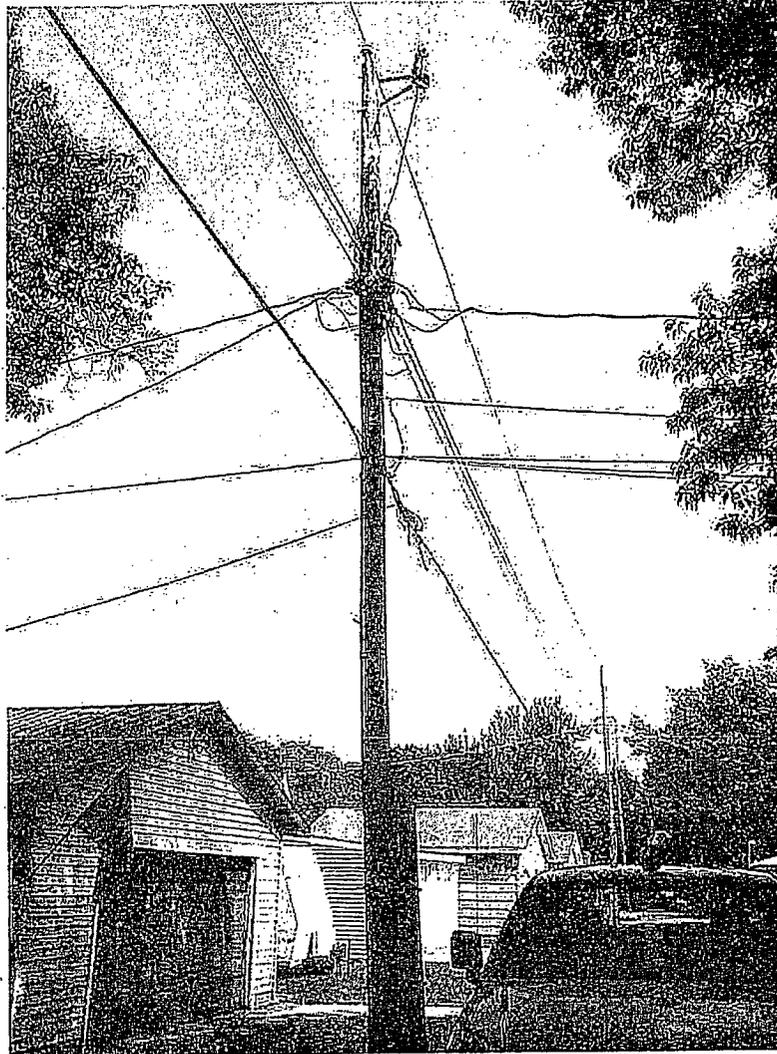


Figure 7 - #1403

Pole Class - Height	CL3 - 45'
Approximate Address	Alley between LSD & Ogden Ave. and 1 <sup>st</sup> Ave. so. & so. 3rd St.
Approximate RUS Unit Assemblies	-
Special Notes	

Bid Price: \$3,754.76

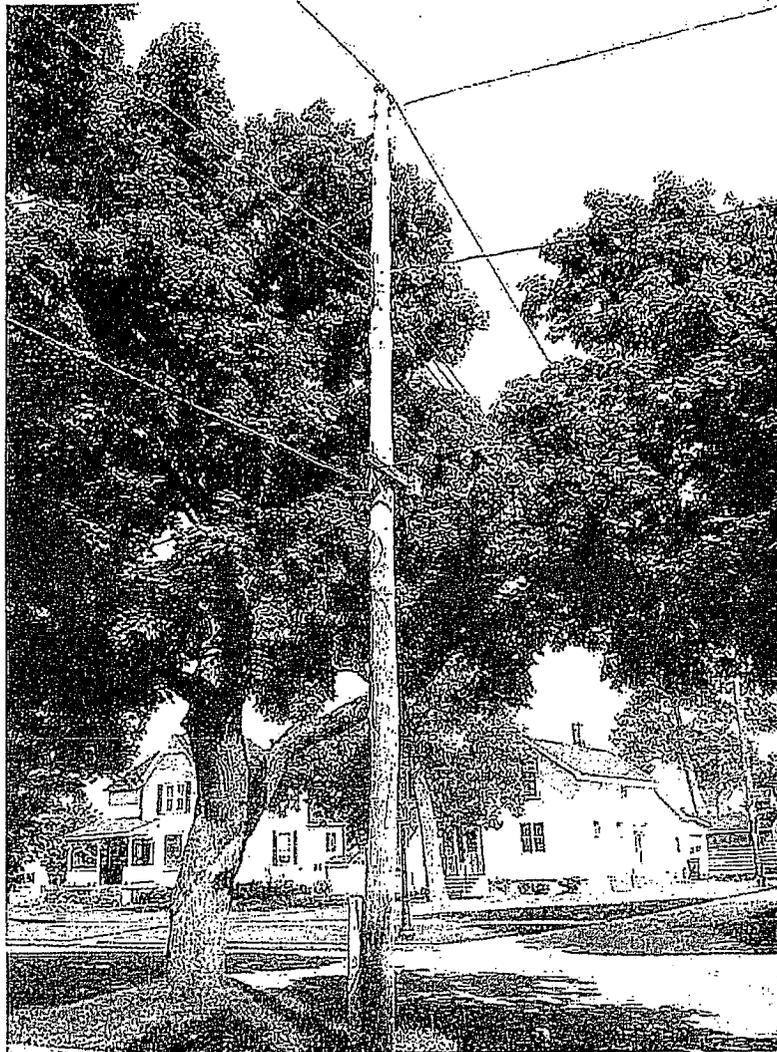


Figure 8 - #1400

Pole Class - Height	CL4 - 40'
Approximate Address	316 So. 3 <sup>rd</sup> Street
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: 3,920.48

9/11/2014

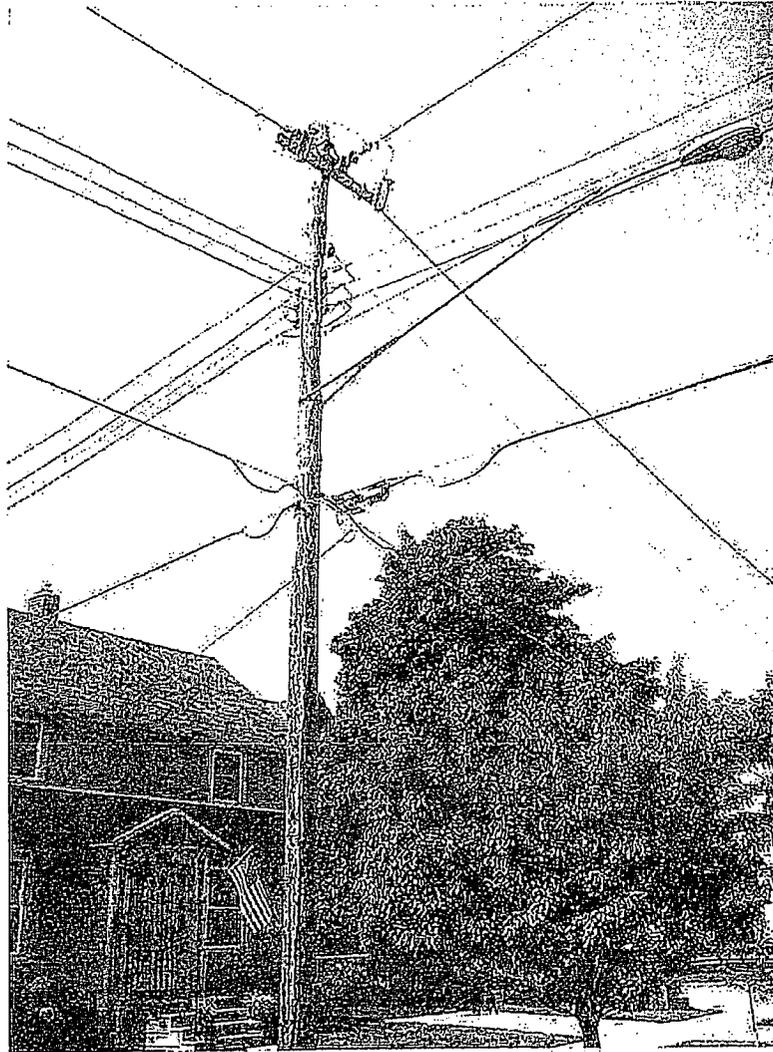


Figure 9 - #1414

Pole Class - Height	CL2 - 40'
Approximate Address	406 So. 4 <sup>th</sup> Street
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$5,601.36



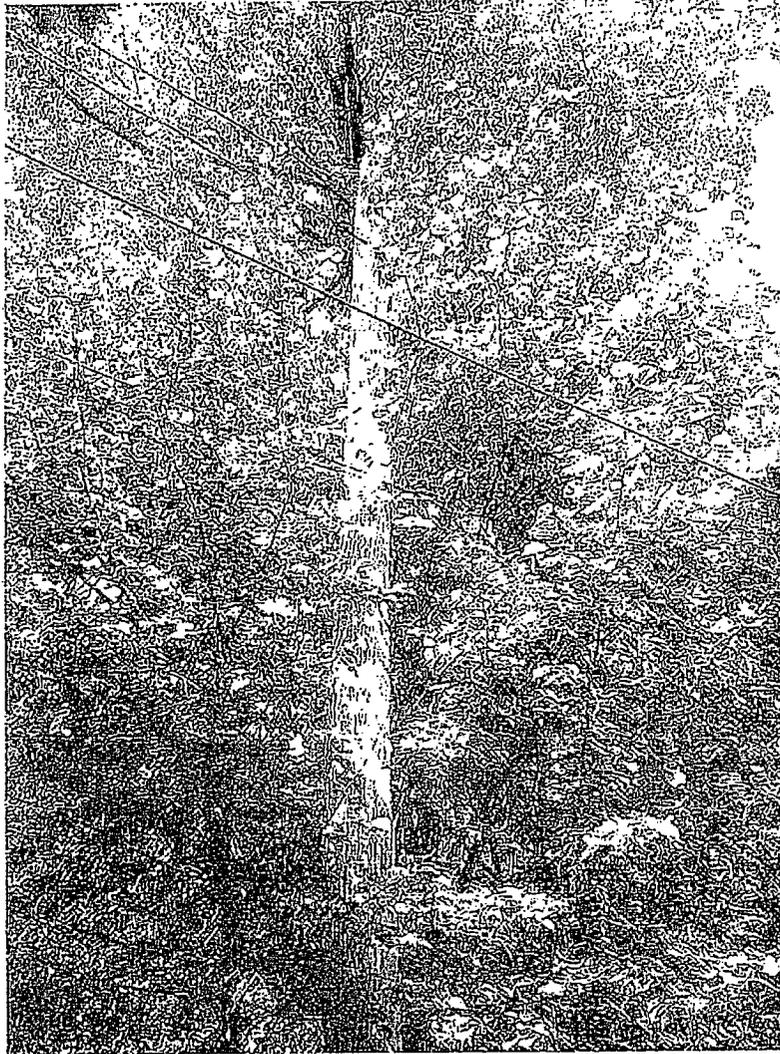


Figure 10 - #1344

Pole Class - Height	CL4 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St. (north end of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$2,272.75



9/11/2014

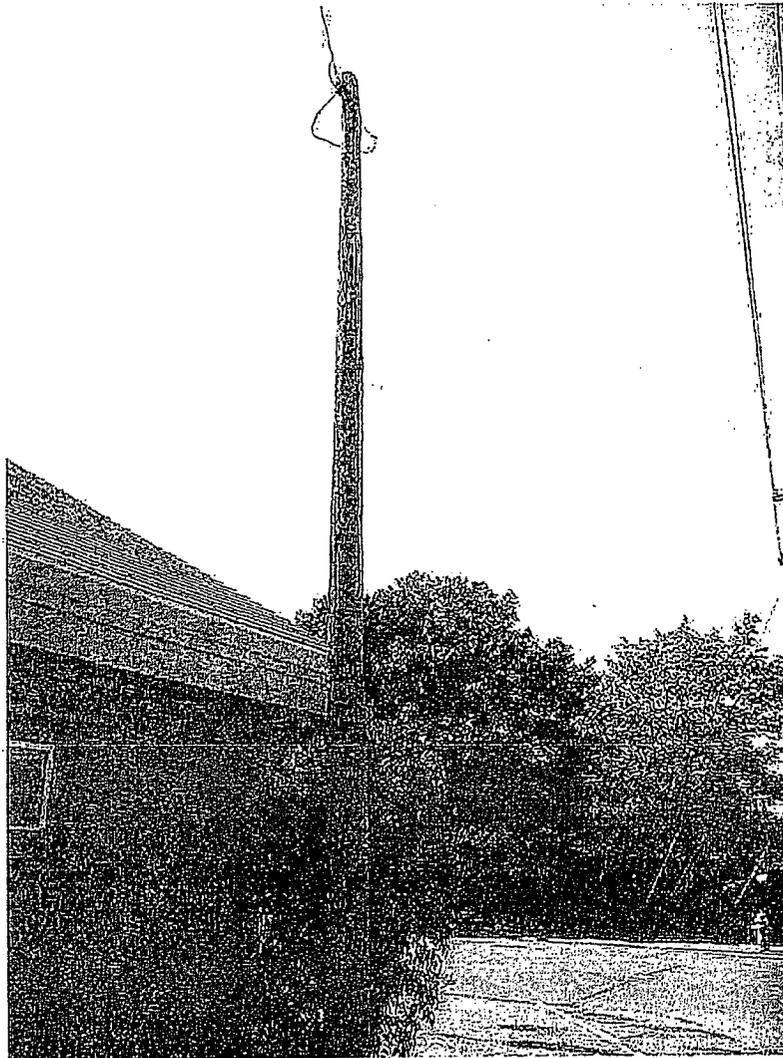


Figure 11 - #1283

Pole Class - Height	CL3 - 30'
Approximate Address	Alley between Lud. & 1 <sup>st</sup> Ave. So. and 11 <sup>th</sup> & 12 <sup>th</sup> St. (west end and south side of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$2,569.77



