

REQUEST FOR COUNCIL ACTION

| | | | |
|--------------------------------|---|--|--|
| DATE: | TITLE: | | |
| February 3, 2015 | CHAUTAUQUA ISLE OF LIGHTS, INC. AGREEMENT | | |
| ORIGINATING DEPARTMENT: | TYPE OF ACTION: | <input type="checkbox"/> ORDINANCE | <input type="checkbox"/> RESOLUTION |
| Administration | | <input checked="" type="checkbox"/> FORMAL ACTION | <input type="checkbox"/> OTHER |

RECOMMENDATION:

I recommend that the Council approve the agreement between the Chautauqua Isle of Lights, Inc. and the City of Beloit.

FISCAL NOTE:

- There are indirect costs associated with approval of this item. We donate approximately 50,000 kW of electricity to the project. City crews also spend significant time assisting with the set-up and take down of the project.

DISCUSSION:

Attached is the annual agreement between the Chautauqua Isle of Lights, Inc. and the City of Beloit. This is the same agreement that the City has entered into for the past several years. The only language from the agreement that changes from year-to-year is the term of the agreement. The suggested term in this agreement is from October 24, 2015 to January 18, 2016. This allows about a month of set-up time and about two (2) weeks to take everything down.

Although there is significant City expense associated with this project, I believe that it is well worth our time, effort, and money. Therefore, I recommend that the Council approve the agreement between the Chautauqua Isle of Lights, Inc. and the City of Beloit.

Respectfully submitted,

Glenn Rodden
City Administrator

AGREEMENT

THIS AGREEMENT, made and entered into this 3rd day of February, 2015 by and between Chautauqua Isle of Lights, Inc., hereinafter referred to as "CILI", and the City of Beloit, Kansas, hereinafter referred to as "City".

WHEREAS, CILI desires to create a Seasonal Lighting Exhibition ("Exhibition") in the environs known as Chautauqua Park that will be for the benefit and enjoyment of Beloit area residents and visitors, and;

WHEREAS, CILI has requested the use of Chautauqua Park for purposes of a lighting Exhibition, and the electricity for the same from the City, which the City is willing to do to assist CILI in the Exhibition;

NOW THEREFORE, in consideration of the mutual promises, covenants and payments as set forth herein, the parties agree as follows:

1. Responsibility: CILI shall be solely responsible for the supervision, set up, and location of all displays of the Exhibition, consisting of fixtures, lights, decorative structures and other related items, including the seasonal theme, purpose or message of such Exhibition, whether owned by third parties or CILI

2. Maintenance: Once exhibits are installed, CILI will be solely responsible for all safety issues involving said exhibits and all costs and expense associated with repairs, maintenance, light bulb replacement and other related cost of maintenance of displays or exhibits to keep them in good and safe working order and condition during the term of this agreement.

3. Electricity: City agrees to furnish electricity for the operation of the lighting portion of the Exhibition during the period that it is accessible to the public. City agrees that CILI will not pay for electricity that is consumed in the operation of said Exhibition.

4. Insurance: CILI agrees to obtain, pay for, and maintain comprehensive general liability insurance to cover the Exhibition for the period of time described in Section 13. The limits of insurance shall be not less than \$500,000 per occurrence, \$500,000 personal and/or advertising injury limit, \$1,000,000 products/completed operations aggregate and \$1,000,000 general aggregate, which will include claims for alleged violations of the U.S. and Kansas Constitutions, and pertinent federal and state court decisions. City shall be named as an additional insured on the policy. CILI agrees to indemnify and hold the City harmless for any and all claims, suits, actions, attorney fees, costs, including but not limited to the supervision, installation, maintenance, repairs, removal and related care of the Exhibition.

5. Set-up and Removal: City agrees to allow the Exhibition to be erected or otherwise installed in Chautauqua Park for the period described in Section 13. CILI agrees to be responsible for the scheduling and supervision of the Exhibition set-up and removal.

6. Closing of Chautauqua Park: City shall allow the gates to Chautauqua Park to be closed to public access during the term of this agreement, except for hours that the Exhibition is opened for public viewing. The gates to the entrance of Chautauqua Park shall be maintained by City, and said gates shall only be opened on a daily basis at the direction of CILI. CILI agrees that Chautauqua Park will be opened to the public only during times that direct supervision is available. CILI agrees to provide for

persons to supervise the display during viewing hours. The City shall not be responsible for any damaged or destroyed items in the Exhibition.

7. Inspection of Display: CILI agrees to cause a daily inspection of the Exhibition to be conducted. Said inspection shall ensure that fixtures and display units are in good repair and pose no danger to personal vehicles and/or pedestrian traffic during viewing hours. Any condition that may pose a hazard to the public shall be repaired by CILI prior to the opening of the Exhibition for public viewing.

8. Donations: City allows CILI to accept donations at the entrance of Chautauqua Park. However, CILI agrees that no purchase shall be required, nor donation be demanded for admittance into the park during public viewing hours. CILI agrees to provide a report to the City relating to attendance and financial donations following completion of this agreement.

9. Weather: CILI understands that Chautauqua Park lies along the Solomon River. Should weather conditions cause flooding in the area of the park, the City retains the right to close the display from public access. Likewise, in the event of snowfall, the City retains the right to limit access to the park until roadways have been cleared of snow and/or ice to assure safe roadways.

10. Assignment or Lease: CILI shall not assign or lease any part of this agreement or any part of the Exhibition to any party without the prior written consent of the City.

11. Location of Exhibit: The location of the Exhibition shall be approved in advance by the City.

12. Violation of Terms: In the event CILI violates any of the terms of this agreement, the City at its option, may terminate it immediately without any liability.

13. Term: This agreement shall be in force from 12:01 a.m. on October 24, 2015 until 12:01 a.m. on January 18, 2016 and a possible similar term each year thereafter. Prior to March 1 of each year, CILI will notify the City of its desire to extend the term and the beginning and ending dates thereof. The City agrees to consider the requested extended term at any regular March meeting. If the governing body approves the CILI's requested extended term, such approval shall constitute an extension of all of the terms and conditions of this Agreement by the parties for the extended term. This agreement is subject to the right of either party providing the other party written notice of their intent not to renew an extended term of this agreement, to be given on or before March 1, prior to any extended term.

IN WITNESS WHEREOF, the parties have hereto set their hands the day and year first above written.

CITY OF BELOIT, KANSAS

CHAUTAUQUA ISLE OF LIGHTS, INC.

By _____
Tom Naasz, Mayor

By _____
Robert J. Severance, President

ATTEST:

Amanda Lomax, Director of Finance/City Clerk

REQUEST FOR COUNCIL ACTION

| | | | |
|--------------------------------|------------------------|--|--|
| DATE: | TITLE: | | |
| February 3, 2015 | Transformer Bid | | |
| ORIGINATING DEPARTMENT: | TYPE OF ACTION: | <input type="checkbox"/> ORDINANCE | <input type="checkbox"/> RESOLUTION |
| Electric Department | | <input checked="" type="checkbox"/> _X_ FORMAL ACTION | <input type="checkbox"/> OTHER |

RECOMMENDATION:

I recommend that the city council approve the Transformer Bid from Kriz-Davis in the amount of \$50,130.00.

FISCAL NOTE:

Funding is available under Electric Systems Division 53-43-8300 (FY2015 Budget is \$150,000 with a current balance of \$139,444.56 as of 1-30-15).

| | |
|----------------------------|-------------|
| Kriz-Davis Co. | \$50,130.00 |
| Stanion Wholesale Electric | \$50,324.00 |
| Solomon Corporation | \$54,110.00 |
| Wesco | \$55,308.00 |

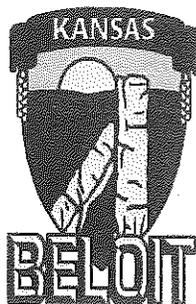
DISCUSSION:

The materials will be used at various locations such as the Old Color Corp, and the new Dollar General.

Respectfully submitted,

Glenn Rodden
CityAdministrator

502 East 12th Street
Beloit, Kansas 67420



Tel No (785) 738-3781
Fax No (785) 738-2290

TO: City Administrator and City Council

FROM: Ronald Sporleder
Director of System Operations

RE: Transformer Bid #L-0822

DATE: January 28, 2015

We are requesting approval. For the low bid of \$50,130.00 To Kriz-Davis Co These Transformers Are Going to replace some, larger ones that are on our system that are too big, and adding to our line loss, One 75 KVA transformer will replace a 500 KVA Transformer. That is at the old Dollar General, We are replacing a 150 KVA Transformer. At the North Campus with a 75 KVA Transformer. Then the 150 KVA Transformer will be used at the new Dollar General store. We are starting to move Transformers a round that we have already bought. To get more load on them. By getting them loaded. That will help dry the moisture out of the oil, and make them last longer. And the smaller transformer cost less. We need A 150 KVA, Transformer at The old Color Cooperation. The 15 KVA. Transformers will be .Used on Homes. They will serve 2 houses A 25 KVA. Would handle 4 homes.

We had 4 bids

| | |
|---------------------|---------------|
| Kriz Davis | - \$50,130.00 |
| Stanion | - \$50,324.00 |
| Solomon Corporation | \$54,110.00 |
| Wesco | \$55,308.00 |

Ronald Sporleder

Director of Systems Operation

CITY OF BELOIT

119 North Hersey
Box 567
Beloit, Kansas 67420

The City of Beloit, Kansas, 119 North Hersey, Box 567, Beloit, Kansas, will be accepting bids at the office of the City Clerks until:

TIME: 3:30 PM

DATE: January 27 2015

for the purchase of the following item(s)/ material(s): **Transformers**

All items(s)/ material(s) are to be bid FOB, Beloit, Kansas. This bid is to be guaranteed for no less than thirty (30) days from the date of bid opening.

All bids submitted in a envelope are to be prominently marked: **Transformer Bid of L-0822**

All bids received by the closing date and time will be publicly opened and read aloud at the time and date above in the office of the City Clerk, 119 North Hersey, Beloit, Kansas.

The City of Beloit, reserves the right to select the best bid, waiver formalities and reject any and all bids.

For additional information on bid specifications, contact System Operations Department, (785) 738-3781.

Ronald Sporleder
Director of System Operations

For additional information on results of the bid opening, contact the Office of the City Clerk, (785) 738-3551

General specifications for Pad Mount Transformer

- (1) Transformers will be New
- (2) All transformers shall have good welds with no leaks, good paint job with no rust and the doors will fit without having to be forced.
- (3) All transformers shall be Dead Front, Loop Feed with bushing wells and bushing well inserts.
- (4) They shall be new copper wound.
- (5) They shall have new PCB Free Oil (2PPM or under).
- (6) They shall have external tap changers.
- (7) They shall have Bayonet fuses.
- (8) They will have automatic pressure relief valves.
- (9) They will have a oil drain plug.

If there are any deviations from the transformer specifications indicate changes with bid.

THREE PHASE PAD MOUNTED TRANSFORMERS

Transformer

Three Phase pad mount, Primary 7200/12470Y 120/208 WYE

| Number of units to be bid | Kva of units to be bid | Price of unit |
|------------------------------|---------------------------|-----------------------|
| 4 | 75 KVA | \$ <u>6,488.00</u> ca |
| 2 | 150 KVA | \$ <u>8,051.00</u> ca |

SINGLE PHASE Pad MOUNTED TRANSFORMERS

Single phase Pad Mount Primary 7200, 120/240 volt secondary.

| Number of units to be bid | Kva of units to be bid | Price of unit |
|---------------------------|------------------------|-----------------|
| Three 4 | 15 KVA | \$ 2,019.00 ea. |

PROPOSAL SHEET FOR BID L - 0822

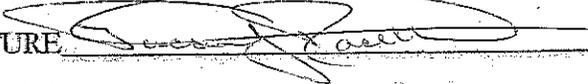
I propose to supply the City of Beloit, Kansas with the item(s) or material(s) listed in this bid for a total purchase price of \$ 50,130.00 this is FOB, 502

E. 12th Street, Beloit, Kansas 67420-0567.

Estimated delivery time: 10-12 Weeks After Receipt of Order

I understand that this bid is to be guaranteed for no less than fifteen (20) days from the date of bid opening.