9/11/2014

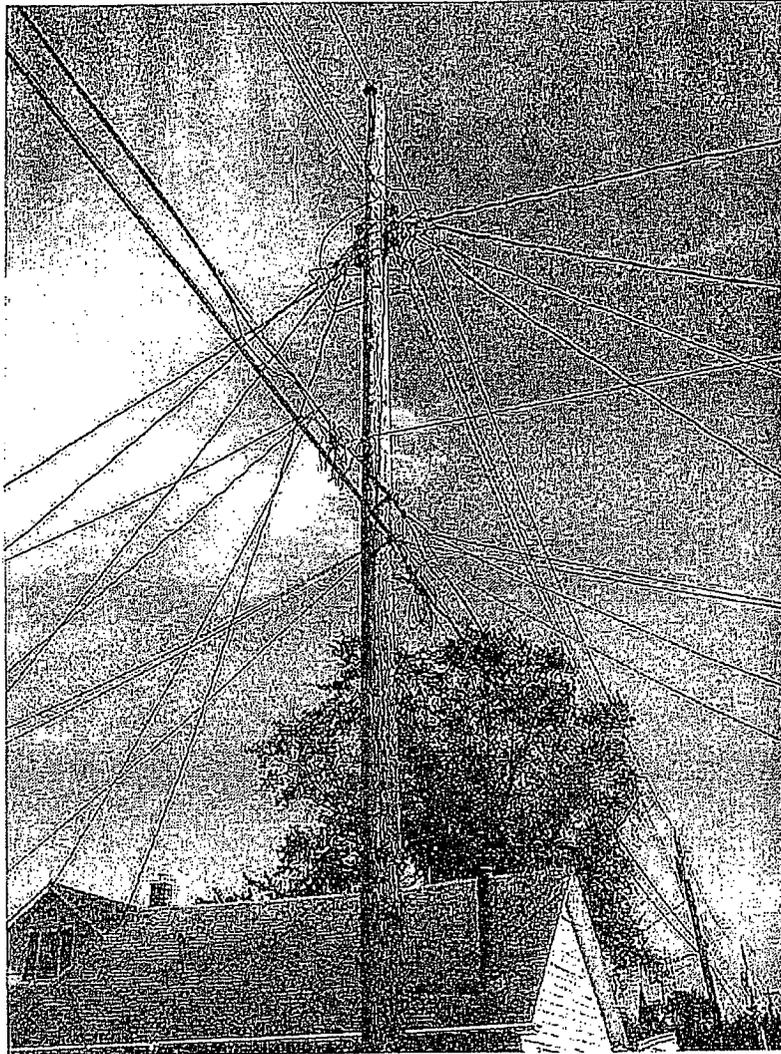


Figure 12 - #1297

<b>Pole Class - Height</b>	CL3 - 40'
<b>Approximate Address</b>	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 13 <sup>th</sup> . & 14 <sup>th</sup> St. ( West end of alley)
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price:                     \$3,825.78                    



9/11/2014

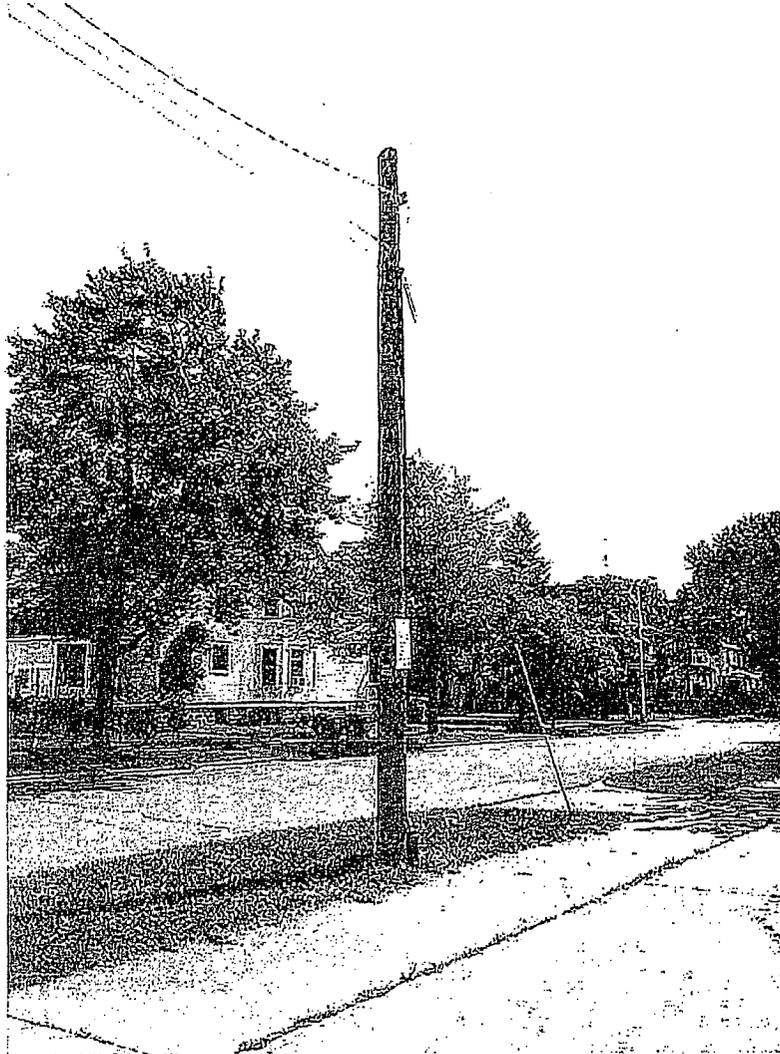


Figure 13 - #1511

<b>Pole Class - Height</b>	
<b>Approximate Address</b>	Alley between Lud.&1 <sup>st</sup> Ave. So. And 16 <sup>th</sup> &17 <sup>th</sup> st.
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price:

\$2,723.50

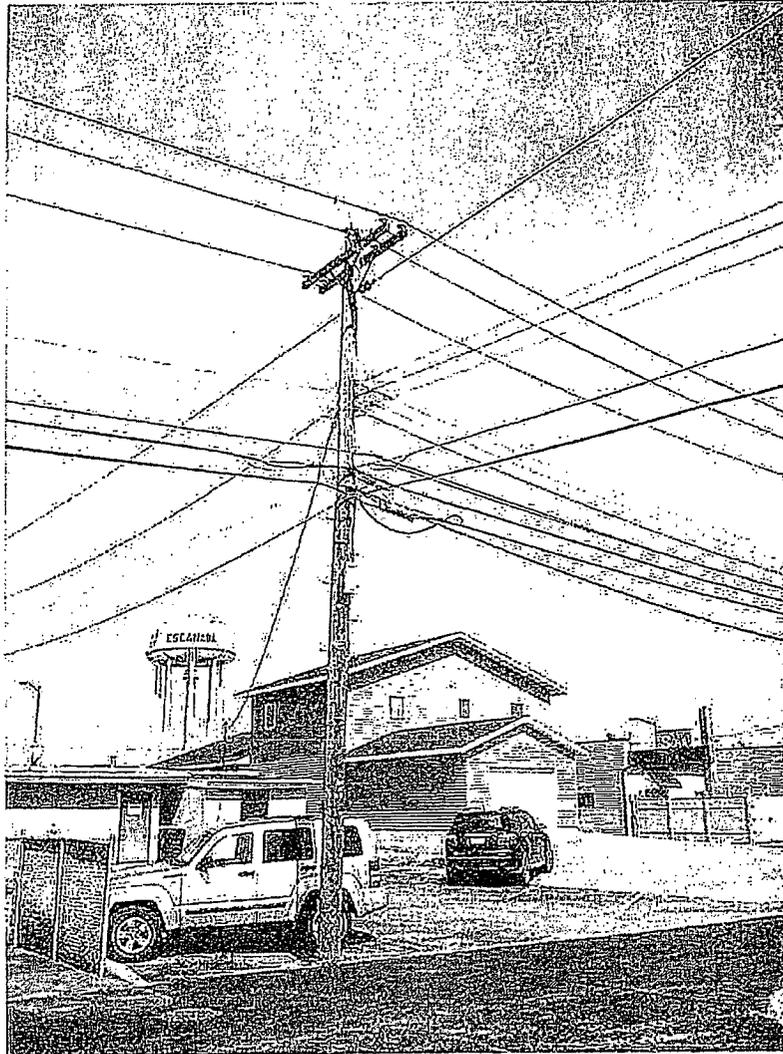


Figure 14 - #1548

<b>Pole Class - Height</b>	CL3 - 40'
<b>Approximate Address</b>	Alley So. of Ludington St. between So. 22 <sup>nd</sup> St. and So. Lincoln
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price: 4,837.94



9/11/2014

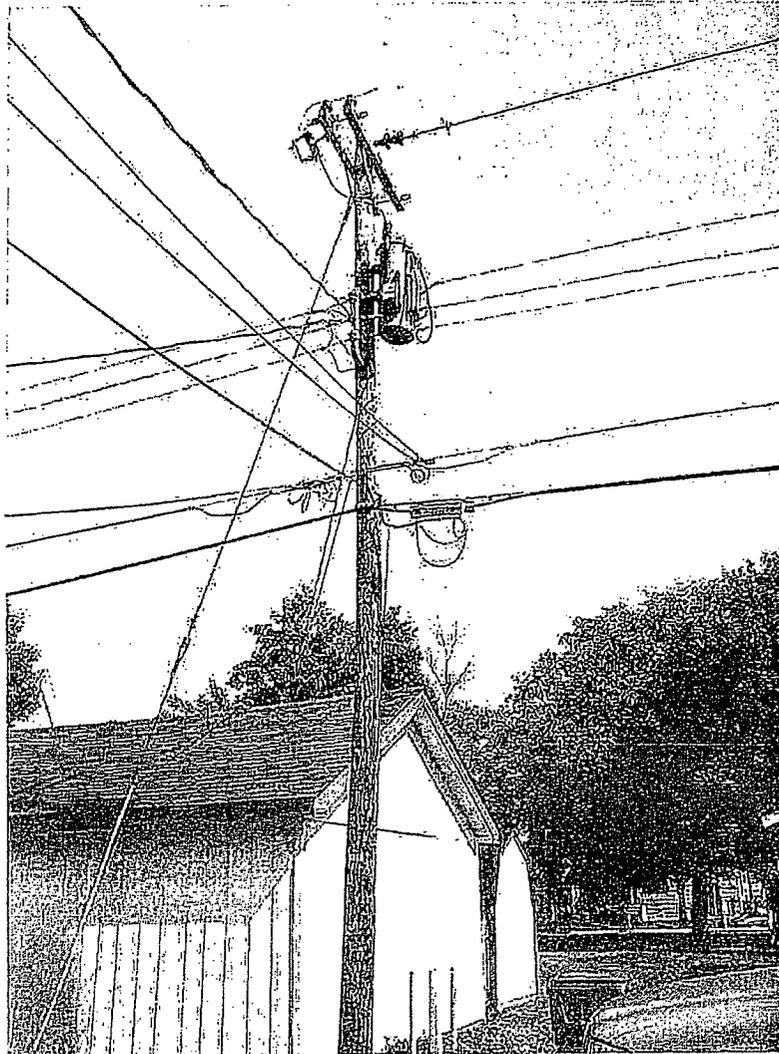


Figure 15 - #1559

Pole Class - Height	CL4 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 15 <sup>th</sup> & 16 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$4,114.61

9/11/2014

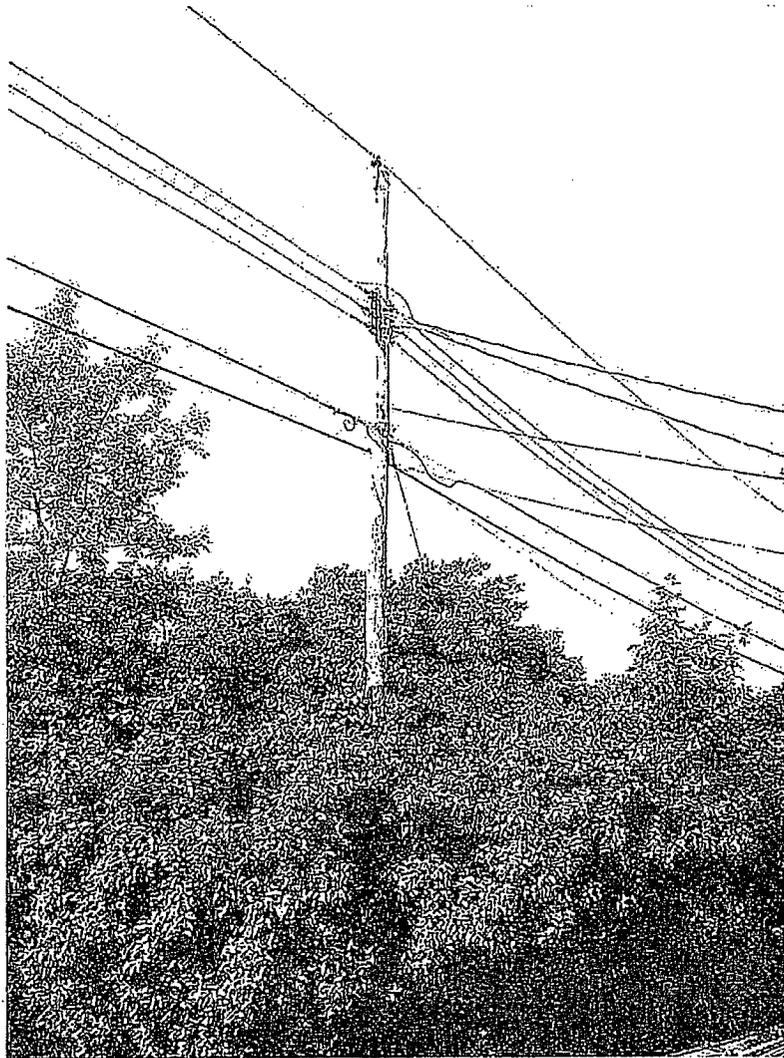


Figure 16 - #1582

Pole Class - Height	CL3 - 35'
Approximate Address	222 So. 19 <sup>th</sup> St. (S.W. corner of lot)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$2,357.97