BIDDER (NAME OF FIRM) Kriz-Davis Company

AUTHORIZED SIGNATURE 

ADDRESS 232 N. 3rd Street CITY Salina

STATE Kansas ZIP CODE 67401

TELEPHONE (785) 827-4497 DATE 1/22/2015

Date January 5, 2015

Due Date January 27, 2015

City Of Beloit
119 N Hersey
P.O. Box 567
Beloit KS 67420

PH: 785-738-3551 FX: 785-738-2517

Quantity: 4 KVA: 75

Transformer Type:

1 Phase Pole Mount
 3 Phase Pad Mount

Core Winding Type:

| | |
|--|--|
| Primary | Secondary |
| <input checked="" type="checkbox"/> Copper | <input checked="" type="checkbox"/> Copper |
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Aluminum |

Primary Voltage:

| | |
|---|--|
| <input type="checkbox"/> 2400 Delta | <input type="checkbox"/> 4160Grdy/2400 |
| <input type="checkbox"/> 4160 Delta | <input type="checkbox"/> 7200/12470Y |
| <input type="checkbox"/> 4800 Delta | <input checked="" type="checkbox"/> 12470Grdy/7200 |
| <input type="checkbox"/> 7200 Delta | <input type="checkbox"/> 7620/13200Y |
| <input type="checkbox"/> 12470 Delta | <input type="checkbox"/> 13200Grdy/7620 |
| <input type="checkbox"/> 13200 Delta | <input type="checkbox"/> 14400/24940Y |
| <input type="checkbox"/> 13800 Delta | <input type="checkbox"/> 24940Grde/14400 |
| <input type="checkbox"/> 14400 Delta | <input type="checkbox"/> 19920/34500Y |
| <input type="checkbox"/> 34.5 Delta (150 BIL) | <input type="checkbox"/> 34500Grdy/19920 |
| <input type="checkbox"/> 2400/4160Y | |
| <input type="checkbox"/> Other: | |

Secondary Voltage:

| | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> 120/208 Wye | <input type="checkbox"/> 277/480 Wye |
| <input type="checkbox"/> 120/240 | <input type="checkbox"/> 240 Delta |
| <input type="checkbox"/> 240/480 | <input type="checkbox"/> 480 Delta |
| <input type="checkbox"/> Other: | |

Fluid Type: 2 PPM or Less with Analysis Report

FR3 Mineral Oil

Primary Connection:

| | |
|--|--|
| Pole Mount | Pad Mount |
| <input type="checkbox"/> # of Bushings: _____ | <input checked="" type="checkbox"/> Dead Front-Loop Feed |
| <input type="checkbox"/> Conventional | <input type="checkbox"/> Dead Front-Radial Feed |
| <input type="checkbox"/> Breaker only | <input type="checkbox"/> Live Front-Radial Feed |
| <input type="checkbox"/> Arrestor Cutout (no fuse) | |
| <input type="checkbox"/> SP (fuse, arrestor) | |
| <input type="checkbox"/> CSP (breaker, fuse, arrestor) | |

If CSP specify with or without signal light and with or without EOL (Emergency Overload)

Taps:

None
 Split: 4-2.5% +/-
 4 Below 2.5%
 J Taps, 14400V
 Other: _____

Primary Bushings:

(If Dead Front)

200A Wells Only
 200A Wells & Inserts
 200A 35KV 1pc Bushing
 600A Bushing
 Feed Through Insert

(If Live Front)

Eyebolts
 Spade

Primary Switches:

None
 4 Position T-Blade
 4 Position V-Blade
 On/Off
 Qty: _____

Pad Mount Cabinet

of Doors

1 for Single Phase
 2 for Three Phase

Stainless Steel

No
 Yes (see Below)

409 Grade
 304 Grade

Sill Only of Cabinet
 Sill & Sides of Cabinet
 Entire Cabinet
 Tank Base
 Tank Base & Bottom

Design Evaluation:

Evaluated Losses:

Yes No

No-Load(\$) _____
 Load(\$) _____
 \$ Multiplier if Applicable _____
 % Window if Applicable _____

DOE 2010, 10 CRF Part 431

Impedance:

Per ANSI Other: _____

Secondary Bushings: Brass

Studs J Spades 4 Inch
 1/4 inch Eyebolts
 5/8 inch Other: _____

of Spade Bushing Ho 8

Secondary Bushing Supports:

Yes No

Fusing:

Bay-O-Net
 CLF: Under Oil
 Canister Full-Range
 None

Optional Accessories:

Temp Gauge
 Liquid Level Gauge
 Pres/Vac. Gauge
 Drain Valve w/sample plug
 Under-Oil Arrestors
 Elbow Arrestors
 Live Front Arrestors
 Automatic Pres. Relief Valve

Color:

Standard Munsell Green
 Other: _____

Pallet Required:

Yes No

The City of Beloit would prefer not to have Howard Transformers.

Date January 5, 2015

Due Date January 27, 2015

City Of Beloit
119 N Hersey
P.O. Box 567
Beloit KS 67420

PH: 785-738-3551 FX: 785-738-2517

Quantity: 2 KVA: 150

Transformer Type:

- 1 Phase
- 3 Phase
- Pole Mount
- Pad Mount

Core Winding Type:

- | Primary | Secondary |
|--|--|
| <input checked="" type="checkbox"/> Copper | <input checked="" type="checkbox"/> Copper |
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Aluminum |

Primary Voltage:

- | | |
|---|--|
| <input type="checkbox"/> 2400 Delta | <input type="checkbox"/> 4160Grdy/2400 |
| <input type="checkbox"/> 4160 Delta | <input type="checkbox"/> 7200/12470Y |
| <input type="checkbox"/> 4800 Delta | <input checked="" type="checkbox"/> 12470Grdy/7200 |
| <input type="checkbox"/> 7200 Delta | <input type="checkbox"/> 7620/13200Y |
| <input type="checkbox"/> 12470 Delta | <input type="checkbox"/> 13200Grdy/7620 |
| <input type="checkbox"/> 13200 Delta | <input type="checkbox"/> 14400/24940Y |
| <input type="checkbox"/> 13800 Delta | <input type="checkbox"/> 24940Grde/14400 |
| <input type="checkbox"/> 14400 Delta | <input type="checkbox"/> 19920/34500Y |
| <input type="checkbox"/> 34.5 Delta (150 BIL) | <input type="checkbox"/> 34500Grdy/19920 |
| <input type="checkbox"/> 2400/4160Y | |
| <input type="checkbox"/> Other: | |

Secondary Voltage:

- | | |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> 120/208 Wye | <input type="checkbox"/> 277/480 Wye |
| <input type="checkbox"/> 120/240 | <input type="checkbox"/> 240 Delta |
| <input type="checkbox"/> 240/480 | <input type="checkbox"/> 480 Delta |
| <input type="checkbox"/> Other: | |

Fluid Type: 2 PPM or Less with Analysis Report

- FR3
- Mineral Oil

Primary Connection:

- | Pole Mount | Pad Mount |
|--|--|
| <input type="checkbox"/> # of Bushings: _____ | <input checked="" type="checkbox"/> Dead Front-Loop Feed |
| <input type="checkbox"/> Conventional | <input type="checkbox"/> Dead Front-Radial Feed |
| <input type="checkbox"/> Breaker only | <input type="checkbox"/> Live Front-Radial Feed |
| <input type="checkbox"/> Arrestor Cutout (no fuse) | |
| <input type="checkbox"/> SP (fuse, arrestor) | |
| <input type="checkbox"/> CSP (breaker, fuse, arrestor) | |

If CSP specify with or without signal light and with or without EOL (Emergency Overload)

Taps:

- None
- Split:4-2.5% +/-
- 4 Below 2.5%
- J Taps, 14400V
- Other: _____

Primary Bushings:

(If Dead Front)

- 200A Wells Only
- 200A Wells & Inserts
- 200A 35KV 1pc Bushing
- 600A Bushing
- Feed Through Insert

(If Live Front)

- Eyebolts
- Spade

Primary Switches:

- None
- 4 Position T-Blade
- 4 Position V-Blade
- On/Off
- Qty: _____

Pad Mount Cabinet

of Doors

- 1 for Single Phase
- 2 for Three Phase

Stainless Steel

- No
- Yes (see Below)
- 409 Grade
- 304 Grade
- Sill Only of Cabinet
- Sill & Sides of Cabinet
- Entire Cabinet
- Tank Base
- Tank Base & Bottom

Design Evaluation:

Evaluated Losses:

- Yes
- No

No-Load(\$)

Load(\$)

\$ Multiplier if Applicable

% Window if Applicable

DOE 2010, 10 CRF Part 431

Impedance:

Per ANSI Other: _____

Secondary Bushings: Brass

- Studs
- J Spades 4 Inch
- 1/4 inch
- Eyebolts
- 5/8 inch
- Other: _____

of Spade Bushing Ho **8**

Secondary Bushing Supports:

- Yes
- No

Fusing:

- Bay-O-Net
- CLF: Under Oil
- Canister Full-Range
- None

Optional Accessories:

- Temp Gauge
- Liquid Level Gauge
- Pres/Vac: Gauge
- Drain Valve w/sample plug
- Under-Oil Arrestors
- Elbow Arrestors
- Live Front Arrestors
- Automatic Pres. Relief Valve

Color:

- Standard Munsell Green
- Other: _____

Pallet Required:

- Yes
- No

The City of Beloit would prefer not to have Howard Transformers.

Date January 5, 2015

Due Date January 27, 2015

City Of Beloit

119 N Hersey

P.O. Box 567

Beloit KS 67420

PH: 785-738-3551 FX: 785-738-2517

Quantity: 4 KVA: 15

Transformer Type:

- 1 Phase Pole Mount
- 3 Phase Pad Mount

Core Winding Type:

Primary Secondary

- Copper Copper
- Aluminum Aluminum

Primary Voltage:

- 2400 Delta 4160Grdy/2400
- 4160 Delta 7200/12470Y
- 4800 Delta 12470Grdy/7200
- 7200 Delta 7620/13200Y
- 12470 Delta 13200Grdy/7620
- 13200 Delta 14400/24940Y
- 13800 Delta 24940Grde/14400
- 14400 Delta 19920/34500Y
- 34.5 Delta (150 BIL) 34500Grdy/19920
- 2400/4160Y
- Other: _____

Secondary Voltage:

- 120/208 Wye 277/480 Wye
- 120/240 240 Delta
- 240/480 480 Delta
- Other: _____

Fluid Type: 2 PPM or Less with Analysis Report

- FR3 Mineral Oil

Primary Connection:

Pole Mount Pad Mount

- # of Bushings: _____ Dead Front-Loop Feed
- Conventional Dead Front-Radial Feed
- Breaker only Live Front-Radial Feed
- Arrestor Cutout (no fuse)
- SP (fuse, arrestor)
- CSP (breaker, fuse, arrestor)

If CSP specify with or without signal light and with or without EOL (Emergency Overload)

Taps:

- None
- Split:4-2.5% +/-
- 4 Below 2.5%
- J Taps, 14400V
- Other: _____

Primary Bushings:

(If Dead Front)

- 200A Wells Only
- 200A Wells & Inserts
- 200A 35KV 1pc Bushing
- 600A Bushing
- Feed Through Insert

(If Live Front)

- Eyebolts
- Spade

Primary Switches:

- None
- 4 Position T-Blade
- 4 Position V-Blade
- On/Off
- Qty: _____

Pad Mount Cabinet

of Doors

- 1 for Single Phase
- 2 for Three Phase

Stainless Steel

- No
- Yes (see Below)
- 409 Grade
- 304 Grade
- Sill Only of Cabinet
- Sill & Sides of Cabinet
- Entire Cabinet
- Tank Base
- Tank Base & Bottom

Design Evaluation:

Evaluated Losses:

- Yes No

No-Load(\$)

Load(\$)

\$ Multiplier if Applicable

% Window if Applicable

DOE 2010, 10 CRF Part 431

Impedance:

Per ANSI Other: _____

Secondary Bushings: Brass

- Studs J Spades 4 Inch
- 1/4 inch Eyebolts
- 5/8 inch Other: _____

of Spade Bushing Holes: 4

Secondary Bushing Supports:

- Yes No

Fusing:

- Bay-O-Net
- CLF: Under Oil
- Canister Full-Range
- None

Optional Accessories:

- Temp Gauge
- Liquid Level Gauge
- Pres/Vac. Gauge
- Drain Valve w/sample plug
- Under-Oil Arrestors
- Elbow Arrestors
- Live Front Arrestors
- Automatic Pres. Relief Valve

Color:

- Standard Munsell Green
- Other: _____

Pallet Required:

- Yes No

The City of Beloit would prefer not to have Howard Transformers.

CITY OF BELOIT

119 North Hersey
Box 567
Beloit, Kansas 67420

The City of Beloit, Kansas, 119 North Hersey, Box 567, Beloit, Kansas, will be accepting bids at the office of the City Clerks until:

TIME: 3:30 PM

DATE: January 27 2015

for the purchase of the following item(s)/ material(s): **Transformers**

All items(s)/ material(s) are to be bid FOB, Beloit, Kansas. This bid is to be guaranteed for no less than thirty (30) days from the date of bid opening.

All bids submitted in a envelope are to be prominently marked: **Transformer Bid or L-0822**

All bids received by the closing date and time will be publicly opened and read aloud at the time and date above in the office of the City Clerk, 119 North Hersey, Beloit, Kansas.

The City of Beloit, reserves the right to select the best bid, waiver formalities and reject any and all bids.

For additional information on bid specifications, contact System Operations Department, (785) 738-3781.

Ronald Sporleder
Director of System Operations

For additional information on results of the bid opening, contact the Office of the City Clerk, (785) 738-3551

General specifications for Pad Mount Transformer

- (1) Transformers will be New
- (2) All transformers shall have good welds with no leaks, good paint job with no rust and the doors will fit without having to be forced.
- (3) All transformers shall be Dead Front, Loop Feed with bushing wells and bushing well inserts.
- (4) They shall be new copper wound.
- (5) They shall have new PCB Free Oil (2PPM or under).
- (6) They shall have external tap changers.
- (7) They shall have Bayonet fuses.
- (8) They will have automatic pressure relief valves.
- (9) They will have a oil drain plug.

If there are any deviations from the transformer specifications indicate changes with bid

THREE PHASE PAD MOUNTED TRANSFORMERS

Transformer

Three Phase pad mount, Primary 7200/12470Y 120/208 WYE

| Number of units to be bid | Kva of units to be bid | Price of unit |
|------------------------------|---------------------------|------------------------|
| 4 | 75 KVA | \$ <u>6,514.00</u> ea |
| 2 | 150 KVA | \$ <u>8,082.00</u> ea. |

SINGLE PHASE Pad MOUNTED TRANSFORMERS

Single phase Pad Mount Primary 7200, 120/240 volt secondary.

| Number of units to be bid | Kva of units to be bid | Price of unit |
|---------------------------|------------------------|-----------------------|
| Three (4) | 15 KVA | \$ <u>2026.00</u> ea. |

PROPOSAL SHEET FOR BID L - 0822

I propose to supply the City of Beloit, Kansas with the item(s) or material(s) listed in this bid for a total purchase price of \$ 50,324.00 this is FOB, 502 E. 12th Street, Beloit, Kansas 67420-0567.

Estimated delivery time. 8-10 WKS ARO

I understand that this bid is to be guaranteed for no less than fifteen (20) days from the date of bid opening.

BIDDER (NAME OF FIRM) STANION Wholesale Electric

AUTHORIZED SIGNATURE Bernie Wotta

ADDRESS 1206 E 22 CITY HAYS

STATE KS ZIP CODE 67601

TELEPHONE 800-397-8922 DATE 1/21/15

General specifications for Pad Mount Transformer

- (1) Transformers will be New
- (2) All transformers shall have good welds with no leaks, good paint job with no rust and the doors will fit without having to be forced.
- (3) All transformers shall be Dead Front, Loop Feed with bushing wells and bushing well inserts.
- (4) They shall be new copper wound.
- (5) They shall have new PCB Free Oil (2PPM or under).
- (6) They shall have external tap changers.
- (7) They shall have Bayonet fuses.
- (8) They will have automatic pressure relief valves.
- (9) They will have a oil drain plug.

If there are any deviations from the transformer specifications indicate changes with bid

THREE PHASE PAD MOUNTED TRANSFORMERS

Transformer

Three Phase pad mount, Primary 7200/12470Y 120/208 WYE

| Number of units to be bid | Kva of units to be bid | Price of unit |
|------------------------------|---------------------------|-----------------------|
| 4 | 75 KVA | \$ <u>7,355.00</u> ea |
| 2 | 150 KVA | \$ <u>8,225.00</u> ea |

**SINGLE PHASE Pad MOUNTED
TRANSFORMERS**

Single phase Pad Mount Primary 7200, 120/240 volt secondary.

| Number of units to be bid | Kva of units to be bid | Price of unit |
|------------------------------|---------------------------|-----------------------------------|
| 4 | 15 KVA | \$ <u>2,060.00</u> _{ca.} |

PROPOSAL SHEET

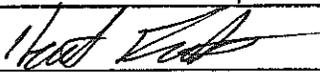
FOR BID L - 0822

I propose to supply the City of Beloit, Kansas with the item(s) or material(s) listed in this bid
for a total purchase price of \$ 54,110.00 this is FOB, 502
E. 12th Street, Beloit, Kansas 67420-0567.

Estimated delivery time. 13-14 Weeks ARO

I understand that this bid is to be guaranteed for no less than fifteen (20) days from the date
of bid opening.

BIDDER (NAME OF FIRM) Solomon Corporation

AUTHORIZED SIGNATURE 

ADDRESS 103 W Main St CITY Solomon

STATE KS ZIP CODE 67480

TELEPHONE 800-234-2867, ext 193 DATE 1-22-15

CITY OF BELOIT

119 North Hersey
Box 567
Beloit, Kansas 67420

The City of Beloit, Kansas, 119 North Hersey, Box 567, Beloit, Kansas, will be accepting bids at the office of the City Clerks until:

TIME: 3:30 PM

DATE: January 27 2015

for the purchase of the following item(s)/ material(s): **Transformers**

All items(s)/ material(s) are to be bid FOB, Beloit, Kansas. This bid is to be guaranteed for no less than thirty (30) days from the date of bid opening.

All bids submitted in a envelope are to be prominently marked: **Transformer Bid or L-0822**

All bids received by the closing date and time will be publicly opened and read aloud at the time and date above in the office of the City Clerk, 119 North Hersey, Beloit, Kansas.

The City of Beloit, reserves the right to select the best bid, waiver formalities and reject any and all bids.

For additional information on bid specifications, contact System Operations Department, (785) 738-3781.

Ronald Sporleder
Director of System Operations

For additional information on results of the bid opening, contact the Office of the City Clerk, (785) 738-3551

General specifications for Pad Mount Transformer

- (1) Transformers will be New
- (2) All transformers shall have good welds with no leaks, good paint job with no rust and the doors will fit without having to be forced.
- (3) All transformers shall be Dead Front, Loop Feed with bushing wells and bushing well inserts.
- (4) They shall be new copper wound.
- (5) They shall have new PCB Free Oil (2PPM or under).
- (6) They shall have external tap changers.
- (7) They shall have Bayonet fuses.
- (8) They will have automatic pressure relief valves.
- (9) They will have a oil drain plug.

If there are any deviations from the transformer specifications indicate changes with bid

THREE PHASE PAD MOUNTED TRANSFORMERS

Transformer

Three Phase pad mount, Primary 7200/12470Y 120/208 WYE

| Number of units to be bid | Kva of units to be bid | Price of unit |
|------------------------------|---------------------------|------------------------|
| 4 | 75 KVA | \$ <u>7,069.00</u> ea |
| 2 | 150 KVA | \$ <u>8,416.00</u> ea. |



Neg #: 15Q2504803

City of Beloit (Beloit Municipal Building) / Wesco Distribution Inc
/ City of Beloit, KS 15-150 kVA

| ITEM | QTY | kVA | EACH (USD) | NL | LL | TL | Conductor | %Z |
|------|-----|-----|------------|----------|-----------|------|-----------|------|
| 10 | 4 | 75 | 7,069 | 159 @ 85 | 1062 @ 85 | 1221 | Cu/Cu | 4.12 |
| 20 | 2 | 150 | 8,416 | 256 @ 85 | 1827 @ 85 | 2083 | Cu/Cu | 4.93 |

| ITEM | Shipment |
|------|-------------|
| 10 | 12-14 Weeks |
| 20 | 12-14 Weeks |

Quoted loss values are guaranteed average values.

Lead times for orders subject to drawing approval will be confirmed upon receipt of approval and release for manufacturing.

Description:

- Type : Liquid-Filled MTR Padmounted Transformer
- Fluid : Mineral Oil
- Core : Grain Oriented Steel
- Phase : 3 Phase
- Frequency : 60 Hz
- Average Winding Rise : 65 °C
- Ambient Temperature : 30 °C
- High Voltage : 12470GrdY/7200
- High Voltage Taps : +2 -2 2.5%
- High Voltage BIL : 95kV BIL
- Low Voltage : 208Y/120
- Low Voltage BIL : 30kV BIL
- Neutral : HOXO bushing with ground strap
- Feed Configuration : Loop feed
- Color : Green (Munsell 7GY 3.29/1.5)

Features (included in price):

TANK & CABINET

- Penta-head cabinet handle bolt

BUSHINGS

- Threaded stud LV bushings x 4
- Loadbreak Inserts (dead front) x 6
- ANSI C57.12.26 Fig 2 & 3 HV bushing pattern (minimum)
- 200 amp HV bushing wells x 6
- 8-hole NEMA spade terminals x 4
- ANSI C57.12.26 Fig 3&4a minimum stgrd LV bushing pattern

FUSES

- Fused bayonet with isolation link x 3
- Oil retaining valve on bayonet x 3

SWITCHES

- 4-position 200 amp T-blade make before break (closed transition)

MONITORING

- Liquid level gauge
- Pressure relief valve



Neg #: 15Q2504803

City of Beloit (Beloit Municipal Building) / Wesco Distribution Inc
/ City of Beloit, KS 15-150 kVA

- Dial type thermometer

FITTINGS

- Drain valve and sampler

OTHER

- 9.5" x 17.5" Tank Handhole Cover
- 18" deep cabinet
- DOE Efficiency (2010)

**SINGLE PHASE Pad MOUNTED
TRANSFORMERS**

Single phase Pad Mount Primary 7200, 120/240 volt secondary.

| Number of units to be bid | Kva of units to be bid | Price of unit |
|------------------------------|---------------------------|---------------------------------|
| Three 4 | 15 KVA | <u>\$2550.⁰⁰ ea.</u> |

PROPOSAL SHEET

FOR BID L - 0822

I propose to supply the City of Beloit, Kansas with the item(s) or material(s) listed in this bid for a total purchase price of \$ 55,308.00 this is FOB, 502 E. 12th Street, Beloit, Kansas 67420-0567.

Estimated delivery time. 12 weeks

I understand that this bid is to be guaranteed for no less than fifteen (20) days from the date of bid opening.

BIDDER (NAME OF FIRM) WESCO

AUTHORIZED SIGNATURE Metal Meyer

ADDRESS 2301 E. Truman Drive CITY Kansas City

STATE MO ZIP CODE 64127

TELEPHONE 712-255-7634 DATE 1/19/15



Neg #: 15Q2504803

City of Beloit (Beloit Municipal Building) / Wesco Distribution Inc
/ City of Beloit, KS 15-150 kVA

| ITEM | QTY | kVA | EACH (USD) | NL | LL | TL | Conductor | %Z |
|------|-----|-----|------------|---------|----------|-----|-----------|------|
| 30 | 4 | 15 | 2,550 | 45 @ 85 | 198 @ 85 | 243 | Cu/Cu | 1.57 |

| ITEM | Shipment |
|------|-------------|
| 30 | 10-12 Weeks |

Quoted loss values are guaranteed average values.

Lead times for orders subject to drawing approval will be confirmed upon receipt of approval and release for manufacturing.

Description:

Type : Liquid-Filled MTR Mini-Pak Padmounted Transformer
Fluid : Mineral Oil
Core : Grain Oriented Steel
Phase : 1 Phase
Frequency : 60 Hz
Average Winding Rise : 65 °C
Ambient Temperature : 30 °C
High Voltage : 12470GrdY/7200
High Voltage Taps : +2 -2 2.5%
High Voltage BIL : 95kV BIL
Low Voltage : 240/120
Low Voltage BIL : 30kV BIL
Feed Configuration : Loop feed
Color : Green (Munsell 7GY 3.29/1.5)

Features (included in price):

BUSHINGS

- Loadbreak inserts x 2
- Bushing wells x 2
- 4-hole NEMA spade low voltage termination x 3
- Stud secondary x 3

FUSES

- Bayonet mounted expulsion fuse + isolation link

SWITCHES

- 4-position 200 amp T-blade make before break (closed transition)

MONITORING

- Liquid level gauge
- Liquid temperature indicator
- Pressure relief valve

FITTINGS

- Drain valve and sampler

OTHER

- 14" deep cabinet
- DOE Efficiency (2010)
- Scoop drip shield



Neg #: 15Q2504803

City of Beloit (Beloit Municipal Building) / Wesco Distribution Inc
/ City of Beloit, KS 15-150 kVA

Terms and Conditions:

- Quote validity period: 30 days
- Payment Terms: Payment is due Net 30 Days from invoice date.
- Freight Terms: Shipment is DAP - Delivery at Place - Destination (KS, US)
- Warranty: 18 months from delivery or 12 months from commissioning, whichever occurs first.

Shipments:

- Lead times are subject to change based on availability of production space and/or materials at time of order. Please contact your ABB representative to confirm the lead time at order entry.
- Lead times for orders requiring drawing approval will be confirmed after receipt of approval and release for manufacturing.
- Transportation costs are based on truckload quantities and one stop within the 48 contiguous states of the United States. Multiple stops will be charged a minimum of \$150 per stop.
- Packaging and handling beyond what is stated in the quote, including blue water transport, are at the expense of the purchaser.
- Shipments by dedicated truck must be specified as such on the purchase order and billed accordingly.
- This quote does not include installation, training and field testing unless noted otherwise.
- For destinations outside of the United States, purchaser is to identify seller for customs reporting as ABB Inc, 150 Ardmore Blvd. Suite 401, Pittsburgh, PA 15221, Attention: International Contracts Management.