9/11/2014

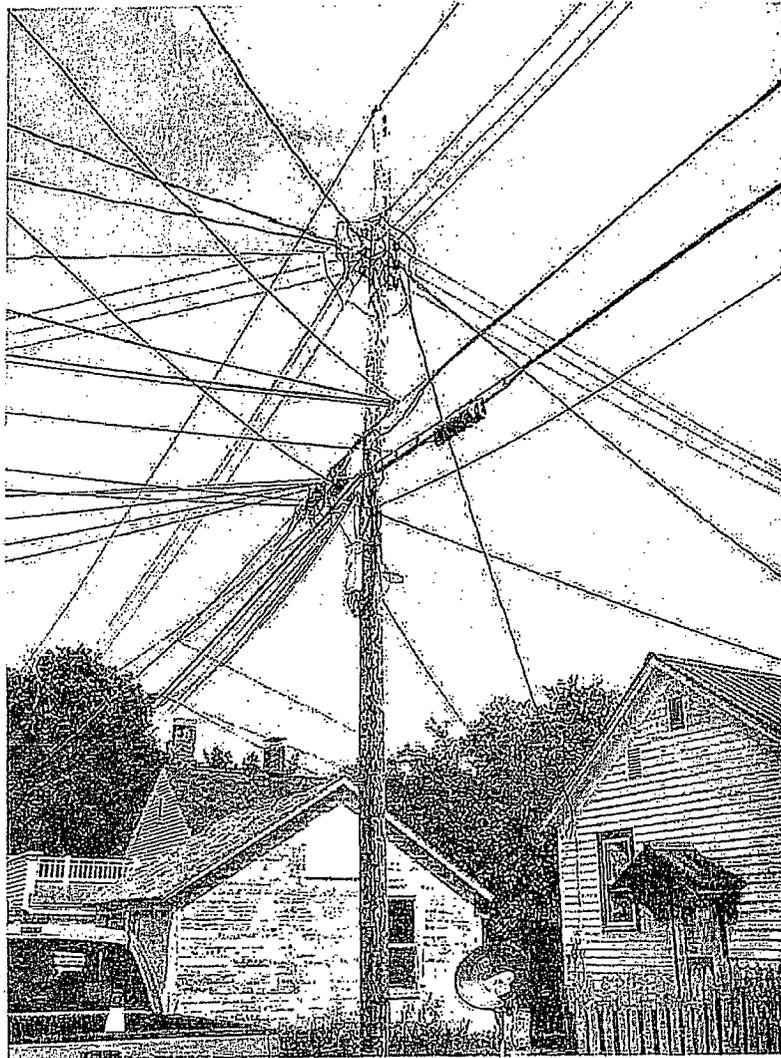


Figure 17 - #1590

Pole Class - Height	CL4 - 35'
Approximate Address	Alley between 2 <sup>nd</sup> & 3 <sup>rd</sup> Ave. So. and 15 <sup>th</sup> & 16 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$4,393.97

9/11/2014

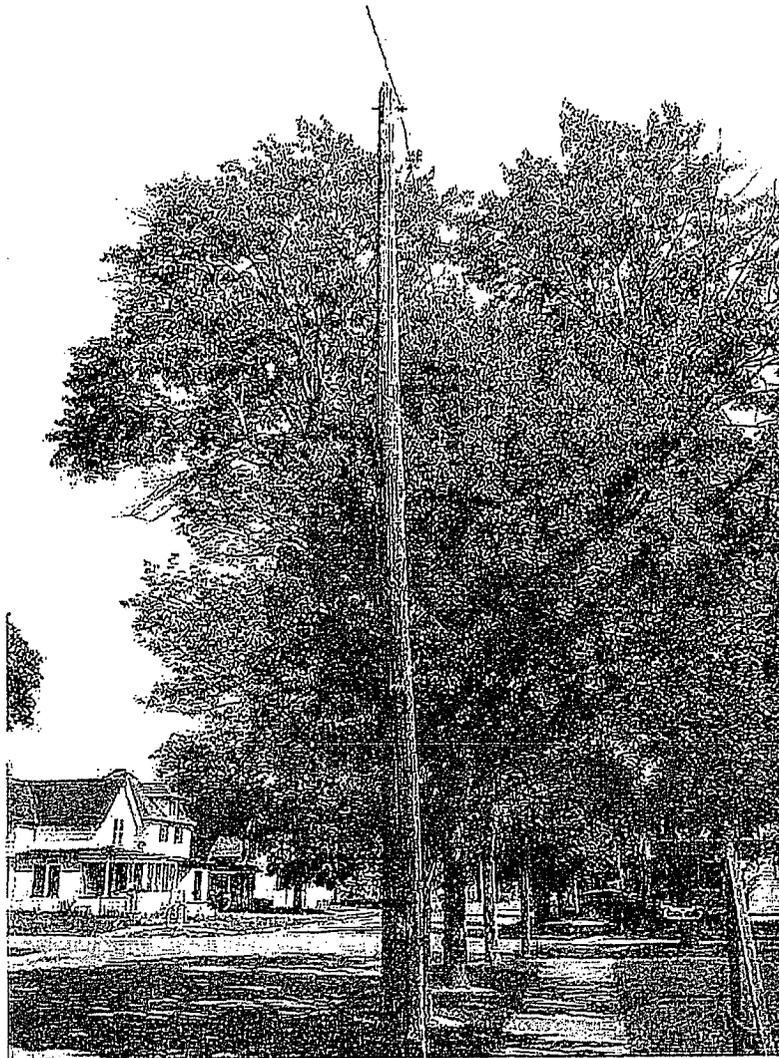


Figure 18 - #1591

Pole Class - Height	CL5 - 35'
Approximate Address	Alley between 2 <sup>nd</sup> & 3 <sup>rd</sup> Ave. So. and 15 <sup>th</sup> & 16 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$1,428.82

11/11/14

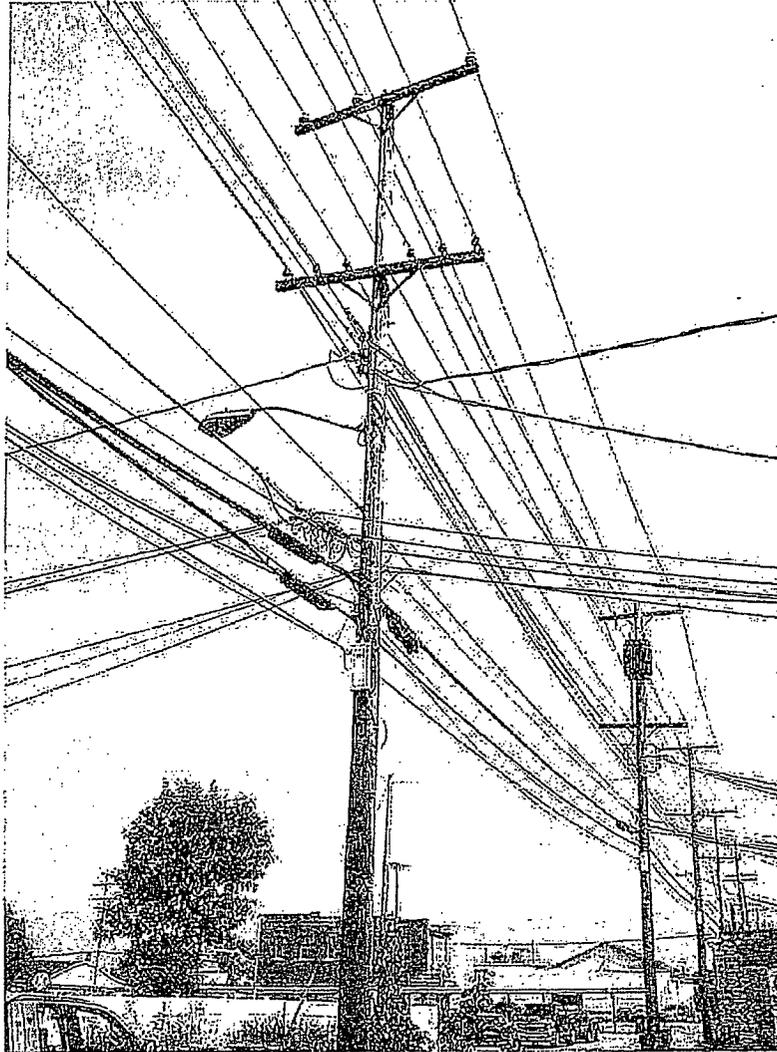


Figure 19 - #1161

Pole Class - Height	CL4 - 45'
Approximate Address	Alley between Lud. & 1 <sup>st</sup> Ave. No. and No. 9 <sup>th</sup> & 10 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price:

\$4,965.78

9/11/2014

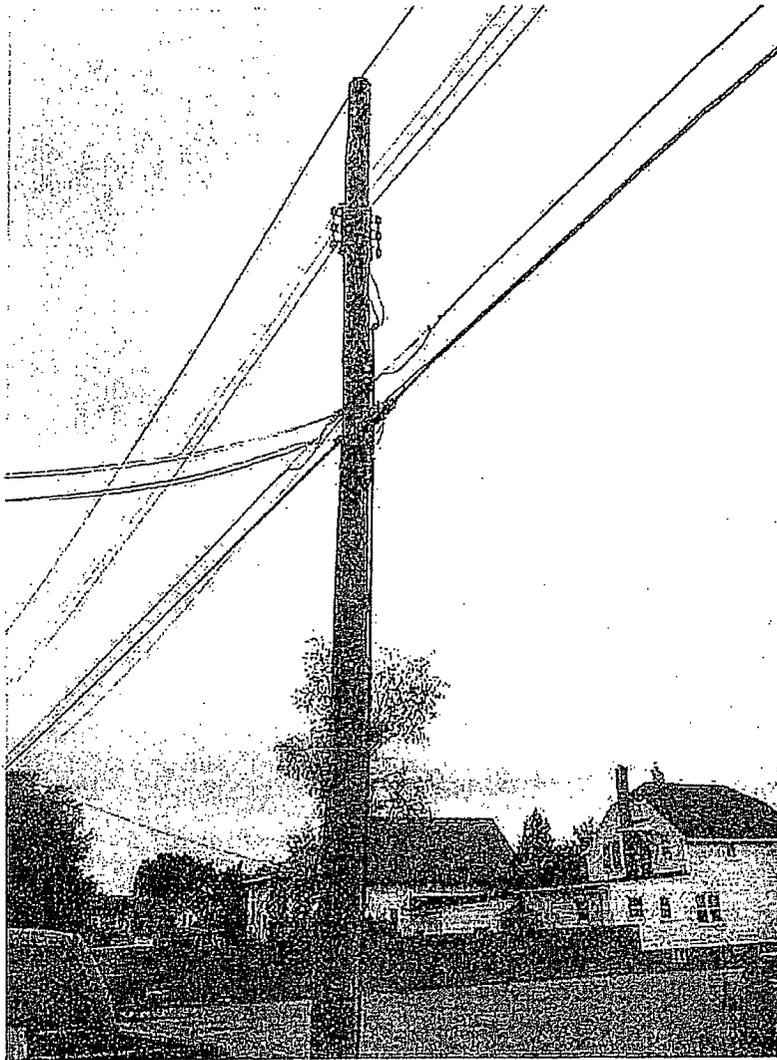


Figure 20 - #1301

Pole Class - Height	CL2 - 40'
Approximate Address	Alley between 1 <sup>st</sup> . & 2 <sup>nd</sup> . Ave. So. and 12 <sup>th</sup> . & 13 <sup>th</sup> . St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$2,348.34