Price Validity:

- Prices are valid for the quantities stated in this quote and subject to change for orders less than quoted.
- Approval order pricing is firm for 30 days after initial mailing date of approval drawings. Orders not released for manufacture within 30 days of the initial drawing date are subject to price adjustment.
- Prices and lead time are subject to change should there be changes to specifications, configurations and accessories.

Approval Drawings:

- Purchaser to provide e-mail address at time of order entry for transmission of drawings.
- Drawing lead times are typically 3 - 4 weeks after receipt of order for Padmount transformers.
- Drawing lead times are typically 5 - 6 weeks after receipt of order for Secondary Unit Substation transformers.
- Drawings in less than typical lead time are available upon request and will be priced accordingly.
- Drawings can be supplied in "pdf" format at customer request

NEC & NFPA Exception:

Product will be designed, built and tested in accordance with ANSI, NEMA and IEEE (and UL if applicable) standards. Cabinetry is designed in accordance with NEMA 3R unless stated otherwise in the body of the quote. Exception is taken to NEC & NFPA as compliance is the responsibility of the installing contractor and/or end user.

Testing:

- Routine production tests are in accordance with IEEE C57.12.00.
- Fluid supply is regularly tested for PCB content.
- Nameplates state "Filled with non-PCB fluid that contains less than 1 ppm at time of manufacture."
- Comprehensive leak testing is completed on all products.
- Computer generated certified test reports provided as standard.



Neg #: 15Q2504803

City of Beloit (Beloit Municipal Building) / Wesco Distribution Inc
/ City of Beloit, KS 15-150 kVA

Special Test Price Adders:

- Chopped Wave at \$1,000 net each.
- Temperature Rise (base rating only) at \$2,000 net each.
- Temperature Rise (base rating plus max) at \$3,000 net each.
- Sound Level for product rated less than 2000 kVA at \$1,000 net each
- Power Factor at \$1,000 net each.
- Witness Testing at \$5,000 net each. (may be of a similar unit depending on availability of product at time of testing)

General Notes:

- Order should reference this negotiation number and applicable items.
- Extended warranty available upon request and will be priced accordingly.
- Units are quoted for normal service conditions as defined by ANSI/IEEE standards.
- Notify ABB should unit(s) be subject to harmonics, motor starting, shovel duty or other.
- Accessories not included with the product are T-Ops, secondary terminating lugs, grounding lugs, padlocks, wrenches and warning signs unless noted otherwise in the quote.
- UL labeling and FM certification are available for most configurations upon request.
- Nameplates are laser etched anodized aluminum.
- Penta-head door fastening bolt compliant to ANSI C57.12.28-1998.
- Door fastening hardware made of stainless steel or silicon bronze.
- Paint system is compliant with ANSI/IEEE C57.12.28.
- Ground pads are made of stainless steel.
- Instruction manuals and order status information are available at www.abb.us/transformers. Select *United States of America* as a preference, click OK and then select *Jefferson City Distribution Transformer site*.

Date January 5, 2015

Due Date January 27, 2015

City Of Beloit
119 N Hersey
P.O. Box 567
Beloit KS 67420

PH: 785-738-3551 FX: 785-738-2517

Quantity: 4 KVA: 75

| | | | | | |
|---|--|--|--|--|---|
| Transformer Type: | | Taps: | | Design Evaluation: | |
| <input type="checkbox"/> 1 Phase | <input type="checkbox"/> Pole Mount | <input type="checkbox"/> None | Evaluated Losses: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No No-Load(\$) Load(\$) \$ Multiplier if Applicable % Window if Applicable <input checked="" type="checkbox"/> DOE 2010, 10 CRF Part 431 | Impedance: | |
| <input checked="" type="checkbox"/> 3 Phase | <input checked="" type="checkbox"/> Pad Mount | <input checked="" type="checkbox"/> Split:4-2.5% +/- | | <input checked="" type="checkbox"/> Per ANSI Other: _____ | |
| Core Winding Type: | | <input type="checkbox"/> 4 Below 2.5% | | Secondary Bushings: Brass | |
| <input type="checkbox"/> J Taps, 14400V | <input type="checkbox"/> Other: _____ | | | <input type="checkbox"/> Studs | <input checked="" type="checkbox"/> J Spades 4 Inch |
| Primary | Secondary | Primary Bushings: | | <input type="checkbox"/> 1/4 inch | <input type="checkbox"/> Eyebolts |
| <input checked="" type="checkbox"/> Copper | <input checked="" type="checkbox"/> Copper | (If Dead Front) | | <input type="checkbox"/> 5/8 inch | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Aluminum | <input type="checkbox"/> 200A Wells Only | (If Live Front) | | # of Spade Bushing Ho <u>8</u> |
| Primary Voltage: | | <input checked="" type="checkbox"/> 200A Wells & Inserts | Primary Switches: | | Secondary Bushing Supports: |
| <input type="checkbox"/> 2400 Delta | <input type="checkbox"/> 4160Grdy/2400 | <input type="checkbox"/> 200A 35KV 1pc Bushing | <input type="checkbox"/> None | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| <input type="checkbox"/> 4160 Delta | <input type="checkbox"/> 7200/12470Y | <input type="checkbox"/> 600A Bushing | <input checked="" type="checkbox"/> 4 Position T-Blade | Fusing: | |
| <input type="checkbox"/> 4800 Delta | <input checked="" type="checkbox"/> 12470Grdy/7200 | <input type="checkbox"/> Feed Through Insert | <input type="checkbox"/> 4 Position V-Blade | <input checked="" type="checkbox"/> Bay-O-Net | <input type="checkbox"/> CLF: Under Oil |
| <input type="checkbox"/> 7200 Delta | <input type="checkbox"/> 7620/13200Y | Primary Switches: | | <input type="checkbox"/> Canister Full-Range | <input type="checkbox"/> None |
| <input type="checkbox"/> 12470 Delta | <input type="checkbox"/> 13200Grdy/7620 | <input type="checkbox"/> Eyebolts | <input type="checkbox"/> On/Off | Optional Accessories: | |
| <input type="checkbox"/> 13200 Delta | <input type="checkbox"/> 14400/24940Y | <input type="checkbox"/> Spade | <input type="checkbox"/> Qty: _____ | <input checked="" type="checkbox"/> Temp Gauge | <input type="checkbox"/> Pres/Vac. Gauge |
| <input type="checkbox"/> 13800 Delta | <input type="checkbox"/> 24940Grde/14400 | Pad Mount Cabinet | | <input checked="" type="checkbox"/> Drain Valve w/sample plug | <input type="checkbox"/> Under-Oil Arrestors |
| <input type="checkbox"/> 14400 Delta | <input type="checkbox"/> 19920/34500Y | # of Doors | Stainless Steel | <input type="checkbox"/> Elbow Arrestors | <input type="checkbox"/> Live Front Arrestors |
| <input type="checkbox"/> 34.5 Delta (150 BIL) | <input type="checkbox"/> 34500Grdy/19920 | <input type="checkbox"/> 1 for Single Phase | <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Automatic Pres. Relief Valve | Color: |
| <input type="checkbox"/> 2400/4160Y | <input type="checkbox"/> Other: _____ | <input checked="" type="checkbox"/> 2 for Three Phase | <input type="checkbox"/> Yes (see Below) | <input type="checkbox"/> Standard Munsell Green | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Other: | | Primary Connection: | <input type="checkbox"/> 409 Grade | Pallet Required: | |
| Secondary Voltage: | | Pole Mount | <input type="checkbox"/> 304 Grade | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| <input checked="" type="checkbox"/> 120/208 Wye | <input type="checkbox"/> 277/480 Wye | <input type="checkbox"/> # of Bushings: _____ | <input type="checkbox"/> Sill Only of Cabinet | | |
| <input type="checkbox"/> 120/240 | <input type="checkbox"/> 240 Delta | <input checked="" type="checkbox"/> Dead Front-Loop Feed | <input type="checkbox"/> Sill & Sides of Cabinet | | |
| <input type="checkbox"/> 240/480 | <input type="checkbox"/> 480 Delta | <input type="checkbox"/> Conventional | <input type="checkbox"/> Entire Cabinet | | |
| <input type="checkbox"/> Other: _____ | | <input type="checkbox"/> Breaker only | <input type="checkbox"/> Tank Base | | |
| | | <input type="checkbox"/> Arrestor Cutout (no fuse) | <input checked="" type="checkbox"/> Tank Base & Bottom | | |
| | | <input type="checkbox"/> SP (fuse, arrestor) | | | |
| | | <input type="checkbox"/> CSP (breaker, fuse, arrestor) | | | |
| | | Fluid Type: 2 PPM or Less with Analysis Report | | | |
| | | <input type="checkbox"/> FR3 | | | |
| | | <input checked="" type="checkbox"/> Mineral Oil | | | |

If CSP specify with or without signal light and with or without EOL (Emergency Overload)

The City of Beloit would prefer not to have Howard Transformers.

Date January 5, 2015

Due Date January 27, 2015

City Of Beloit
119 N Hersey
P.O. Box 567
Beloit KS 67420

PH: 785-738-3551 FX: 785-738-2517

Quantity: 2 KVA: 150

| | | | | | | |
|--|--|--|--|---|--|--|
| Transformer Type: | | Taps: | | Design Evaluation: | | |
| <input type="checkbox"/> 1 Phase | <input type="checkbox"/> Pole Mount | <input type="checkbox"/> None | <input checked="" type="checkbox"/> Split: 4-2.5% +/- | Evaluated Losses: | | |
| <input checked="" type="checkbox"/> 3 Phase | <input checked="" type="checkbox"/> Pad Mount | <input type="checkbox"/> 4 Below 2.5% | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | No-Load(\$) | |
| Core Winding Type: | | <input type="checkbox"/> J Taps, 14400V | | Load(\$) | | |
| Primary | Secondary | <input type="checkbox"/> Other: | | \$ Multiplier if Applicable | | |
| <input checked="" type="checkbox"/> Copper | <input checked="" type="checkbox"/> Copper | Primary Bushings: | | % Window if Applicable | | |
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Aluminum | (If Dead Front) | | <input checked="" type="checkbox"/> DOE 2010, 10 CRF Part 431 | | |
| Primary Voltage: | | <input type="checkbox"/> 200A Wells Only | <input checked="" type="checkbox"/> 200A Wells & Inserts | Impedance: | | |
| <input type="checkbox"/> 2400 Delta | <input type="checkbox"/> 4160Grdy/2400 | <input type="checkbox"/> 200A 35KV 1pc Bushing | <input type="checkbox"/> 600A Bushing | <input checked="" type="checkbox"/> Per ANSI Other: | | |
| <input type="checkbox"/> 4160 Delta | <input type="checkbox"/> 7200/12470Y | <input type="checkbox"/> Feed Through Insert | (If Live Front) | | Secondary Bushings: Brass | |
| <input type="checkbox"/> 4800 Delta | <input checked="" type="checkbox"/> 12470Grdy/7200 | <input type="checkbox"/> Eyebolts | <input type="checkbox"/> Spade | <input type="checkbox"/> Studs | <input checked="" type="checkbox"/> J Spades 4 Inch | |
| <input type="checkbox"/> 7200 Delta | <input type="checkbox"/> 7620/13200Y | Primary Switches: | | <input type="checkbox"/> 1/4 inch | <input type="checkbox"/> Eyebolts | |
| <input type="checkbox"/> 12470 Delta | <input type="checkbox"/> 13200Grdy/7620 | <input type="checkbox"/> None | <input checked="" type="checkbox"/> 4 Position T-Blade | <input type="checkbox"/> 5/8 inch | <input type="checkbox"/> Other: | |
| <input type="checkbox"/> 13200 Delta | <input type="checkbox"/> 14400/24940Y | <input checked="" type="checkbox"/> 4 Position V-Blade | | # of Spade Bushing Ho <u>8</u> | | |
| <input type="checkbox"/> 13800 Delta | <input type="checkbox"/> 24940Grde/14400 | <input type="checkbox"/> On/Off | | Secondary Bushing Supports: | | |
| <input type="checkbox"/> 14400 Delta | <input type="checkbox"/> 19920/34500Y | <input type="checkbox"/> Qty: | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Fusing: | |
| <input type="checkbox"/> 34.5 Delta (150 BIL) | <input type="checkbox"/> 34500Grdy/19920 | Pad Mount Cabinet | | <input checked="" type="checkbox"/> Bay-O-Net | | |
| <input type="checkbox"/> 2400/4160Y | <input type="checkbox"/> Other: | # of Doors | <input type="checkbox"/> 1 for Single Phase | <input type="checkbox"/> CLF: Under Oil | | |
| <input type="checkbox"/> Other: | | <input checked="" type="checkbox"/> 2 for Three Phase | <input checked="" type="checkbox"/> 2 for Three Phase | <input type="checkbox"/> Canister Full-Range | | |
| Secondary Voltage: | | Stainless Steel | | <input type="checkbox"/> None | | |
| <input checked="" type="checkbox"/> 120/208 Wye | <input type="checkbox"/> 277/480 Wye | <input type="checkbox"/> No | <input type="checkbox"/> Yes (see Below) | Optional Accessories: | | |
| <input type="checkbox"/> 120/240 | <input type="checkbox"/> 240 Delta | <input type="checkbox"/> 409 Grade | <input type="checkbox"/> 304 Grade | <input checked="" type="checkbox"/> Temp Gauge | <input checked="" type="checkbox"/> Liquid Level Gauge | |
| <input type="checkbox"/> 240/480 | <input type="checkbox"/> 480 Delta | <input type="checkbox"/> Sill Only of Cabinet | <input type="checkbox"/> Sill & Sides of Cabinet | <input type="checkbox"/> Pres/Vac. Gauge | <input type="checkbox"/> Drain Valve w/sample plug | |
| <input type="checkbox"/> Other: | | <input type="checkbox"/> Entire Cabinet | <input type="checkbox"/> Tank Base | <input type="checkbox"/> Under-Oil Arrestors | <input type="checkbox"/> Eibow Arrestors | |
| Fluid Type: 2 PPM or Less with Analysis Report | | <input type="checkbox"/> Tank Base & Bottom | | <input type="checkbox"/> Live Front Arrestors | <input checked="" type="checkbox"/> Automatic Pres. Relief Valve | |
| <input type="checkbox"/> FR3 | <input checked="" type="checkbox"/> Mineral Oil | Primary Connection: | | Color: | | |
| Pole Mount | | Pad Mount | | <input checked="" type="checkbox"/> Standard Munsell Green | | |
| <input type="checkbox"/> # of Bushings: | <input checked="" type="checkbox"/> Dead Front-Loop Feed | <input type="checkbox"/> Conventional | <input type="checkbox"/> Dead Front-Radial Feed | <input type="checkbox"/> Other: | | |
| <input type="checkbox"/> Breaker only | <input type="checkbox"/> Live Front-Radial Feed | <input type="checkbox"/> Breaker only | <input type="checkbox"/> Live Front-Radial Feed | Pallet Required: | | |
| <input type="checkbox"/> Arrestor Cutout (no fuse) | | <input type="checkbox"/> SP (fuse, arrestor) | <input type="checkbox"/> CSP (breaker, fuse, arrestor) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| If CSP specify with or without signal light and with or without EOL (Emergency Overload) | | | | | | |