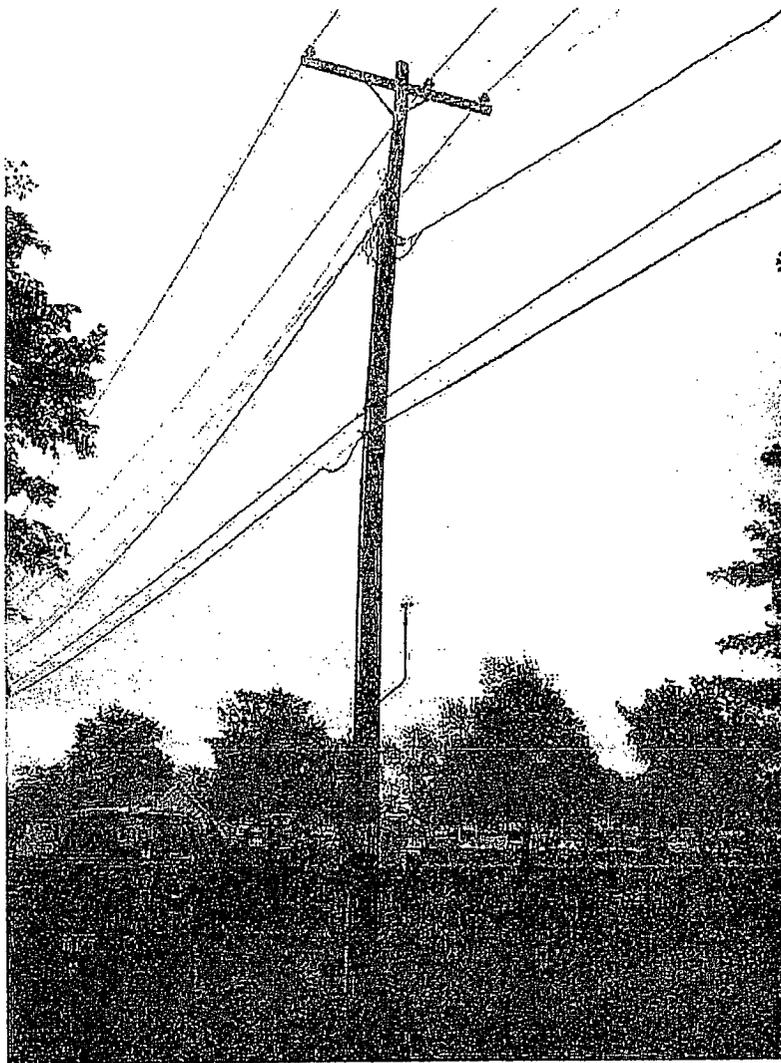


Figure 21 - #1214

Pole Class - Height	CL4 - 40'
Approximate Address	Between Jenkins Drive & L.S.D.(crosses park by fountain )
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$3,835.89

9/11/2014

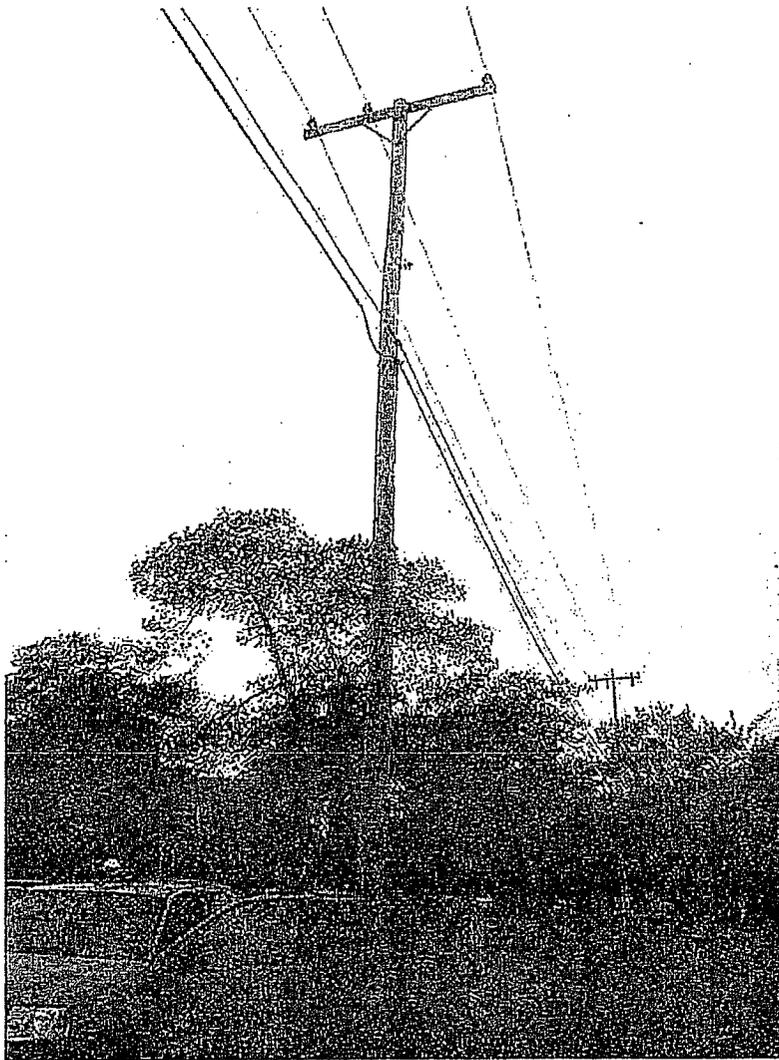


Figure 22 - #1216

<b>Pole Class - Height</b>	CL4 - 40'
<b>Approximate Address</b>	Between L.S.D. and Ludington St. pumphouse-restroom
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price: \$3,409.76

9/11/2014

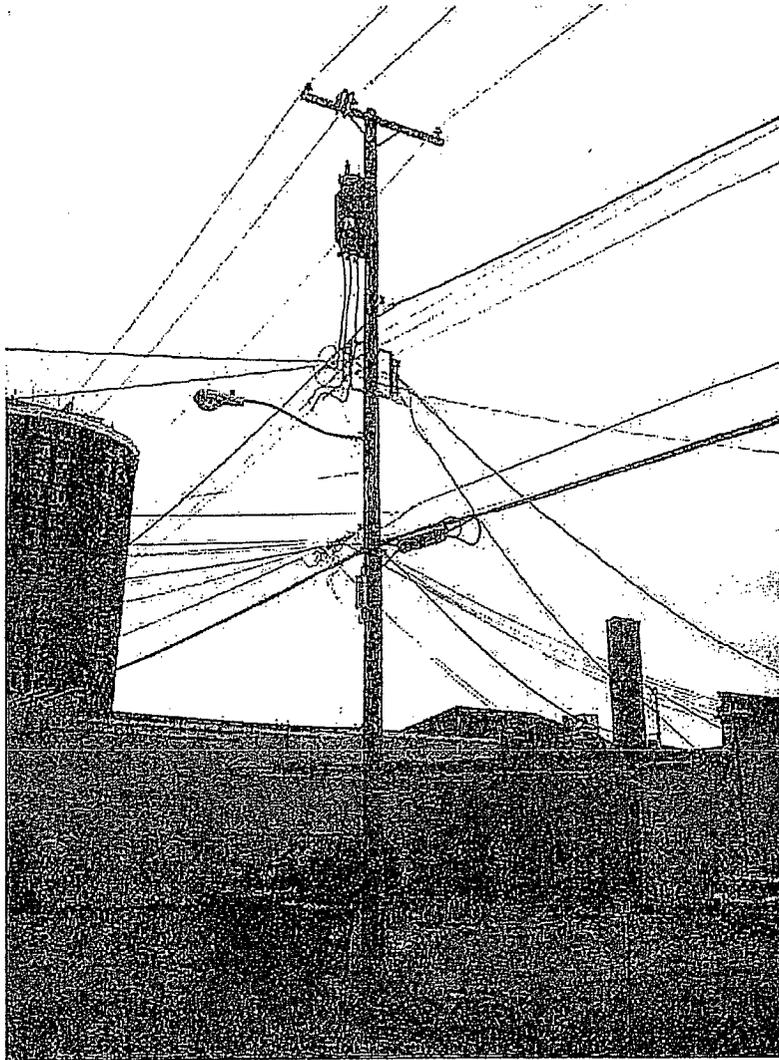


Figure 23 - #1235

Pole Class - Height	CL3 - 40'
Approximate Address	Alley between Lud. & 1 <sup>st</sup> Ave. So. and So. 4 <sup>th</sup> & 5 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$4,644.92



9/11/2014



Figure 24 - #1093

Pole Class - Height	CL1 - 45'
Approximate Address	2 <sup>nd</sup> Ave. No. between No.13 <sup>th</sup> & 14 <sup>th</sup> Street
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$3,039.79





Figure 25 - #1309

<b>Pole Class - Height</b>	CL4 - 35'
<b>Approximate Address</b>	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 10 <sup>th</sup> & 11 <sup>th</sup> St. (south side of alley)
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price: \$2,627.86

9/11/2014

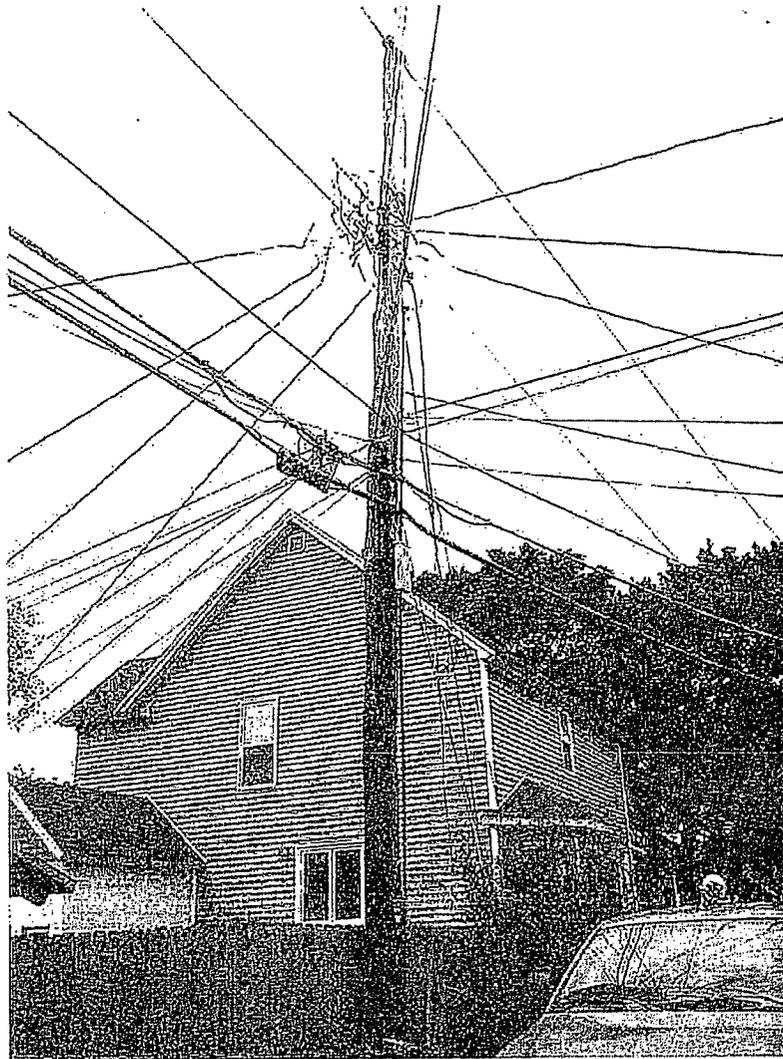


Figure 26 - #1336

Pole Class - Height	CL4 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 5 <sup>th</sup> & 6 <sup>th</sup> St. (west end of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$4,011.39

9/11/2014

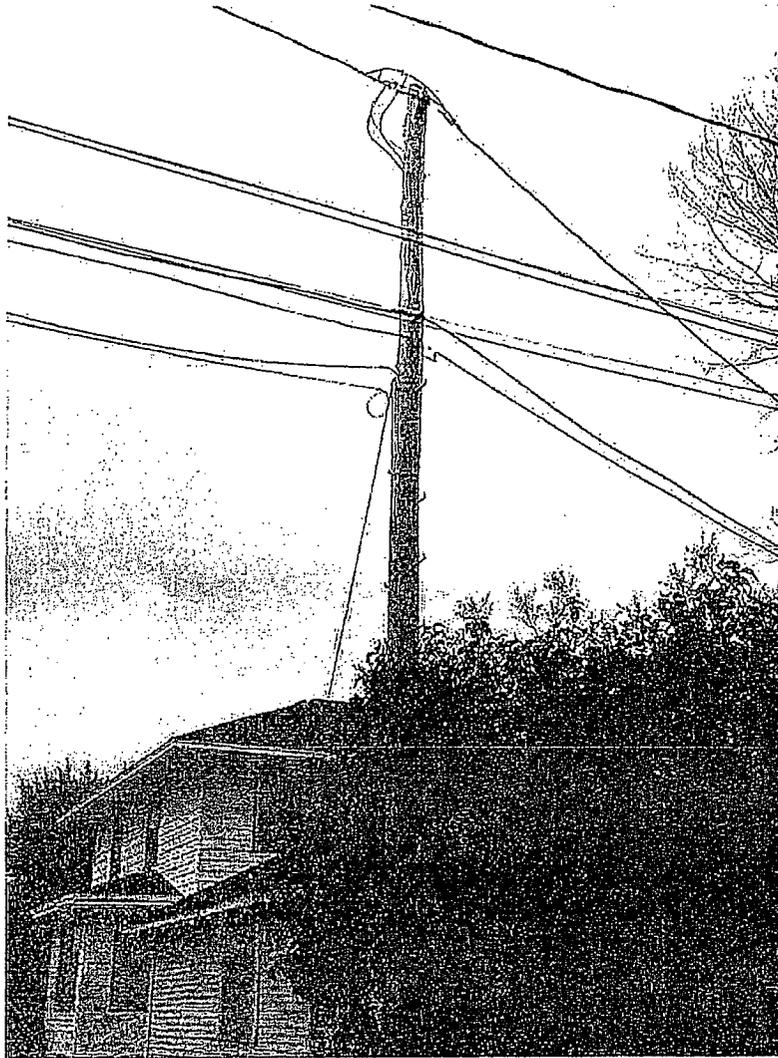


Figure 27 - #1342

Pole Class - Height	CL5 - 30'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St (north side of alley)
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$1,657.21

9/11/2014

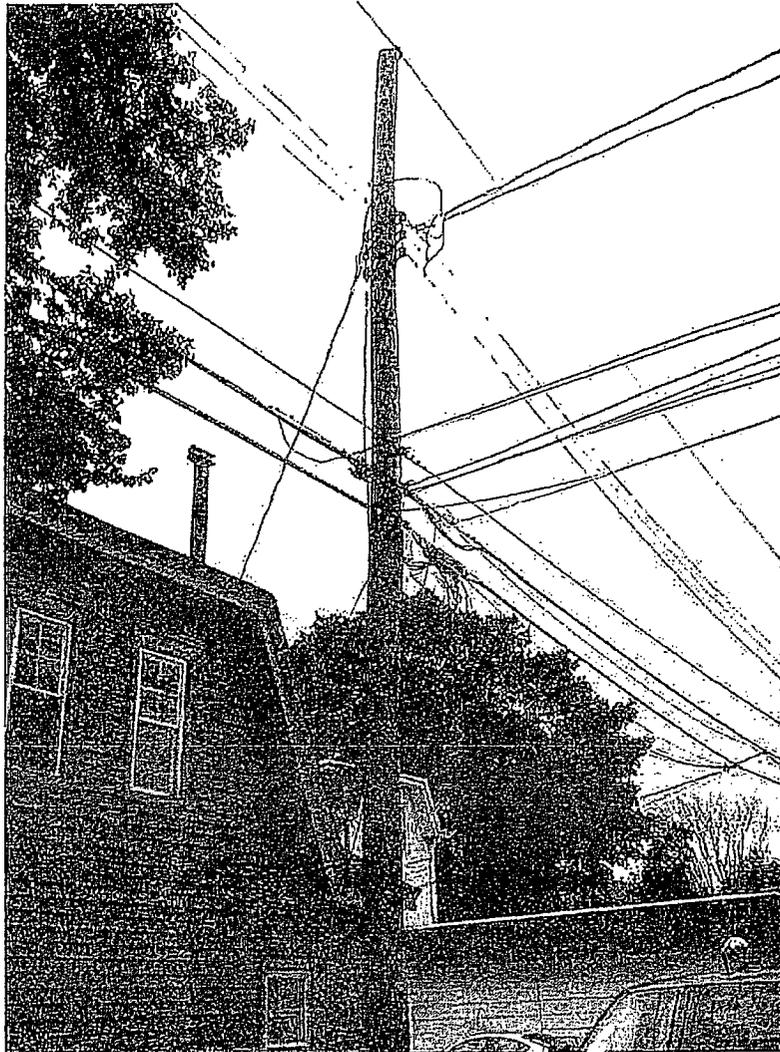


Figure 28 - #1341

Pole Class - Height	CL3 - 45'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St.
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$2,192.25



9/11/2014

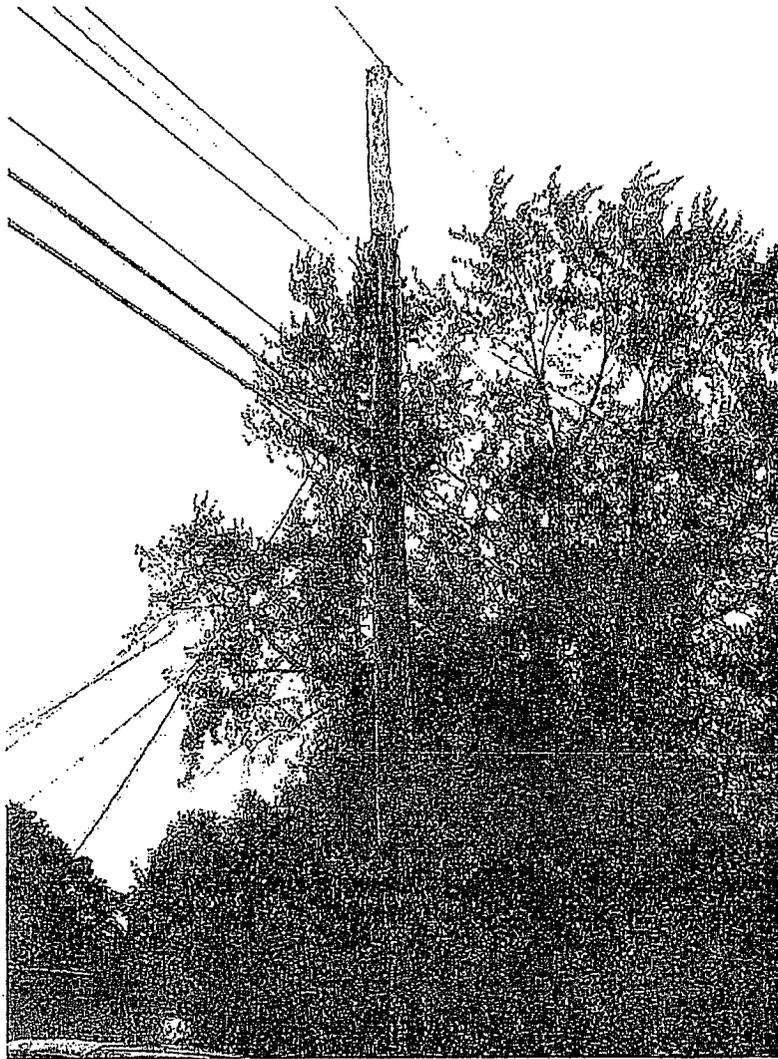


Figure 29 - #1346

<b>Pole Class - Height</b>	CL3 - 40'
<b>Approximate Address</b>	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St. (west end of alley)
<b>Approximate RUS Unit Assemblies</b>	
<b>Special Notes</b>	

Bid Price: \$1,813.46

9/11/2014

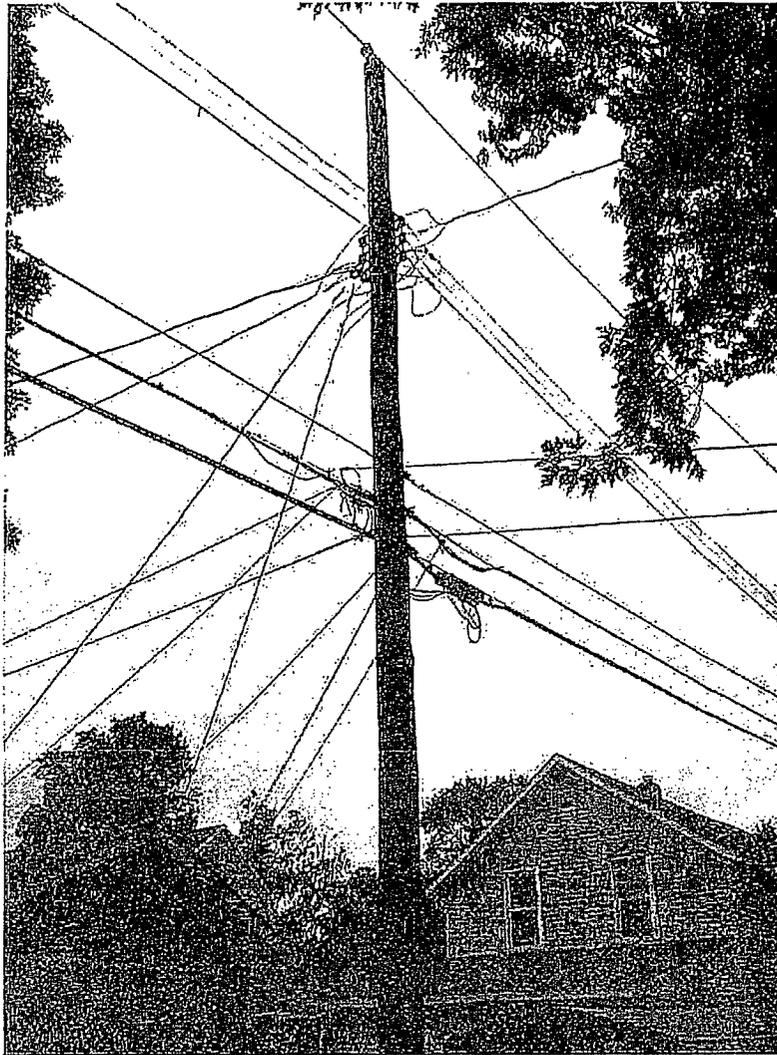


Figure 30 - #1347

Pole Class - Height	CL3 - 40'
Approximate Address	Alley between 1 <sup>st</sup> & 2 <sup>nd</sup> Ave. So. and 4 <sup>th</sup> & 5 <sup>th</sup> St. (west end of alley).
Approximate RUS Unit Assemblies	
Special Notes	

Bid Price: \$3,139.22



DRIVING INNOVATION.  
TRANSFORMING CONSTRUCTION.

September 30, 2014

Mr. Robert Richards, City Clerk  
The City of Escanaba - City Hall  
410 Ludington Street  
Escanaba, MI 49829

Re: Distribution Pole Replacement Project  
Michels Bid No. 14-807

Dear Mr. Richards:

Michels Power is pleased to offer a proposal based on provided plans and specifications and we offer the following clarifications:

- Material provided by Owner shall be available at the time of construction or per the agreed upon Schedule. Any delays in the receipt of material and equipment not provided by Michels will have a direct impact on the schedule and price.
- All necessary environmental plans will be furnished by the Owner.
- All permits, including environmental permits, shall be provided by the Owner unless otherwise indicated in Michels' proposal.
- Proposal assumes a show up area for equipment will be provided at a city designated site at no cost.
- Owner will provide Michels with copies all applicable federal, state, and local environmental permits and plans. If requested, Owner will also provide copies of the permit applications.
- No hazardous or contaminated materials will be encountered during construction
- Spoils will remain on site in areas that are not a maintained lawn.
- Construction survey staking and project survey layout shall be completed by others and is not part of Michels' scope of work.
- Michels is not responsible for unmarked underground utilities.
- If required, all rock drilling will be completed using a unit rate at additional cost.
  - Rock Drilling – \$600.00 per linear foot
- Hand dig locate to avoid underground utility conflicts, unit cost: \$250.00 per location
- Michels reserves the right to review any documents not currently provided or updated and make adjustments in the scope of work, pricing and schedule in accordance with any changes or updated documents.
- The cost of the performance/payment bond is included in the bid price and based on a one year warranty.

1775 East Shady Lane | Neenah, WI 54956 | 920.720.5200 | F 920.720.5214 | [www.michels.us](http://www.michels.us)

Equal Opportunity Employer



DRIVING INNOVATION.  
TRANSFORMING CONSTRUCTION.

- This Proposal dated September 30, 2014 shall be fully incorporated hereby this reference into any final agreement between Customer and Michels.

Michels Power has the experience and resources to complete your project and we look forward to working with the City of Escanaba. Please feel free to call Tyler Radl at 920-721-9115 if you have any questions regarding this Proposal and clarifications. This Proposal is valid for 60 days.

Sincerely,  
MICHELS POWER

Mark Harasha  
Senior Vice President



# MICHELS POWER

1775 East Shady Lane • Neenah, WI 54956 • Phone 920.720.5200 • Fax 920.720.5214  
9433 Dowcor Lane SW • Tumwater, WA 98512 • Ph 360.236.0472 • Fax 360.236.0478  
7435 Allentown Blvd • Harrisburg, PA 17112 • Phone 717.652.7179 • Fax 717.652.7458  
208 Longbranch Rd, Suite 300 • Syracuse, NY 13209 • Phone 315.451.1916 • Fax 315.451.1916

## September 26, 2014 Labor Rates

City of Escanaba  
PO Box 948  
Escanaba, MI 49829

Attn: Robert Richards, City Clerk  
Re: Distribution Pole Replacement

September 1, 2014 to June 30, 2015

These rates include payroll, taxes, and insurances, including workmen's compensation, bodily injury, property damage, and Federal and State Unemployment. They also include Social Security, Medicare, and all Union benefits, including Lineco, National Electrical Benefit Fund, and National Electrical Annuity Plan, or similar benefit plans.

Classification	Straight Time	Time & One Half	Double Time
	Per Hour	Per Hour	Per Hour
SUPERINTENDENT	132.04	189.44	246.83
MECHANIC	91.69	130.59	169.50
STORM COORDINATOR	91.69	130.59	169.50
SAFETY COORDINATOR	75.72	107.30	138.89
GENERAL FOREMAN	105.56	150.82	196.08
CREW FOREMAN	99.26	141.63	184.00
JOURNEYMAN	90.85	129.37	167.89
URD 2-MAN CREW LEADER	94.00	133.97	173.93
HEAVY EQUIP OPERATOR W/NCCCO	86.64	123.23	159.83
HEAVY EQUIPMENT OPERATOR	82.44	117.10	151.76
EQUIPMENT OPERATOR	74.04	104.85	135.67
OPERATOR TRAINEE II	69.83	98.72	127.61
OPERATOR TRAINEE I	65.63	92.59	119.56
HEAVY GROUNDSMAN DRIVER	65.63	92.59	119.56
LIGHT GROUNDSMAN DRIVER	61.43	86.46	111.50
GROUNDSMAN	53.02	74.20	95.39
7TH STEP APPRENTICE	82.44	117.11	151.78
6TH STEP APPRENTICE	78.24	110.98	143.72
5TH STEP APPRENTICE	74.04	104.85	135.67
4TH STEP APPRENTICE	69.83	98.72	127.61
3RD STEP APPRENTICE	65.63	92.59	119.56
2ND STEP APPRENTICE	61.43	86.46	111.50
1ST STEP APPRENTICE	57.22	80.33	103.45

We appreciate the opportunity to submit our rates and look forward to working with you.