The City of Beloit would prefer not to have Howard Transformers.

Date January 5, 2015

Due Date January 27, 2015

City Of Beloit
119 N Hersey
P.O. Box 567
Beloit KS 67420

PH: 785-738-3551 FX: 785-738-2517

Quantity: 4 KVA: 15

Transformer Type:

- 1 Phase Pole Mount
- 3 Phase Pad Mount

Core Winding Type:

- | | |
|--|--|
| Primary | Secondary |
| <input checked="" type="checkbox"/> Copper | <input checked="" type="checkbox"/> Copper |
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Aluminum |

Primary Voltage:

- | | |
|---|---|
| <input type="checkbox"/> 2400 Delta | <input type="checkbox"/> 4160Grdy/2400 |
| <input type="checkbox"/> 4160 Delta | <input checked="" type="checkbox"/> 7200/12470Y |
| <input type="checkbox"/> 4800 Delta | <input type="checkbox"/> 12470Grdy/7200 |
| <input type="checkbox"/> 7200 Delta | <input type="checkbox"/> 7620/13200Y |
| <input type="checkbox"/> 12470 Delta | <input type="checkbox"/> 13200Grdy/7620 |
| <input type="checkbox"/> 13200 Delta | <input type="checkbox"/> 14400/24940Y |
| <input type="checkbox"/> 13800 Delta | <input type="checkbox"/> 24940Grdy/14400 |
| <input type="checkbox"/> 14400 Delta | <input type="checkbox"/> 19920/34500Y |
| <input type="checkbox"/> 34.5 Delta (150 BIL) | <input type="checkbox"/> 34500Grdy/19920 |
| <input type="checkbox"/> 2400/4160Y | |
| <input type="checkbox"/> Other: | |

Secondary Voltage:

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> 120/208 Wye | <input type="checkbox"/> 277/480 Wye |
| <input checked="" type="checkbox"/> 120/240 | <input type="checkbox"/> 240 Delta |
| <input type="checkbox"/> 240/480 | <input type="checkbox"/> 480 Delta |
| <input type="checkbox"/> Other: | |

Fluid Type: 2 PPM or Less with Analysis Report

- FR3 Mineral Oil

Primary Connection:

- | | |
|--|--|
| Pole Mount | Pad Mount |
| <input type="checkbox"/> # of Bushings: _____ | <input checked="" type="checkbox"/> Dead Front-Loop Feed |
| <input type="checkbox"/> Conventional | <input type="checkbox"/> Dead Front-Radial Feed |
| <input type="checkbox"/> Breaker only | <input type="checkbox"/> Live Front-Radial Feed |
| <input type="checkbox"/> Arrestor Cutout (no fuse) | |
| <input type="checkbox"/> SP (fuse, arrestor) | |
| <input type="checkbox"/> CSP (breaker, fuse, arrestor) | |

If CSP specify with or without signal light and with or without EOL (Emergency Overload)

Taps:

- None
- Split:4-2.5% +/-
- 4 Below 2.5%
- J Taps, 14400V
- Other: _____

Primary Bushings:

- (If Dead Front)**
- 200A Wells Only
 - 200A Wells & Inserts
 - 200A, 35KV 1pc Bushing
 - 600A Bushing
 - Feed Through Insert

(If Live Front)

- Eyebolts
- Spade

Primary Switches:

- None
- 4 Position T-Blade
- 4 Position V-Blade
- On/Off
- Qty: _____

Pad Mount Cabinet

- # of Doors**
- 1 for Single Phase
 - 2 for Three Phase

Stainless Steel

- No
- Yes (see Below)
- 409 Grade
- 304 Grade
- Sill Only of Cabinet
- Sill & Sides of Cabinet
- Entire Cabinet
- Tank Base
- Tank Base & Bottom

Design Evaluation:

Evaluated Losses:

- Yes No
- No-Load(\$)
- Load(\$)
- \$ Multiplier if Applicable
- % Window if Applicable
- DOE 2010, 10 CRF Part 431

Impedance:

- Per ANSI Other: _____

Secondary Bushings: Brass

- Studs J Spades 4 Inch
- 1/4 inch Eyebolts
- 5/8 inch Other:

of Spade Bushing Holes: 4

Secondary Bushing Supports:

- Yes No

Fusing:

- Bay-O-Net
- CLF: Under Oil
- Canister Full-Range
- None

Optional Accessories:

- Temp Gauge
- Liquid Level Gauge
- Pres/Vac. Gauge
- Drain Valve w/sample plug
- Under-Oil Arrestors
- Elbow Arrestors
- Live Front Arrestors
- Automatic Pres. Relief Valve

Color:

- Standard Munsell Green
- Other: _____

Paint Required:

- Yes No

The City of Beloit would prefer not to have Howard Transformers.

REQUEST FOR COUNCIL ACTION

| | | | |
|--------------------------------|------------------------|--|--|
| DATE: | TITLE: | | |
| February 3, 2015 | Trenching Bid | | |
| ORIGINATING DEPARTMENT: | TYPE OF ACTION: | <input type="checkbox"/> ORDINANCE | <input type="checkbox"/> RESOLUTION |
| Electric Department | | <input checked="" type="checkbox"/> FORMAL ACTION | <input type="checkbox"/> OTHER |

RECOMMENDATION:

I recommend that the city council approve the Trenching Bid from Zig's Backhoe Service, LLC in the amount of \$5,340.00.

FISCAL NOTE:

Funding is available under Electric Systems Division 53-43-8300 (FY2015 Budget is \$150,000 with a current balance of \$139,444.56 as of 1-30-15).

| | |
|----------------------------|------------|
| Zig's Backhoe Service, LLC | \$5,340.00 |
| DIG-IT | \$6,925.80 |

DISCUSSION:

The trenching will be done at Silver Fox Additions along with installing and connecting conduit, backfill, installing ground rods, setting transformer pad and nordics.

Respectfully submitted,

Glenn Rodden
CityAdministrator

ZIG'S Backhoe Service, LLC
1445 320 Rd. Beloit, Kansas 67420
Office (785) 738-3103
Fax (785) 738-3103
Mobile (785) 738-7512

BID

January 28 2015

The following operation is proposed for the excavation, installing and connecting conduit, back filling with dirt or flowable, installing ground rods, setting of transformer pad and Nordic 350's for the City of Beloit, Kansas in the Silver Fox addition.

This Bid, all quotes and operations to be preformed are taken from the figures provided by Owners.

Contractor is not responsible for any and all utilities that may be damaged or need to be relocated.

This proposal is based on calculations made off the blueprints and a visual inspection of the future construction site. If rock and/or other adverse conditions are encountered that are not sited on the blueprints will result in extra costs to be paid by the general contractor. Any extra costs and/or alterations of the work to be performed will be executed through written work orders, and will become an additional charge over and above this bid.

- 1. Excavation, Installation and Backfill of 1670 feet of Conduit.**
- 2. Excavation and Setting of Three Nordic Boxes and Ground Rods.**
- 3. Backfill With Flowable as Specified by the City**

TOTAL BID \$5340.00

NOTE: 1. All conduit, fittings, marking ribbon, transformer pads, Nordic 350's, ground rods, surveying and flowable will be provided by the City of Beloit.
2. Contractor will not be responsible for settlement of backfill.

Payments will be made to Zig's Backhoe Service, LLC upon completion of the work described above.

SIGNATURE PAGE

NOTE: Any and All Inspections, Removal and Disposal of any Haserdous, Toxic, and Asbestos Materials will be the Sole Responsibility of the Owner.

This is an official bid for The City of Beloit, Ks. as stated and is respectfully submitted by:

Signature

Date:

Patrick J. Ziegler
Zig's Backhoe Service

ACCEPTANCE OF PROPOSAL

The prices, specifications, and conditions are satisfactory. We hereby accept the proposal. Zig's Backhoe Service is authorized to do the work as specified.

Signature

Date:

Printed Name

Title and Company

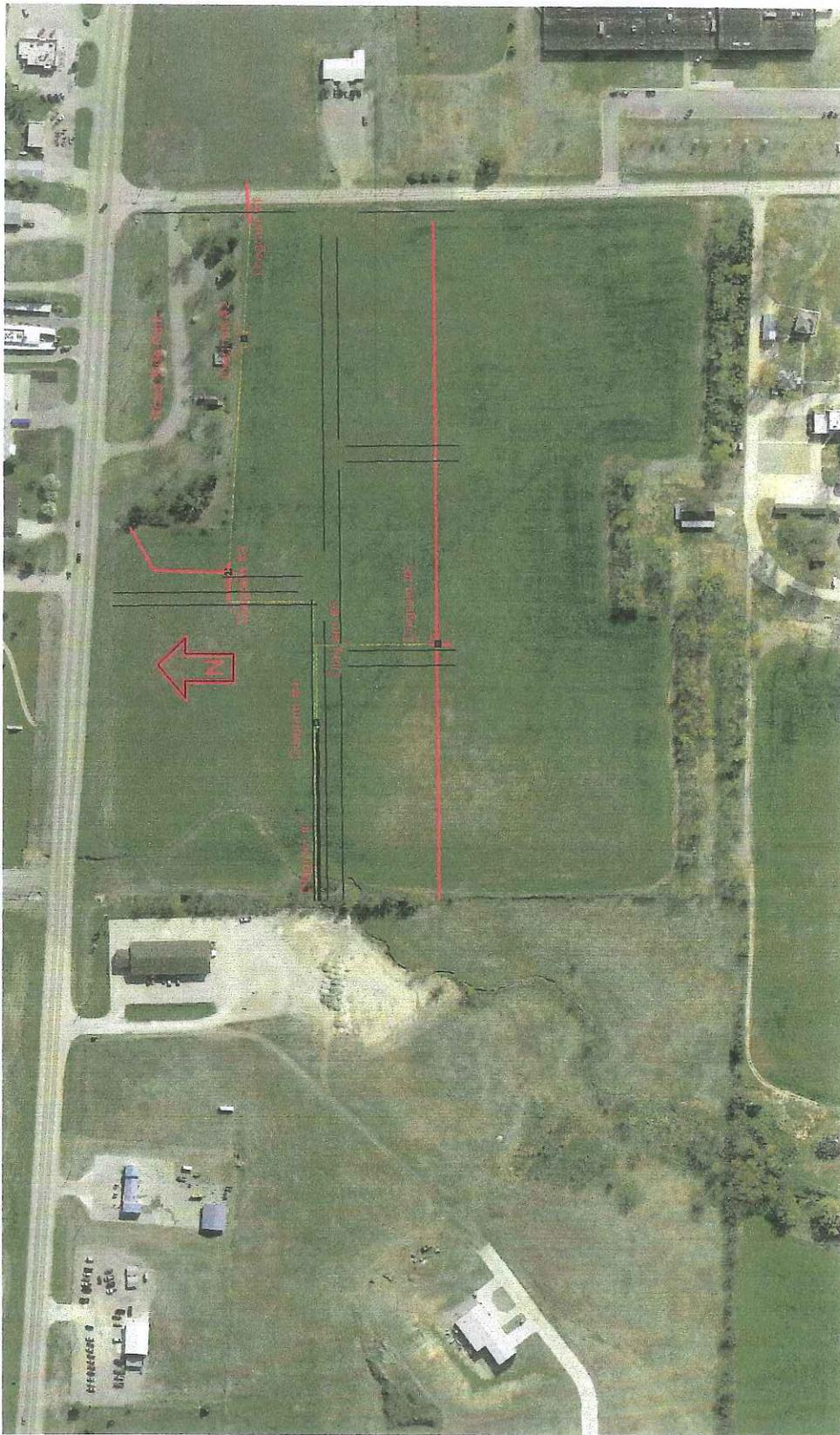
DIG-IT

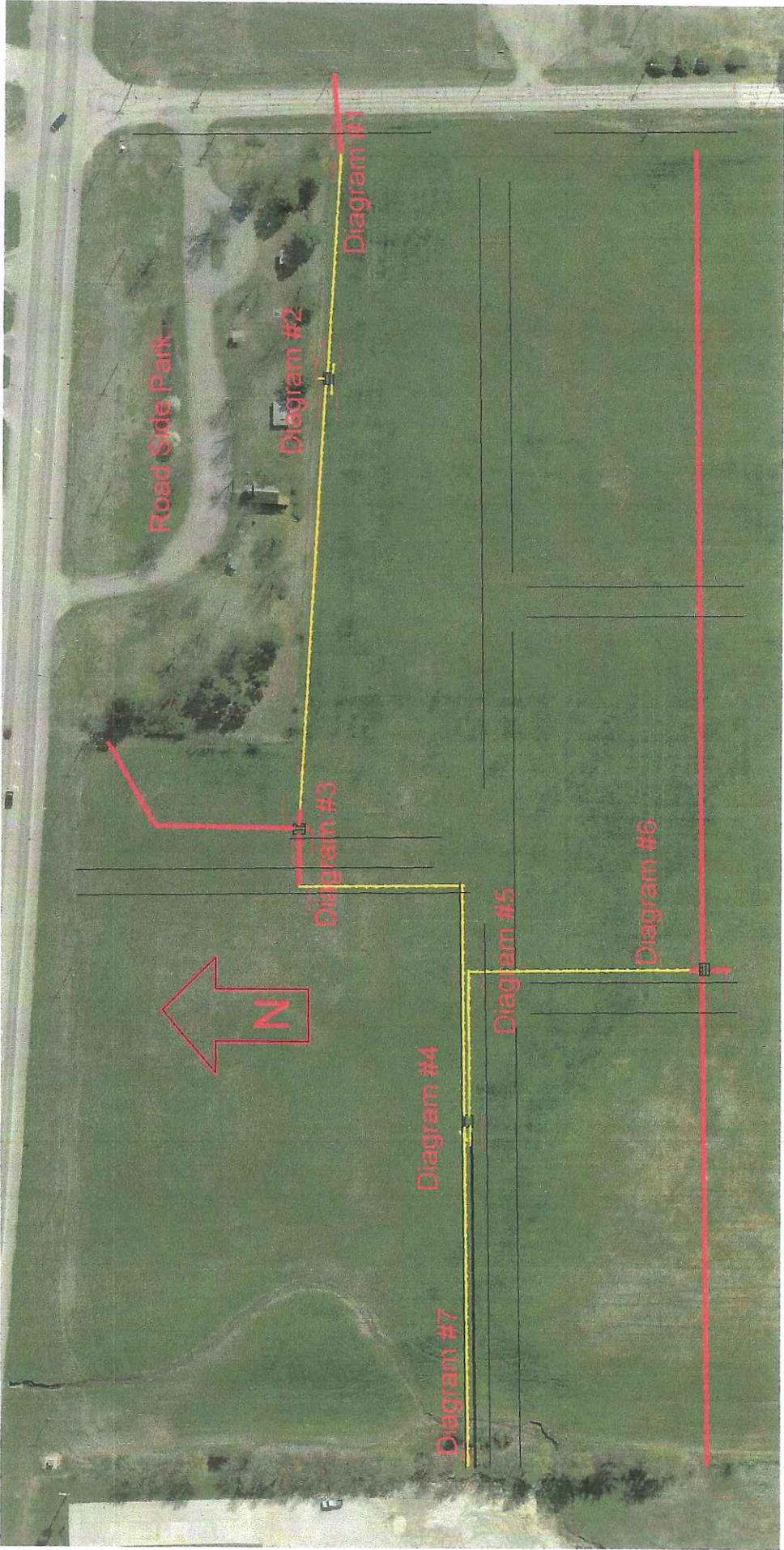
111 E. South
P.O. Box 162
Beloit KS 67420

| | |
|-----------|---|
| Date | |
| 1/29/2015 | 2 |

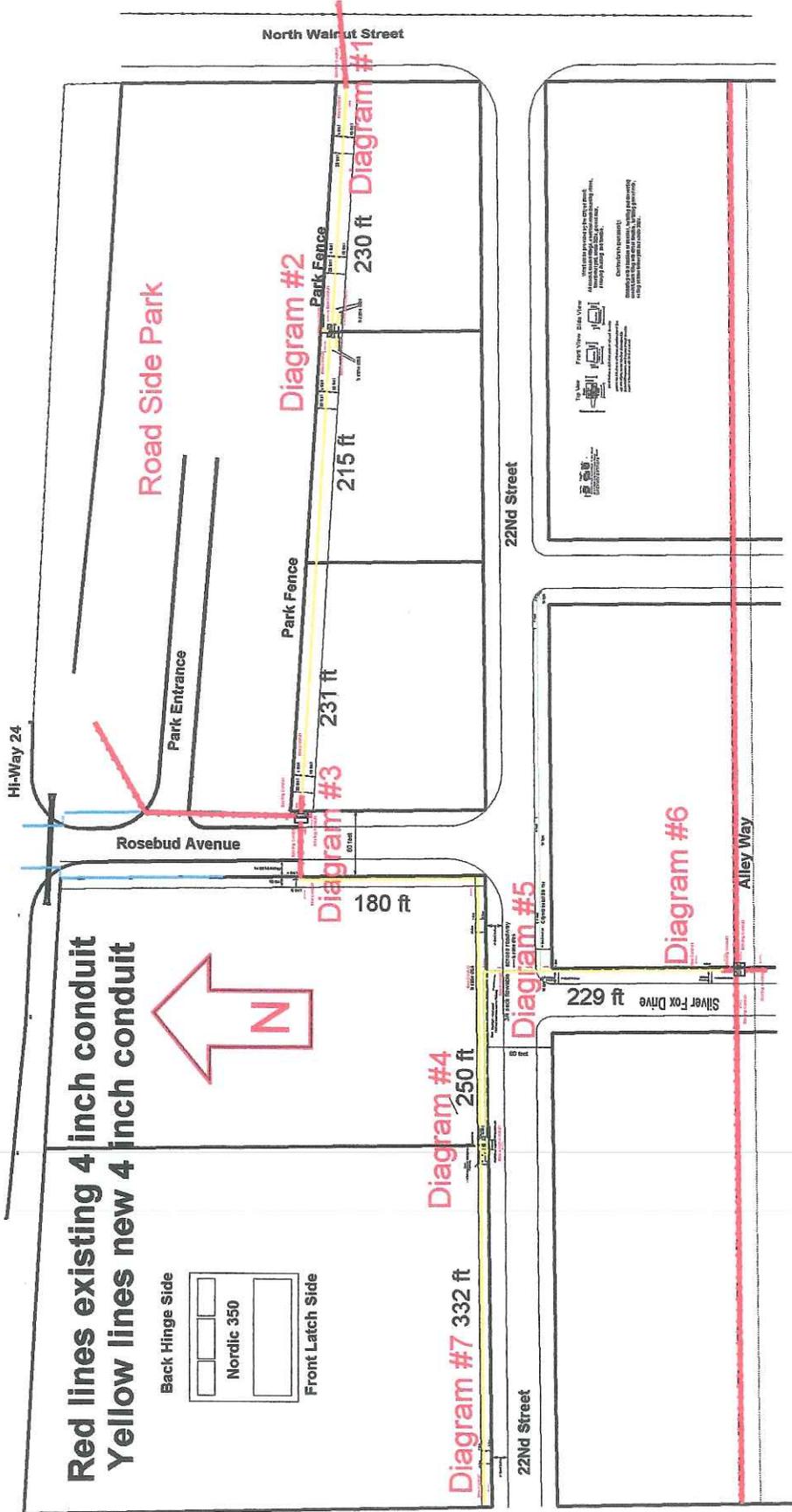
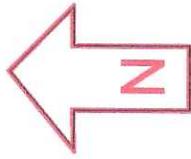
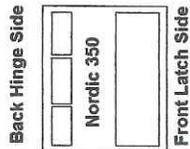
| |
|---|
| Name / Address |
| City of Beloit 01 119 N. Hersey Beloit KS 67420 |

| | | | Project |
|--|-----|----------|------------|
| | | | Silver Fox |
| Description | Qty | Rate | Total |
| Bid for Excavation @ North Walnut, 22nd St, Silver fox drive, for conduit, installing and connecting conduit, backfill, with dirt or flowable, installing ground rods, setting of transformer pad and Nordic 350's | 1 | 6,925.80 | 6,925.80 |
| <p>Thank you for the opportunity to bid on this project.</p> <p>Chris Weg</p> | | | |
| Total | | | \$6,925.80 |





Red lines existing 4 inch conduit
Yellow lines new 4 inch conduit



Hi-Way 24

Rosebud Avenue

North Walnut Street

22Nd Street

22Nd Street

22Nd Street

Silver Fox Drive # 622

Alley Way

Road Side Park

Park Entrance

Park Fence

Park Fence

Diagram #2

Diagram #3

Diagram #1

180 ft

215 ft

231 ft

230 ft

Diagram #4

250 ft

Diagram #7 332 ft

To Use: Front View - Side View
As shown on drawings, all conduit shall be installed in accordance with the applicable code requirements.
Conduit shall be installed in accordance with the applicable code requirements.
Conduit shall be installed in accordance with the applicable code requirements.
Conduit shall be installed in accordance with the applicable code requirements.

Diagram #6

Walnut Street

Existing Conduit

New Conduit

4 feet

16 feet

4 feet deep

20 feet

Diagram #1

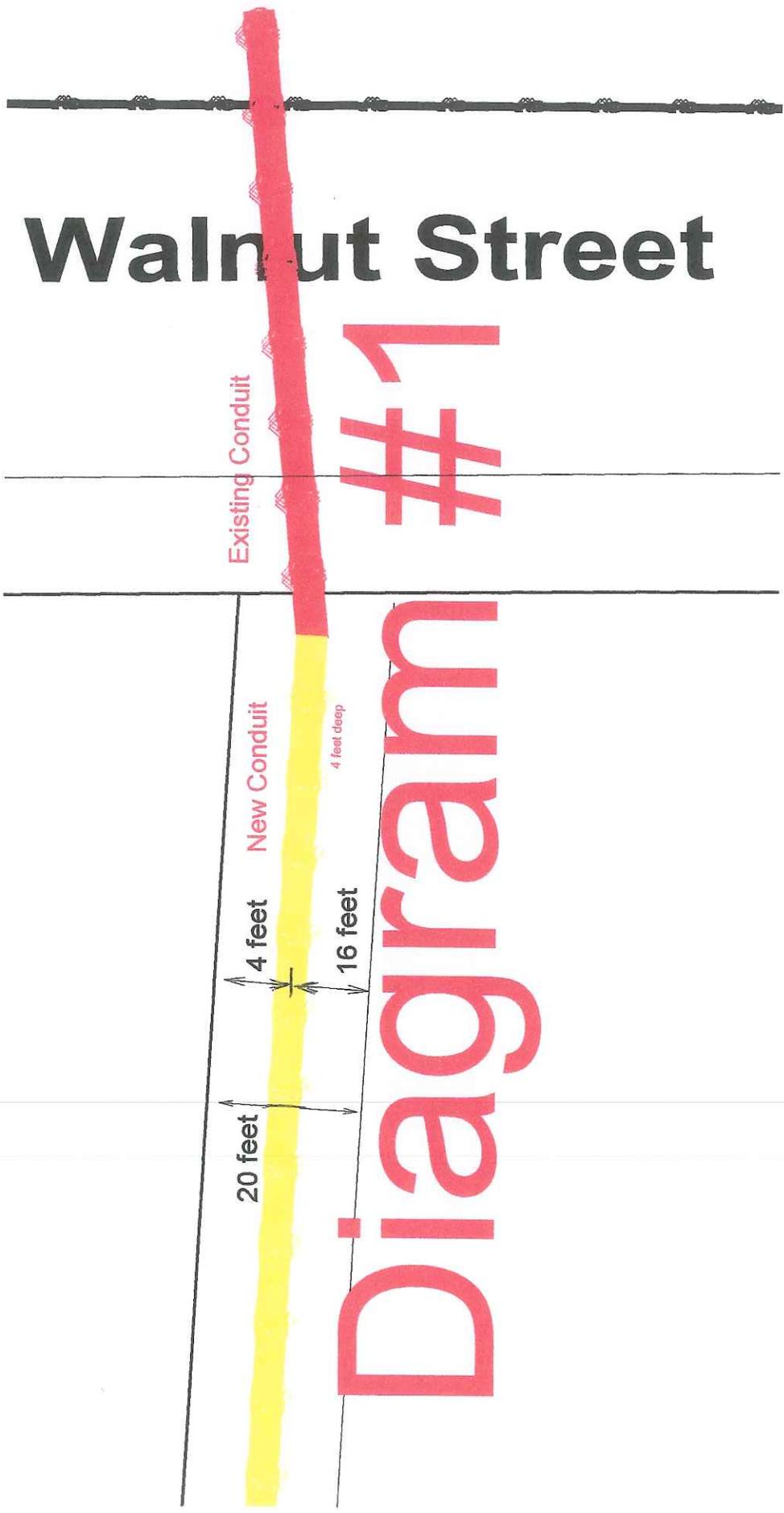
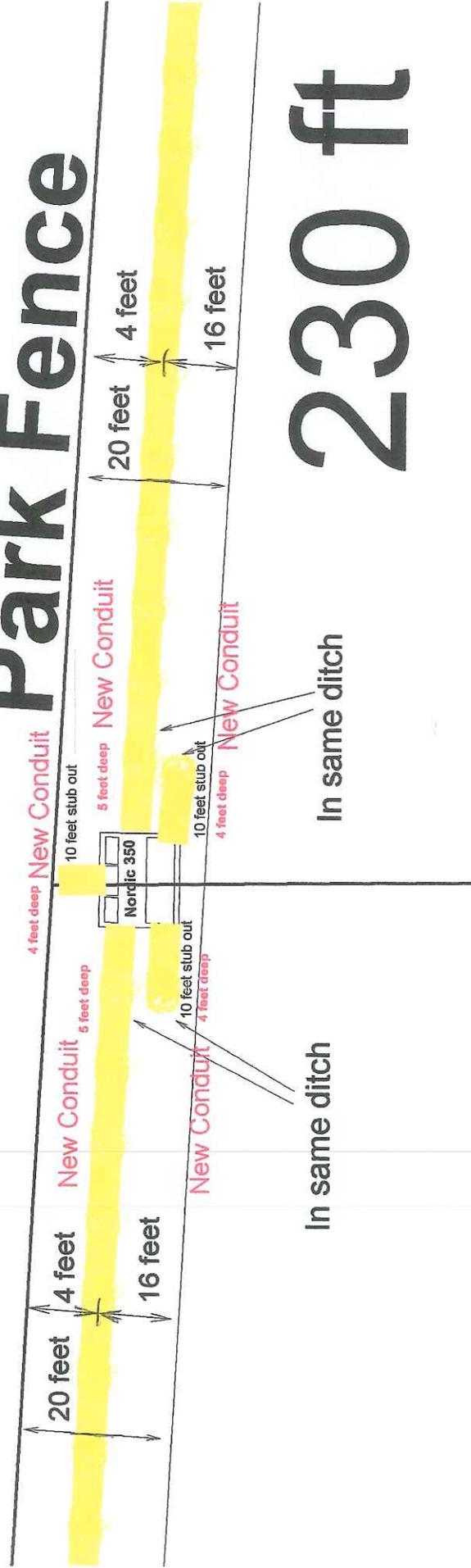
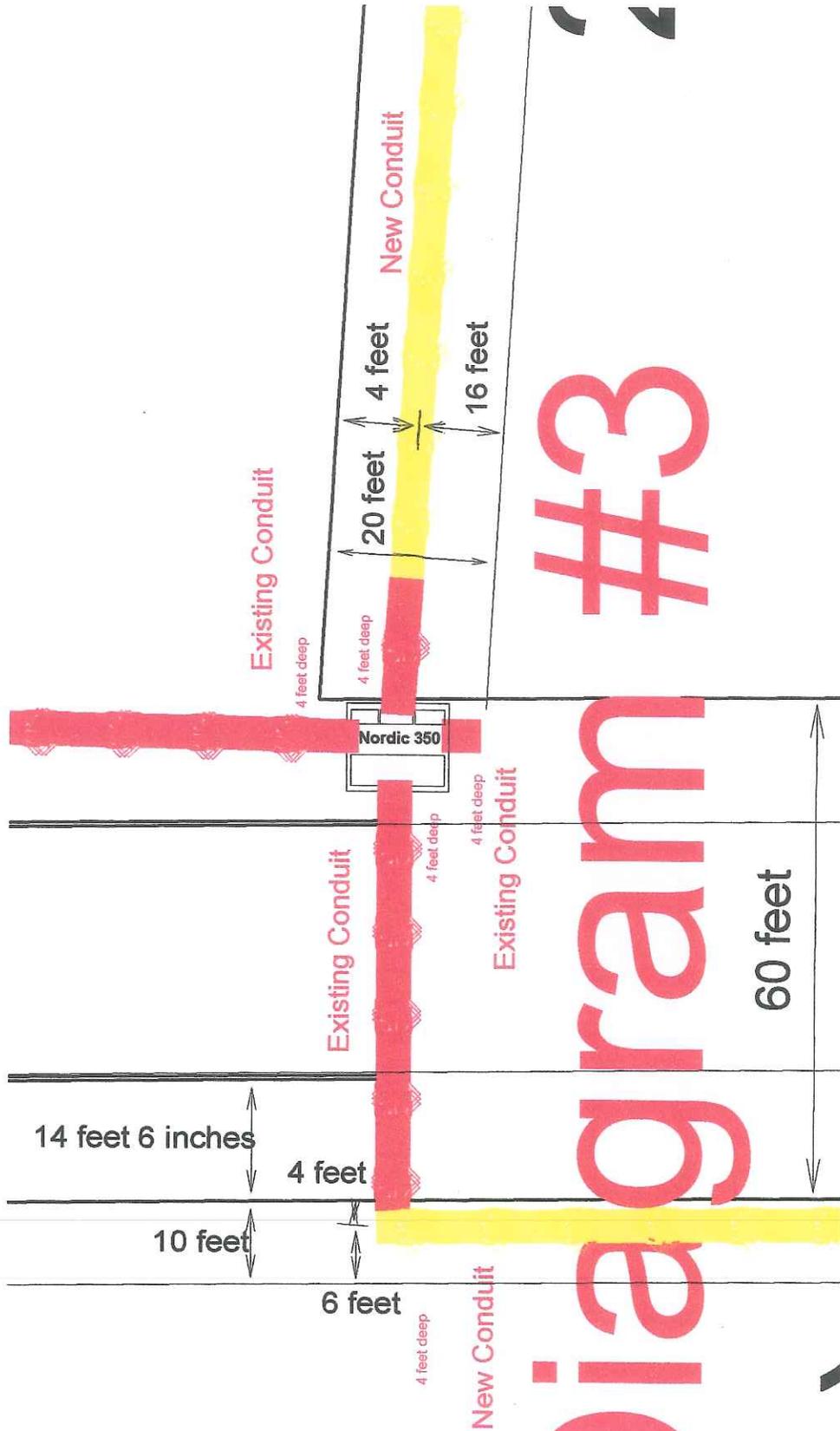