Respectfully submitted,

Mark Harasha  
Vice President  
Michels Power  
A Division of Michels Corporation



# MICHELS POWER

1775 East Shady Lane • Neenah, WI 54956 • Phone 920.720.5200 • Fax 920.720.5214  
 9433 Dowcor Lane SW • Tumwater, WA 98512 • Ph 360.236.0472 • Fax 360.236.0478  
 7435 Allentown Blvd • Harrisburg, PA 17112 • Phone 717.652.7179 • Fax 717.652.7458  
 208 Longbranch Rd, Suite 300 • Syracuse, NY 13209 • Phone 315.451.1916 • Fax 315.451.1916

## Equipment Rates

With Fuel

September 1, 2014 to June 30, 2015

Customer Name: City of Escanaba  
 Address: PO Box 948  
 City, State, Zip: Escanaba, MI 49829  
 Project Name: Distribution Pole Replacement

<u>Description</u>	<u>Hourly Rate</u>
UTILITY/FLATBED/DUMP TRUCK	26.28
TANDEM/DUMP TRUCK	37.15
SMALL PICKUP (0.5 TON)	15.55
MEDIUM PICKUP (0.75 TON)	19.50
LARGE PICKUP (1 TON)	20.88
VAN	12.15
BUCKET TRUCK < 48	31.14
BUCKET TRUCK - 48-60ft	40.92
BUCKET TRUCK 6X6-70FT+	43.27
BUCKET TRUCK 6X6-93FT+	80.42
BUCKET TRUCK BAREHAND 93-105 FT	114.88
BUCKET TRUCK BAREHAND 106FT	122.78
DIGGER DERRICK	44.81
DIGGER DERRICK 60-70 FT	53.81
DIGGER DERRICK 80 FT	89.27
DIGGER DERRICK - BACKYARD	29.04
DRUM PULLER - SINGLE OH OR URD	37.00
PULLER - 4 DRUM DISTIBUTION	49.29
PULLER - 4 DRUM TRANSMISSION	98.97
PULLER - V GROOVE	83.80
WIRE RACK ONE POSITION	4.63
WIRE RACK TWO POSITION	4.83
WIRE RACK THREE POSITION	9.20
WIRE RACK THREE POSITION W/HYD TAKE UP	16.89
HARDLINE PULLER SINGLE 10K-15K	116.63
HARDLINE PULLER SINGLE 20K-30K	206.41
HARDLINE 3 DRUM PULLER - TRANSMISSION	164.04
TENSIONER DISTRIBUTION	18.11
TENSIONER SINGLE TRANSMISSION	34.21
TENSIONER TRANSMISSION STATIC/OPGW	18.11
TENSIONER 3 BUNDLE TRANSMISSION	207.43
SLEEVING TRUCK TRANSMISSION	99.06
SAG CAT	99.69
TRACK DUMP TRUCK - 600 TO 800	23.57
TRACK DUMP TRUCK - 1500	49.31
TRACK DUMP TRUCK - 2200	69.73
TRACK DUMP TRUCK - 3300	92.62

DescriptionHourly Rate

TRACK DIGGER DERRICK W/BUCKET 1500	80.23
TRACK DIGGER DERRICK W/BUCKET 3300	100.29
TRACK BUCKET 100'	174.15
TRACK SWAMP MASTER	64.83
CRANE - TRK MOUNTED 10 - 20 TON	38.32
CRANE-TRK MOUNTED 21 - 38 TON	93.63
CRANE-TRK MOUNTED 39 - 45 TON	107.54
CRANE-TRK MOUNTED W/ ENERGIZED ARM	97.96
RT CRANE - 10 - 35 TON	63.43
RT CRANE - 36 - 45 TON	70.05
RT CRANE - 46 - 65 TON	92.44
RT CRANE - 66 - 90 TON	120.73
RT CRANE - 130 TON	205.18
CRAWLER CRANE-40/50TON	62.30
MINI BACKHOE/EXCAVATOR	18.96
12/18MT EXCAVATOR	55.93
20/24MT EXCAVATOR	80.51
40/49MT EXCAVATOR	122.32
RUBBER TIRED EXCAVATOR	85.67
SKID LOADER	30.09
BACKHOE	31.39
BACKHOE WITH HAMMER	48.42
SMALL UTILITY TRACTOR	11.55
DIESEL TRACTOR	51.54
DIESEL TRACTOR W/CRANE OR POLE LOADER	52.80
TRAILER (POLE DISTRIBUTION, FRAMING, COMBO)	4.24
TRAILER (WELLS FARGO STYLE SMALL JOB TRAILER)	4.89
TRAILER (2 OR 3 AXEL BACK HOE STYLE)	7.62
TRAILER (POLE TRANSMISSION)	9.20
TRAILER (SEMI - VAN AND STEP DECK)	8.80
TRAILER (LOWBOYS)	32.92
TRAILER (HOT STICK DISTRIBUTION)	9.78
TRAILER (HOT STICK TRANSMISSION 69KV-138KV)	11.50
TRAILER (HOT STICK TRANSMISSION 230KV-345KV)	15.81
TRAILER (URD SPLICE / TERM)	9.78
JD 450	33.05
CAT D5 DOZER	51.96
CAT D6 DOZER	73.76
CAT D7 DOZER	85.02
CAT D8 DOZER	147.60
MEDIUM KNUCKLEBOOM FLATBED-BRIDGETRUCK	21.99
LARGE KNUCKLEBOOM FLATBED	36.36
SCISSORS/MAN LIFT	5.84
TELESCOPIC FORKLIFT	30.90
TELESCOPIC MANLIFT - 40-70 FT	40.00
TELESCOPIC MANLIFT - Over 70FT	67.51
FUEL TRUCK - SMALL	26.37
FUEL TRUCK - LARGE	62.98
WOOD MATS	0.83
COMPOSITE MATS	1.17
MAT RIG/GRAPPLE	42.45

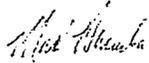
DescriptionHourly Rate

WALK BEHIND TRENCHER	8.46
SMALL RT TRENCHER PLOW	18.95
MEDIUM RT TRENCHER	29.30
LARGE RT TRENCHER	49.31
VIBRATORY CABLE PLOW 0-130 HP	36.82
VIBRATORY CABLE PLOW 131-200 HP	63.75
D7 CABLE PLOW	75.02
DELTA CLIPPER	72.46
MEDIUM LOADER	84.88
LARGE RT LOADER CAT 980 or Equal	124.75
XL LARGE RT LOADER CAT 988 or equal	184.29
COMPRESSOR 0-250 CFM	22.31
COMPRESSOR 251-800 CFM	36.83
COMPRESSOR 801-1600 CFM	52.92
PRESSURER DIGGER - TEXOMA	70.67
WATSON 1100 DRILL	87.27
WATSON 3100 DRILL	140.43
FRAC TANK	5.25
CAMEL VAC/POT HOLER	21.10
HYDRO VAC	49.11
GENERATOR 0-10KW	7.17
GENERATOR 11-50KW	25.22
GENERATOR 51-125KW	42.10
GENERATOR 126-400KW	50.80
GENERATOR 401-1000KW	58.17
GROUND POUNDER	6.56
JUMPING JACK	4.27
PLATE COMPACTER	2.19
HYD. COMPACTOR	5.18
CLAY PLATE COMPACTOR	5.81
COMPACTOR	7.28
ATV	13.58
ATV - WITH TRACKS	14.57
ATV- 6X6 18" TRACKS	20.77
LIGHT PLANT	6.47

The above equipment rates include gas, oil, insurance and maintenance on equipment. These rates are subject to applicable State Sales Tax. All equipment is charged portal to portal plus transportation cost, if any.

We appreciate the opportunity to submit our rates and look forward to working with you.

Respectfully submitted,



Mark Harasha  
Vice President  
Michels Power  
A Division of Michels Corporation

9/12/2014

## Official Bidder's Proposal

Date: 9-30-14

City of Escanaba  
Escanaba, MI 49829

We, the undersigned, agree to furnish the City of Escanaba, Michigan, labor and machinery or equipment, in accordance with the attached minimum specifications, which are part of this proposal, at the following prices:

Lump Sum for defined project: \$ 83,000

*If possible, please provide a sum of the individual unit prices listed in Appendix A.*

Hourly rates for Crews for **additional work not defined** in this proposal:

Digger/Derrick Truck and 2\_\_ or 3\_\_ person Crew \$ see attached

Bucket Truck and 2\_\_ or 3\_\_ person Crew \$ see attached

Estimated Start Date: negotiable

**CERTIFIED CHECK, CASHIER'S CHECK, OR BIDDER'S BOND ENCLOSED IN THE AMOUNT OF:**

\$ 10%  
(Must be included to qualify)

M. J. Electric, LLC  
N2023 Greenville Drive  
Greenville, WI 54942

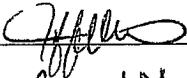
9/12/2014

SUBMITTED BY

FIRM: MJ Electric, LLC

ADDRESS: 200 West Frank Pipp Dr  
Iron Mountain, MI 49801

NAME (PRINT): Jeff Ulman

SIGNED: 

TITLE: General Manager

M. J. Electric, LLC  
N2023 Greenville Drive  
Greenville, WI 54942

9/12/2014

## NOTICE TO BIDDERS

Sealed bids will be received by the City of Escanaba at the office of the City Clerk, on or before 2:00 p.m. - local time – on September 30, 2014.

### **Request for Proposal – Distribution Pole Replacement Project**

The bids will be publicly opened and read in the City Clerk's Office at said time and date.

Bidder's proposals and/or specifications may be obtained from the office of the City Clerk, located at 410 Ludington Street, Escanaba, Michigan 49829. No bid will be considered unless the proposal is enclosed in a sealed envelope marked:

### **Request for Proposal – Distribution Pole Replacement Project**

In addition, the City of Escanaba, Michigan, will not consider any proposal which has not been received prior to the published time, date and year of bid opening. FAX transmittals will not be accepted.

A certified check, cashier's check, or Bidder's Bond, drawn payable - without condition - to the City of Escanaba, Michigan, in an amount not less than 10% of the bid will be submitted with each proposal as a guarantee that if the bid is accepted, the bidder will furnish materials or services as stated in his/her proposal. On failure of the successful bidder to fulfill the conditions of his/her proposal, he/she shall forfeit said deposit to the City of Escanaba, Michigan, as liquidated damages. The acceptance of the proposal will be contingent upon the bidder's acceptance of this provision.

The City of Escanaba, Michigan, reserves the right to reject any or all bids, or any part thereof, at its discretion and to waive any irregularities in the bidding. The City of Escanaba, Michigan, may also split bids at its discretion. The City further reserves the right to negotiate directly with any and all bidders concerning any matter related to any bid.

All City of Escanaba, Michigan, bids are prepared so as to afford all vendors the equal opportunity for fair and equitable competition. The City of Escanaba, Michigan, assumes no liability or responsibility for any errors or oversights in the preparation and/or publication of bids.

Any questions concerning this bid should be directed to the City of Escanaba Electric Superintendent, Mike Furmanski @ (906) 786-0061 or [mfurmanski@escanaba.org](mailto:mfurmanski@escanaba.org).

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## Instructions to Bidders

### 1. Scope of the Bid

- 1.1 The City of Escanaba, Michigan invites bids for **Replacement of Power Distribution Poles** hereto referred as "**Work**". The City of Escanaba is looking for quotations and/or proposals covering the labor associated with the replacement, installation, and removal/disposal of power distribution poles. The Work is specified in greater detail later in this document.

### 2. Eligible Bidders

- 2.1 This Invitation for Bids is open both to both local and national (United States of America) bidders.
- 2.2 All City of Escanaba, Michigan bids are prepared to afford all vendors the equal opportunity for fair and equitable competition.
- 2.3 Bidders must submit, as an integral part of their Official Bid, any and all applicable required documents or forms contained within the bid request.
- 2.4 The City of Escanaba, Michigan reserves the right to ask the Bidders to submit additional documents to enable The City of Escanaba, Michigan to fully evaluate the eligibility of the bidder.

### 3. Corrupt, Fraudulent, Collusive, and Coercive Practices

- 3.1 The City of Escanaba, Michigan requires that all bidders, manufacturers, contractors, or distributors observe the highest standard of ethics during procurement and execution of all contracts. The City of Escanaba, Michigan shall reject any Bids put forward by Bidders or, where applicable, terminate their contract if it is determined that they have engaged in corrupt, fraudulent, collusive, or coercive practices. In pursuance of this document, the City of Escanaba, Michigan, defines, for the purposes of this provision, the terms set forth below as follows:
- a. "corrupt practice" means the offering, giving, receiving, or soliciting directly or indirectly any thing of value to influence the action of the Procuring/Contracting Entity in the procurement process or in contract execution;
  - b. "fraudulent practice" is any acts or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, the Procuring/Contracting Entity in the procurement process or the execution of a contract, to obtain a financial gain or other benefit to avoid obligation;
  - c. "collusive practice" is an undisclosed arrangement between two or more Bidders designed to artificially alter the results of the tender procedure to obtain a financial gain or benefit;
  - d. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any participant in the tender process to influence improperly its activities in a procurement process, or after the execution of a contract.
- 3.2 The City of Escanaba, Michigan will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the contract in question.