Diagram #2

Park Fence



230 ft

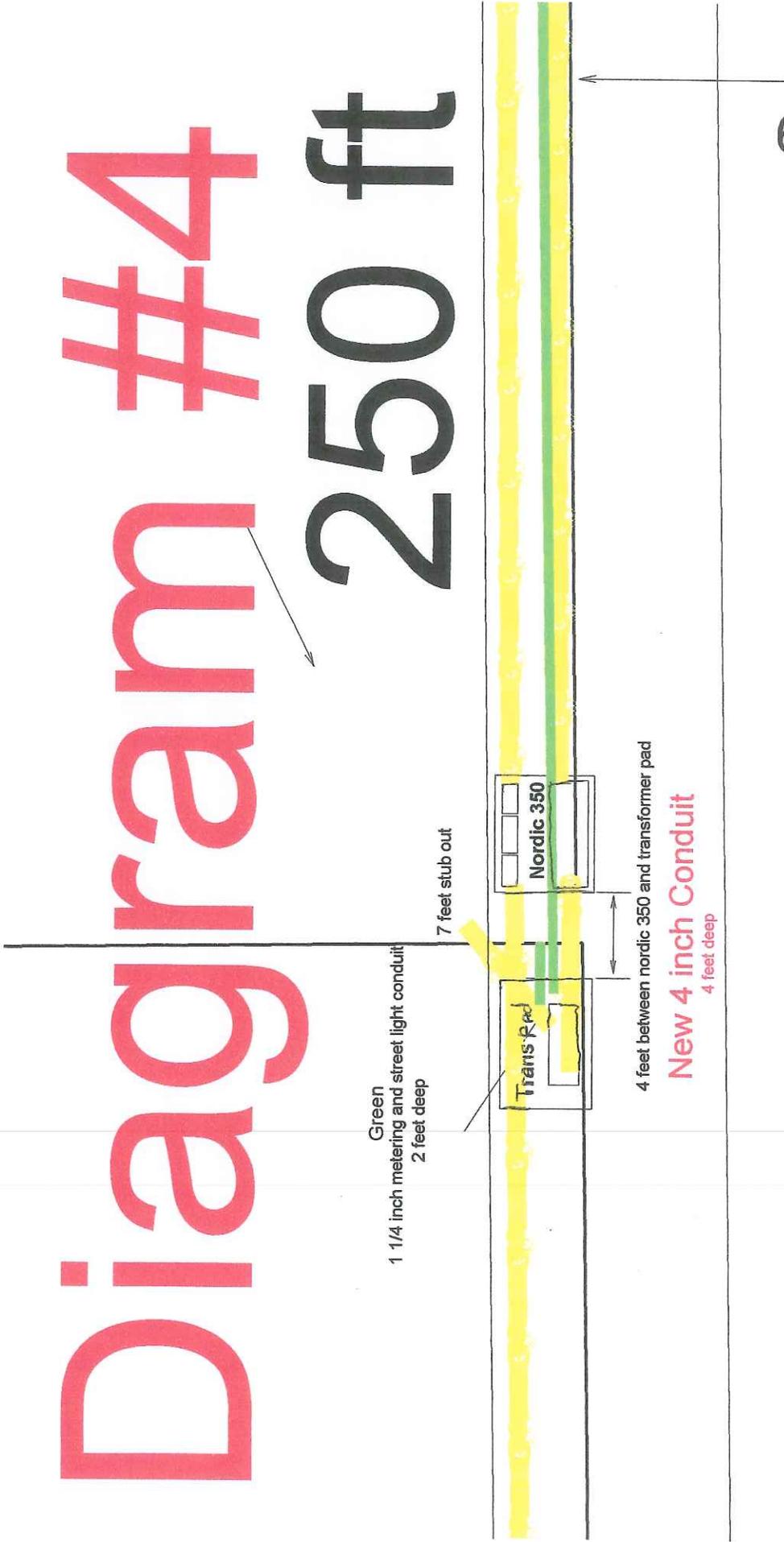


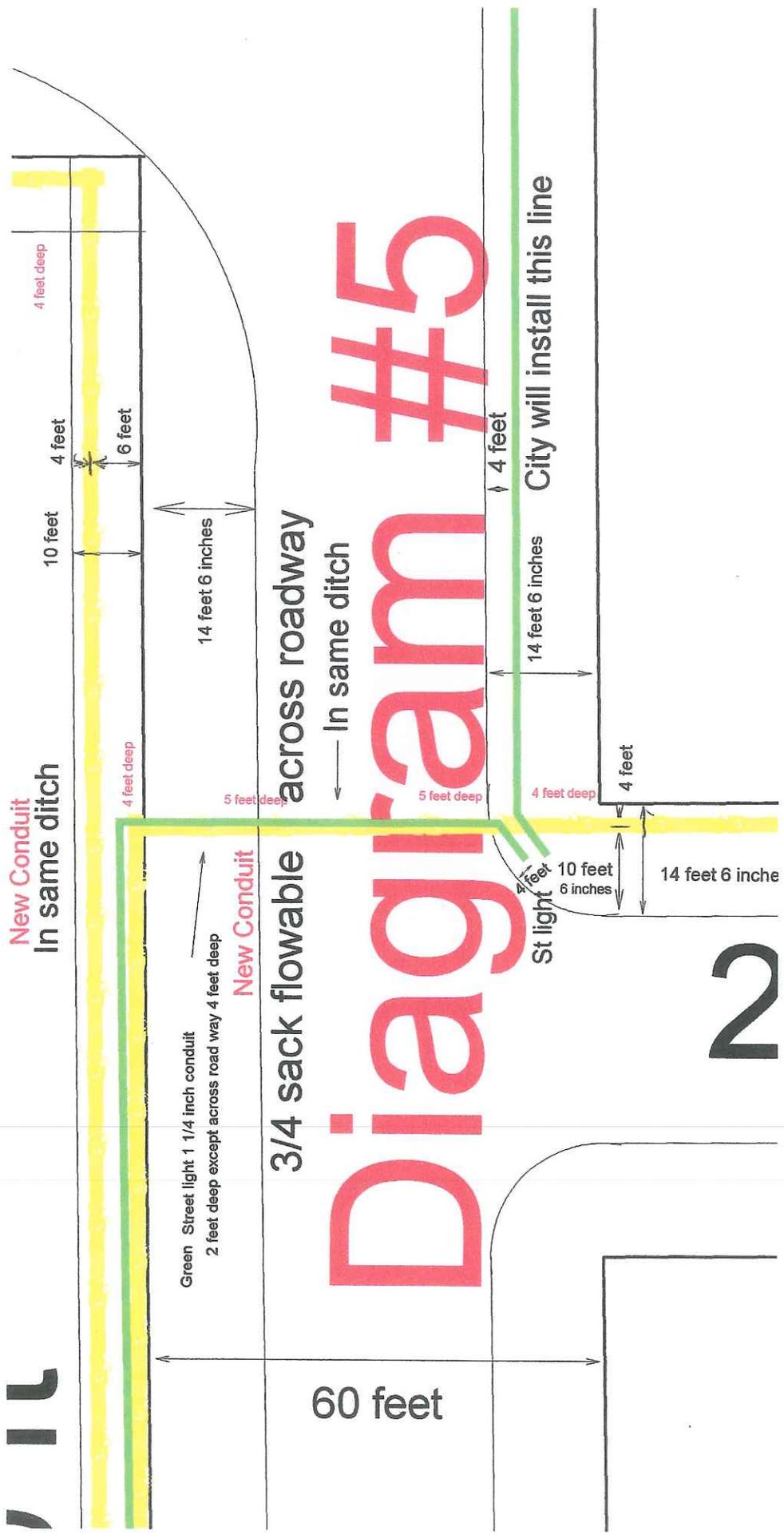
#3

Diagram

Diagram #4

250 ft

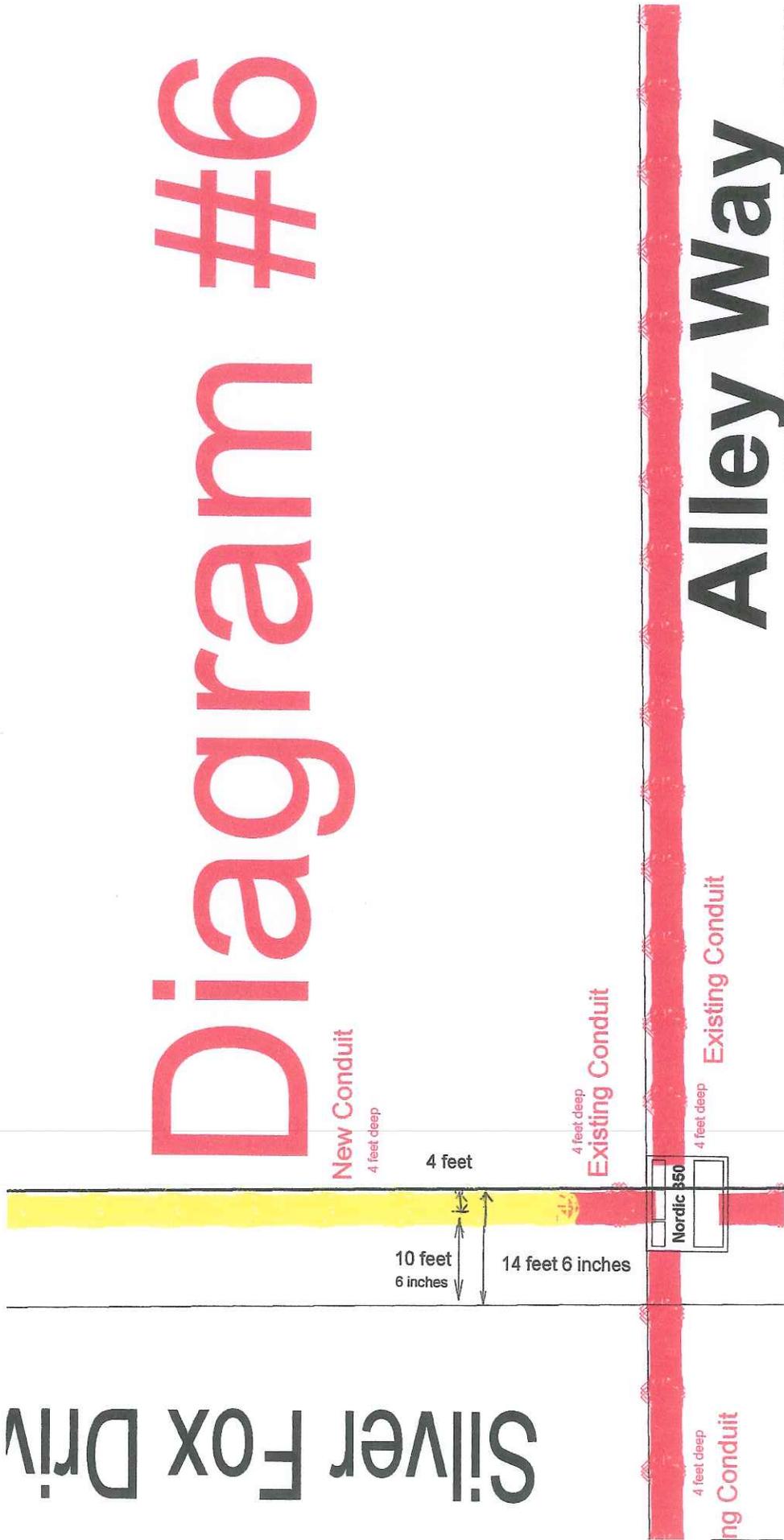




2

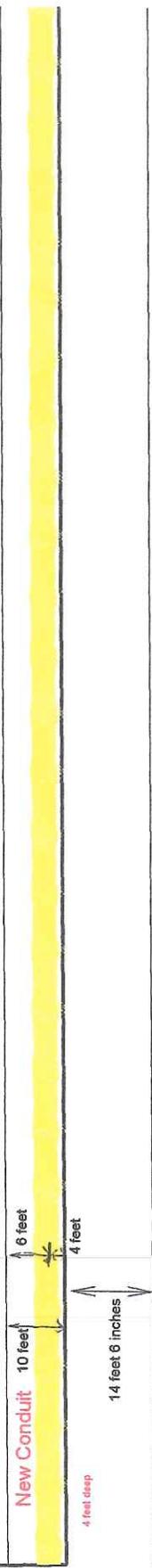
Silver Fox Driv

Diagram #6



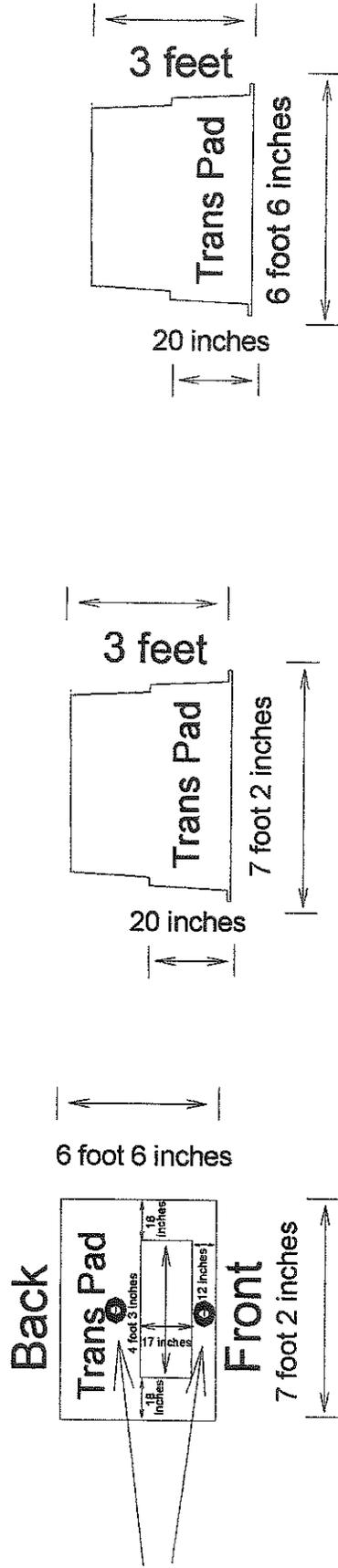
Alley Way

Diagram #7 332 ft



22Nd Street

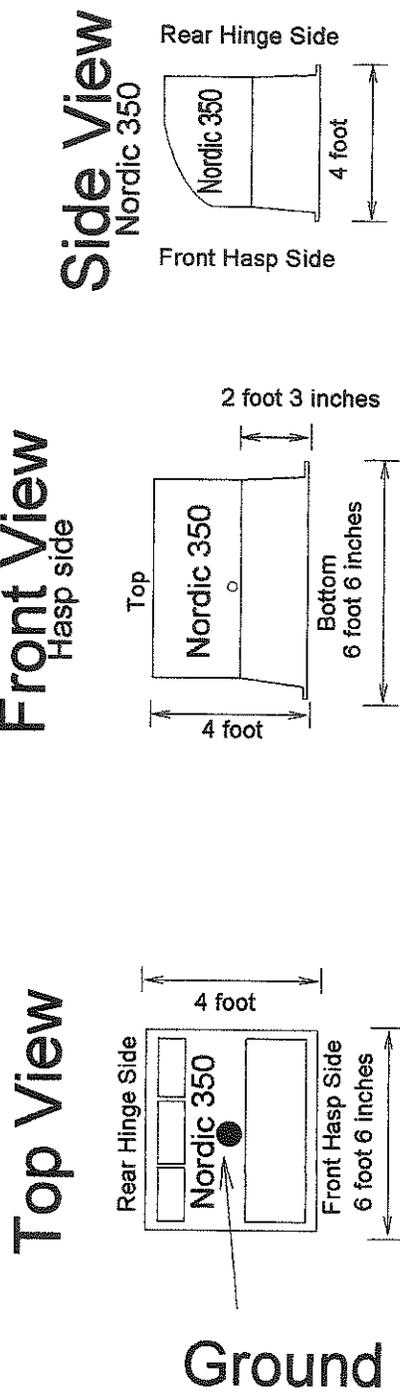
Top View Front View Side View



Ground rod either or

Set 18 inches to 20 inches deep on 1/2 sack flowable

ground rod 6 inches to 12 inches off set from trench line
 with end of ground rod 6 inches above flowable
 the part of the ground rod that goes through flowable
 needs to be sleeved with 3/4 inch conduit



Set 18 inches to 20 inches deep on 1/2 sack flowable
 with end of ground rod 6 inches above flowable
 the part of the ground rod that goes through flowable
 needs to be sleeved with 3/4 inch conduit

What will be provided by the City of Beloit:

All conduit, conduit fittings, electrical conduit marking ribbon, transformer pad, nordic 350's, ground rods, surveying /marking and flowable.

Contractors responsibility:

Excavating with a backhoe or trencher, installing and connecting conduit, back filling with dirt or flowable, installing ground rods, setting of transformer pad and nordic 350's.

Contractors may want to get in contact with Cunningham Telephone & Cable Company, they where thinking about going in the same trench in some areas.