#### **4. Content of the Bidding Document**

- 4.1 The following documents shall comprise the Official Bidding Documents (hereinafter referred to as the "Documents")
- a. Invitation to Bid
  - b. Instruction to Bid
  - c. Work Description and Technical Specifications
  - d. Official Bid Template
- 4.2 Bidders are expected to fully read and examine the contents of all the documents comprising the Official Bidding Documents and must fully comply with all the requirements set forth in the Documents. The City of Escanaba, Michigan reserves the right to reject any or all bids that do not comply with any provision in the "Documents".

#### **5. Clarification of the Bidding Documents**

- 5.1 All clarification regarding any provision/item in the bidding document should be sent by e-mail to [cityelectric@escanaba.org](mailto:cityelectric@escanaba.org). The City of Escanaba, Michigan will respond by e-mail or phone to requests for clarification received not later than 2 days before the deadline of the submission to bids. The City of Escanaba, Michigan may circulate to all bidders, the questions/clarification request and its answers. Additionally, Bidders should include contact email addresses in the event that the City of Escanaba wishes to release additional details to clarify the Bidding Documents further.

#### **6. Amendments to the Bidding Documents**

- 6.1 At any time prior to the deadline for submission of bids, the City of Escanaba, Michigan, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the bidding documents by amendment.
- 6.2 All prospective bidders that have received the bidding documents will be notified of the amendment in writing and will be binding to them.
- 6.3 In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the City of Escanaba, Michigan, at its discretion, may extend the deadline for the submission of bids.

#### **7. Cost of the Bidding**

- 7.1 Bidders shall bear all costs associated with the preparation and submission of their bid. The City of Escanaba, Michigan shall not bear any responsibility and shall not be held liable for any cost the Bidders may incur while preparing their bid, regardless of the final outcome of the bidding process.

#### **8. Period of Validity of the Bids**

- 8.1 Bids shall remain valid for a period of at least 30 days from the date of bid opening prescribed in this document. The City of Escanaba, Michigan reserves the right to reject any or all bids that do not comply with this requirement.
- 8.2 In exceptional circumstances, prior to expiry of the bid validity, the City of Escanaba, Michigan may request that the bidders extend the period of validity for a specified additional period of 15 days. The request and the bidders' responses shall be made via e-mail or in writing.

## **9. Submission of the Bids & Use of Official Bid Template**

- 9.1 Bidders shall be provided with a hard copy of the Official Bid Template of this project. Additionally, a soft copy will be made available on the City of Escanaba website, [www.escanaba.org](http://www.escanaba.org). Bidders should use the Official Bid Template when preparing their bids in order to avoid errors or miscalculations.
- 9.2 Bidders should submit their official bids using the official bid template, and must be signed by their authorized representative or stamped by the company's official seal. Additional submission information shall be included as an attachment to the Documents.

## **10. Clarification of the Bids**

- 10.1 During the evaluation of the bids, the City of Escanaba, Michigan may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing or e-mail.
- 10.2 Any effort by a bidder to influence the City of Escanaba, Michigan in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid.

## **11. Bids Evaluation**

- 11.1 The City of Escanaba, Michigan shall conduct a technical evaluation of the bids received and forward the result of their technical evaluation to the Escanaba City Council.
- 11.2 The Council shall then convene and evaluate the bids received and the technical evaluation result prepared by the City of Escanaba, Michigan. The Council shall determine the bid that is most favorable to the City of Escanaba, Michigan and shall submit its recommendation to the City.
- 11.3 Bids shall be evaluated using the following factors:
- Prices offered
  - Schedule
  - Payment Terms
  - Technical Compliance of the Work
- 11.4 The City of Escanaba, Michigan reserves the right to accept or reject any or all bids, and to annul the bidding process any time prior to contract award, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the City of Escanaba, Michigan's action.

## **12. Notification of Award and Performance Guarantee**

- 12.1 The City of Escanaba, Michigan shall contact winning Bidder via phone and or e-mail which will serve as the confirmation for the Bidder to start working on fulfilling his contractual obligation under the agreement.
- 12.2 The winning Bidder may be required to provide the City of Escanaba, Michigan a performance security/bond. The details of any bond are included with the Documents of the Bid. The City of Escanaba, Michigan reserves the right to reject the Bid in the case that the Bidder fails to submit the required performance security/bond.

## **13. Purchaser's Right to Alter the Quantity of the Requirement**

- 13.1 The City of Escanaba, Michigan reserves the right at any time of the time of contract award, to increase or decrease the quantity of materials in the bid.

## Work Specifications

The City of Escanaba is currently replacing poles that have been identified as unfit for further service in the distribution system. It is the intent of the City of Escanaba to hire a qualified Contractor to replace power distribution poles separately identified by the City of Escanaba Electric Department. The Work performed by the Contractor is labor only and does not include a request for replacement materials.

In general, the Work requested by the Contractor is as follows:

- Install new power distribution poles and power distribution equipment for poles identified by the Escanaba Electric Department.\*
- Identify existing equipment unfit for use and replace with new equipment.\*
- Call the Miss Dig system as needed prior to pole replacement.

***\* All power distribution poles, equipment, fixtures, etc. will be provided and supplied by the City of Escanaba Electric Department inventory. The Contractor is required to supply all labor, tools, and working equipment as needed to perform the Work specified in this document.***

Further detail pertaining to the Contractor's responsibilities and scope of Work are contained in the Technical Specifications section and attached appendices.

## Technical Specifications

A listing of poles for replacement is included in **Appendix A: Pole Replacement Priority & Identification**.

The poles to be replaced in this proposal are typical of many distribution systems with a variety of hardware. All cross arms, cross arm brackets, cutouts, arrestors, bolts, and guy attachments shall be replaced with new material. The majority of the poles will be a direct replacement with few materials being reused. Exceptions to this would be: all 35' primary poles must be replaced instead with 40' poles; all 40' poles with two (2) primary circuits must be replaced with 45' poles. Single circuit primary poles should be 40'. Many of the existing poles are may be lacking strain insulators or porcelain guy insulators. All new down guys must have both fiberglass strains and porcelain guy insulators installed.

To reiterate, all materials will be provided by the City of Escanaba Electric Department from our warehouse located at 1711 Sheridan Road, Escanaba, MI.

Many of the poles that will be replaced under this contract will have non-power utility wires attached to them. The Contractor shall cut and discard the old pole tops down to level with non-power utility wires. Pole butts with connected non-power utility wires need not be removed by the Contractor.

## Special Work Conditions

The Contractor must also abide by or comply with certain special conditions for the work that is being performed. These conditions include but are not limited to:

- a. All work must be performed between 7:30 am and 4:00 pm, Monday – Friday.
- b. The Contractor must inform the Escanaba Electric Department where they will be working on a daily basis.
- c. The Contractor must provide the Escanaba Electric Department with cell phone number(s) for their crew(s).
- d. Anytime "live" work is to be performed, the circuit must be placed on "one-shot" AKA "non-reclosing" condition.
- e. All power must stay on at all times, unless permission can be obtained by the affected customer(s) for an outage. All outages must be as short of duration as possible.
- f. Poles that are removed by the Contractor must be disposed of at a location determined by the Escanaba Electric Department.

## Materials

All materials associated with poles that are to be replaced during the Work shall be provided by the City of Escanaba. Materials that the Contractor will be responsible for include working tools and working equipment (aerial/derrick trucks) needed for pole replacement.

## Schedule

The Contractor will commence work on a start date determined by the City of Escanaba. Contractors should note the soonest available start date with their proposal. The Contractor shall be expected to complete the Work by June 15, 2015 or as directed by the City of Escanaba and to proceed according to the schedule set by the City. No additional work shall occur beyond that date unless authorized by the City of Escanaba.

## Requirements Prior to Start of Work

The Contractor must meet certain requirements set both by the City of Escanaba and any applicable safety standards before starting any part of the Work outlined in this Document. Please see **Appendix B: Insurance and Conditions** for the necessary forms and/or procedures to meet the requirements for this Work.

9/12/2014

## Submitting Proposals

Bidders shall at least use the Official Bidder's Proposal when submitting their bids. The priced proposal or quotation shall be formatted to include the costs and timeline for the replacement of poles. Proposals are due in the Clerk's office by 2:00 pm on or before September 30, 2013.

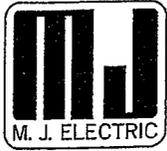
Please send your proposal to:      Robert Richards, City Clerk  
The City of Escanaba – City Hall  
PO Box 948  
410 Ludington Street  
Escanaba MI 49829

Please contact Electric Department Superintendent, Michael Furmanski, with any questions pertaining to these bid specifications.

Michael Furmanski  
Electric Superintendent

City of Escanaba  
Electric Department  
1711 Sheridan Rd.  
Escanaba, MI 49829  
[mfurmanski@escanaba.org](mailto:mfurmanski@escanaba.org)  
Office: 906-786-0061  
Cell: 906-280-8757  
Fax: 906-786-0791

Attachments  
Official Bidder's Proposal  
Appendix A: Pole Replacement Priority & Identification  
Appendix B: Insurance Requirements and Conditions



A QUANTA SERVICES COMPANY

# M. J. ELECTRIC, LLC

200 West Frank Pipp Drive • P. O. Box 686  
Iron Mountain, Michigan 49801  
Phone: (906) 774-8000 • Fax: (906) 779-4217  
www.mjelectric.com



**City of Escanaba**  
410 Ludington Street  
Escanaba, MI 49829

Sept 30, 2014

**Attn: Robert Richards / Mike Furmanski**  
**Re: Pole Replacements**

Our proposal includes the following clarifications...

1. Access is assumed to all structures. We may need help w/ some customer's outages.
2. Any necessary forestry work to be done by others. Or negotiated separately.
3. Taxes are not included.
4. Restoration to include only black dirt and seed. Sod, concrete, blacktop or fence replacement is not included.
5. Riser transfers are assumed to reach. Splicing to be negotiated separately.
6. Material needed after initial pickup will be delivered to site by others. A semi trailer will be provided and staged near work. Poles will be picked up by MJ.
7. Any relocation of existing URD facilities negotiated separately. (Not risers)
8. Backfill with native soil included.
9. Standard traffic control included (signage). We plan on using a 3 man crew, any additional resources needed for flagging or traffic, if necessary, would be at cost +15%. (lane closures, reroutes, flagging)
10. Work area must be open. Parking restrictions may apply.
11. Potholing/Hydrovac work, if necessary, would be hourly.
12. Snow removal by others.
13. Delays caused by others to be hourly (outages, etc)
14. City of Escanaba to provide yard space for show up.
15. Only the poles (30) with supplied pictures are included in proposal, others negotiated separately.
16. Rock excavation to be hourly if encountered.
17. Show up yard power to be supplied by City of Escanaba.

Any / all of our bid clarifications are open to discussion. We appreciate the opportunity to submit a proposal and look forward to working with you again.

If you have any question or concerns, feel free to call.

Sincerely,

**Jeff Ulman - General Manager**

**920-841-2655 cell**

**CITY OF ESCANABA**

410 LUDINGTON STREET  
 ESCANABA, MI 49829

**M. J. ELECTRIC, LLC**

200 WEST FRANK PIPP DR  
 IRON MOUNTAIN, MI 49801

ATTN : MIKE FURMANSKI / ROBERT RICHARDS

DATE : 9-30-2014



<u>JOB CLASS</u>	<u>DESCRIPTION</u>	<u>STRAIGHT TIME BILLING RATE</u>	<u>TIME &amp; ONE-HALF BILLING RATE</u>	<u>DOUBLE TIME BILLING RATE</u>
(200 G0)	General Foreman	\$112.44	\$157.95	\$203.46
(180 F0)	Crew Foreman	\$106.20	\$148.80	\$191.40
(160 J0)	Journeyman Lineman	\$97.87	\$136.60	\$175.33
(100 A7)	Apprentice - 7th 1000 Hours	\$89.54	\$124.40	\$159.26
(100 A6)	Apprentice - 6th 1000 Hours	\$85.37	\$118.30	\$151.22
(100 A5)	Apprentice - 5th 1000 Hours	\$81.21	\$112.20	\$143.19
(100 A4)	Apprentice - 4th 1000 Hours	\$77.05	\$106.10	\$135.15
(100 A3)	Apprentice - 1-3rd 1000 Hours	\$72.88	\$100.00	\$127.11
(320 O0)	Heavy Equipment Operator	\$89.54	\$124.40	\$159.26
(300 G0)	Groundman	\$60.39	\$81.70	\$103.00
(360 L0)	URD 2-Man Crew Leader	\$100.99	\$141.17	\$181.36
(320 O1)	Equipment Operator	\$81.21	\$112.20	\$143.19
(320 O2)	Heavy Equipment NCCCO Cert	\$93.70	\$130.50	\$167.30
(480 T0)	Operator Trainee I	\$72.88	\$100.00	\$127.11
(480 T1)	Operator Trainee II	\$77.05	\$106.10	\$135.15
(440 T1)	Heavy Groundman Truck Driver	\$72.88	\$100.00	\$127.11
(440 T0)	Light Groundman Truck Driver	\$68.72	\$93.90	\$119.08
(100 A1)	Apprentice - 1st 1000 Hours	\$72.88	\$100.00	\$127.11
(100 A2)	Apprentice - 2nd 1000 Hours	\$72.88	\$100.00	\$127.11

RATES ARE PORTAL TO PORTAL - ANY APPLICABLE MEALS, HOTELS, PER DIEMS  
 WOULD BE BILLED AT COST +15%

**M. J. ELECTRIC, LLC**  
**2014-2015 CUSTOMER EQUIPMENT RENTAL RATES**  
**EFFECTIVE JUNE 1, 2014 THRU MAY 31, 2015**

EQUIPMENT DESCRIPTION	HOURLY RATE
--------------------------	----------------

**WIRE STRINGING EQ-TRAILER**

**DISTRIBUTION EQUIPMENT**

TAKE-UP TRLR 10HP	\$10.16
SINGLE REEL TRAILER	\$6.57
2 REEL WIRE TRLR	\$8.21
3 REEL WIRE TRLR	\$10.27
SELF LOADING REEL TRLR	\$10.27
FOUR DRUM P/LINE W/ROPE	\$36.20
REEL TRLR W/31" BULLWHEEL	\$9.24

**TRANSMISSION EQUIPMENT**

2 REEL TRLR W/42" TENSIONER	\$20.54
1 REEL TRLR W/48" BULLWHEEL	\$9.24
3 REEL TRLR. W/48 IN TENSIONER	\$20.54
SINGLE REEL PULLER/TENSIONER	\$19.16
THREE REEL TRAILER W/BRAKE	\$11.66
3 REEL TRLR W/ 60 " TENSIONER	\$24.68
72" TENSIONER	\$28.80
74 MORGAN 60" BUNDLE 2 TENSIONER	\$80.12
72" BUNDLE TWO TENSIONER	\$46.46
72" BUNDLE 3 TENSIONER	\$80.29
72" BUNDLE 4 TENSIONER	\$200.29
3 DRUM P/LINE W/ROPE	\$42.77
5 DRUM P/LINE W/ROPE	\$70.58
3 DRUM PULLER W/WIRE ROPE	\$90.49
SINGLE DRUM 20,000 # PULLER	\$71.31
75 SINGLE DRUM 50,000# PULLER	\$195.14
PENGO 108" PULLER/TENSIONER	\$123.42

**WIRE STRINGING EQ-TRUCK MTD**

75 PETE 6X6 W/PULLER	\$37.64
82 F700 5 DRUM P-LINE	\$37.64

**AIR COMPRESSOR**

125 CFM AIR COMP.	\$19.19
175 CFM COMP.	\$19.19
185 CFM COMP.	\$19.19

**TRAILER-FIFTH WHEEL**

STOUGHTON 48' FLTBD TRL	\$4.61
GREAT DANE X-TENDABLE TRLR.	\$12.89
FONTAINE 50 T LOW BOY	\$34.23
FONTAINE 90 T LOW BOY	\$164.52

**TRAILER-POLE / UTILITY**

SINGLE TANDEM POLE TRAILER	\$9.58
DUAL TANDEM POLE TRAILER	\$15.79
SM. POLE TRAILER	\$3.42
POLE/MATERIAL TRAILER	\$3.42
TANDEM POLE/MAT TRAILER	\$4.61
STEERABLE POLE/TRAILER	\$15.79

**TRAILER-EQUIPMENT**

TRI-AXLE EQUIPMENT TRAILER	\$4.45
3000 GVW TRAILER	\$3.70
10 TON EQUIP. TRLR AIR BRAKE	\$16.43
10 TON EQUIP. TRLR ELEC BRAKE	\$16.43
20 TON EQUIP. TRLR AIR BRAKE	\$17.11

**TRACTOR-FIFTH WHEEL-TANDEM**

TRUCK TRACTOR 6X4	\$55.71
TRUCK TRACTOR 8X4	\$55.71

**TRACTOR-FIFTH WHEEL-SINGLE**

TRUCK TRACTOR	\$37.64
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**PICK-UP TRUCKS**

1/2 TON PICK-UP TRUCK 2 WD	\$8.98
3/4 TON PICK-UP TRUCK 2 WD	\$9.84
1 TON PICK-UP TRUCK 2 WD	\$9.84
1/2 TON PICK-UP TRUCK 4WD	\$12.31
3/4 TON PICK-UP TRUCK 4WD	\$12.60
1 TON PICK-UP TRUCK 4WD	\$12.60
3/4 TON LINE BODY TRUCKS 4WD	\$17.37
3/4 TON LINE BODY 4WD W/WINCH	\$18.82
1 TON STAKE TRUCK 2 WD	\$16.71
1 TON STAKE TRUCK 4 WD	\$18.07

**MECHANICS TRUCK**

FORD F550 MECHANICS TRUCK	\$21.71
CHEV LUBE TRUCK	\$50.67

**2 1/2 TON FLATBED TRUCK**

STAKE TRUCK	\$27.10
STAKE TRUCK W/DUMP BED	\$29.77

**DUMP TRUCK**

15 YARD DUMP TRUCK 6X4	\$42.16
DUMP TRUCK W/SNOW PLOW	\$42.16

**SERVICE VAN**

3/4 TON SERVICE VAN	\$8.98
1 TON SERVICE VAN	\$8.98

**BUCKET TRUCK**

BUCKET TRUCK 48' - 55'	\$38.78
BUCKET TRUCK-55' MAT'L HANDLER	\$46.18
BUCKET TRUCK-65'	\$45.65
BUCKET TRUCK-75'	\$73.84
BUCKET TRUCK-100'	\$86.14
BUCKET TRUCK-125'	\$157.37

**DIGGER DERRICK TRUCK**

DIGGER TRUCK	\$45.83
DIGGER TRUCK 60' 6 X 6	\$75.29
MINI DERRICK W/TRLR.	\$29.24

**FORKLIFT-ROUGH TERRAIN**

6,000 LBS. RT FORKLIFT	\$36.20
10,000 LBS. RT FORKLIFT	\$39.82

**ROUGH TERRAIN CRANES**

GROVE RT518 CRANE	\$73.78
GROVE CRANE 65 T RT	\$144.78

**TRUCK MOUNTED CRANES**

TRUCK MOUNTED 22 TON CRANE	\$60.23
TRUCK MOUNTED 25 TON CRANE	\$63.12
TRUCK MOUNTED 40 TON CRANE	\$94.83

## KNUCKLEBOOM CRANE

FORD F550 W/CRANE	\$27.51
FORD W/KNUCKLEBOOM CRANE	\$32.36
IHC 4X4 W/5 TON KNUCKLEBOOM	\$50.67

## TRACK MOUNTED EQ-BOMBARDIER

BOMBARDIER. W/BACKHOE	\$70.85
BOMBARDIER. CARRIER	\$70.85
BOMBARDIER W/DIGGER	\$79.05
BOMBARDIER B-15 DUMP	\$82.82
BOMBARDIER B-15 W/17 T CRANE	\$105.40
BOMBARDIER B-15 W/25 T CRANE	\$137.54
GO TRACT W/SAG WINCHES	\$63.99
FLEXTRAC W/TELECT DIGGER	\$79.05
GO TRACT W/A72T BUCKET	\$132.20
GO TRACT W/D4060 DIGGER	\$138.48

## CRAWLER-TRACTOR / BACKHOE

D6D CAT DOZER W/WINCH	\$82.88
JD450G DOZER W/WINCH	\$27.86
JD550G DOZER W/WINCH	\$30.12
JD650G DOZER W/WH	\$43.44
D6R W/WINCH	\$119.61
D8H W/SAG WINCHES	\$152.02

## TRENCHER / CABLE PLOW

DITCHWITCH TRENCHER	\$31.85
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## LOADER / BACKHOE-RUBBER TIRE

JD550G DOZER/BACKHOE	\$35.38
LOADER/BACKHOE 2WD	\$31.24
LOADER/BACKHOE 4WD	\$31.24
CHAMPION 715A GRADER	\$93.27

## OFFICE TRAILER

8X26 OFFICE TRLR	\$3.37
8X28 LUNCH TR.	\$3.37
8X32 OFFICE TRAILER	\$3.61
10X48 OFFICE TRL	\$4.20
12X60 OFFICE TRLR	

**TRAILER-CARGO**

12000 LBS.GVW TRLR	\$3.04
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**TRAILER-SEMI VAN**

STORAGE VAN TRAILER	\$1.65
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**MISCELLANEOUS EQUIPMENT**

PORTABLE WELDING	\$5.95
PORT HYD POWER TRL	\$15.05
TAND 5TH WHEEL DOLLY	\$1.84
CAR TOW DOLLY	\$0.65
60 PASSENGER BUS	\$12.04
AMIDA ARROWBOARD	\$7.24
PORTABLE WATER TANK	\$23.36
PORTABLE LIGHT GENERATOR	\$10.14
TRNSFMR DOLLY W/TRAILER	\$24.81

**SPECIALIZED EQUIPMENT**

SUPER ECON. TEXOMA DIGGER	\$85.92
FIBER OPTIC SP/TR	will advise
HONDA TRX 350 4W	\$3.76
CASE 1840 UNILOAD	\$19.54
TEXOMA 700 DIGGER	\$116.97
PAYSTAR W/PRENTICE 120 E	\$65.66
74 FORD C75 WATER TRUCK	\$25.70
IHC W/BARKO 130 LOADER	\$83.76
FORD F750 LUBE/OIL TRUCK	\$50.67
WATSON 3100 DIGGER	\$319.68

**M. J. ELECTRIC, LLC TERMS AND CONDITIONS :**

- #1. Above rates are for a fully fueled and maintained unit and will be in effective until May 31, 2015. They are subject to adjustments thereafter.
- #2. Above rates do not include an operator.
- #3. All rates are portal to portal unless prior arrangements are made.
- #4. All rates are based on M. J. ELECTRIC, LLC owned equipment. In the event equipment is rented from outside sources, rates will be adjusted accordingly.

## NOTICE TO BIDDERS

Sealed bids will be received by the City of Escanaba at the office of the City Clerk, on or before 2:00 p.m. - local time – on September 30, 2014.

### **Request for Proposal – Distribution Pole Replacement Project**

The bids will be publicly opened and read in the City Clerk's Office at said time and date.

Bidder's proposals and/or specifications may be obtained from the office of the City Clerk, located at 410 Ludington Street, Escanaba, Michigan 49829. No bid will be considered unless the proposal is enclosed in a sealed envelope marked:

### **Request for Proposal – Distribution Pole Replacement Project**

In addition, the City of Escanaba, Michigan, will not consider any proposal which has not been received prior to the published time, date and year of bid opening. FAX transmittals will not be accepted.

A certified check, cashier's check, or Bidder's Bond, drawn payable - without condition - to the City of Escanaba, Michigan, in an amount not less than 10% of the bid will be submitted with each proposal as a guarantee that if the bid is accepted, the bidder will furnish materials or services as stated in his/her proposal. On failure of the successful bidder to fulfill the conditions of his/her proposal, he/she shall forfeit said deposit to the City of Escanaba, Michigan, as liquidated damages. The acceptance of the proposal will be contingent upon the bidder's acceptance of this provision.

The City of Escanaba, Michigan, reserves the right to reject any or all bids, or any part thereof, at its discretion and to waive any irregularities in the bidding. The City of Escanaba, Michigan, may also split bids at its discretion. The City further reserves the right to negotiate directly with any and all bidders concerning any matter related to any bid.

All City of Escanaba, Michigan, bids are prepared so as to afford all vendors the equal opportunity for fair and equitable competition. The City of Escanaba, Michigan, assumes no liability or responsibility for any errors or oversights in the preparation and/or publication of bids.

Any questions concerning this bid should be directed to the City of Escanaba Electric Superintendent, Mike Furmanski @ (906) 786-0061 or [mfurmanski@escanaba.org](mailto:mfurmanski@escanaba.org).

9/11/2014

## Official Bidder's Proposal

Date: 9-26-2014

City of Escanaba  
Escanaba, MI 49829

We, the undersigned, agree to furnish the City of Escanaba, Michigan, labor and machinery or equipment, in accordance with the attached minimum specifications, which are part of this proposal, at the following prices:

Lump Sum for defined project: \$ 86,940<sup>00</sup>

*If possible, please provide a sum of the individual unit prices listed in Appendix A.*

Hourly rates for Crews for **additional work not defined** in this proposal:

Digger/Derrick Truck and 2\_\_ or 3 / person Crew \$ 365<sup>00</sup>

Bucket Truck and 2\_\_ or 3 / person Crew \$ 365<sup>00</sup>

Estimated Start Date: \_\_\_\_\_

**CERTIFIED CHECK, CASHIER'S CHECK, OR BIDDER'S BOND ENCLOSED IN THE AMOUNT OF:**

\$ 8,700<sup>00</sup>  
(Must be included to qualify)

9/11/2014

SUBMITTED BY

FIRM:

FOX POWER INC

ADDRESS:

P.O. BOX 85

GLADSTONE MI 49839

NAME (PRINT):

DEREK WEIDE

SIGNED:

*Derek Weide*

TITLE:

PRESIDENT

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**Fwd: Escanaba Green Energy Update**

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cc/EAC 10/8/14

**From :** Jim O'Toole - City Manager <jotoole@escanaba.org> Thu, Oct 02, 2014 03:48 PM  
**Subject :** Fwd: Escanaba Green Energy Update  
**To :** Kimberly Peterson <kpeterson@escanaba.org>

10 copies

James V. O'Toole  
City Manager  
Escanaba, MI 49829  
(906) 786-9402  
jotoole@escanaba.org

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**From:** "John Ranson" [REDACTED]  
**To:** jotoole@escanaba.org  
**Cc:** [REDACTED]  
**Sent:** Thursday, October 2, 2014 3:24:55 PM  
**Subject:** Escanaba Green Energy Update

Jim:

Please excuse the informality of this update. I am away from my laptop and its files; but did want to get you this asap.

We are in daily contact with Corban's representatives. Corban's lawyers are finalizing the loan documentation for the Corban - EGE loan. Corban will also be opening up its dialogue with Delta Title, the local title company, to put in place funding procedures, etc that will allow for the closing and first funding.

Charlie and I will provide further info and a final schedule as soon as EGE receives it from Corban.

John Ranson  
Managing Member