

REQUEST FOR COUNCIL ACTION

DATE:

October 21, 2014

TITLE:

TRANSFORMER BID

ORIGINATING DEPARTMENT:

Electric Department

TYPE OF ACTION:

ORDINANCE

RESOLUTION

FORMAL ACTION

OTHER

RECOMMENDATION:

I recommend that the city council approve the Transformer Bid from Kriz-Davis Electric Company in the amount of \$9,760.00.

FISCAL NOTE:

Funding is available under Electric Systems Division 53-43-8300.

Kriz-Davis Co.	\$9,760.00
WESCO	\$9,590.00
Stanion Wholesale Electric	\$9,840.00

DISCUSSION:

The materials will be used for Casey's East.

Respectfully submitted,

Glenn Rodden
City Administrator

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: Electric Material Bid L-032720

DATE: October 17, 2014

Glenn and City Council,

I am recommending we approve the Kriz-Davis Electric material bid for \$9,760. This transformer will help us with completing the East Casey's projects. I would like to go with Kriz-Davis so it will be here sooner. This will be coming out of 53-53-8300 fund.

Kriz-Davis \$9,760.00 (10-12 weeks shipping)
Stanion Whole Sale \$9,840.00 (10-12 weeks shipping)
Wesco \$9,590.00 (12-18 weeks shipping)

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: October 16, 2014

for the purchase of the following item(s)/ material(s): **Electric Material Bid**
All items(s)/ material(s) are to be bid FOB, Beloit, Kansas.

All bids submitted in an envelope are to be prominently marked:
Electric Material Bid or L-032720

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. **All bids must have the spec sheet filled out in order to be accepted.**

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 Ronnie at 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

Mandy Lomax
City Clerk

**Material in this bid will be Ship To:
City of Beloit, 502 E. 12th Street
Beloit, Kansas 67420**

PROPOSAL SHEET

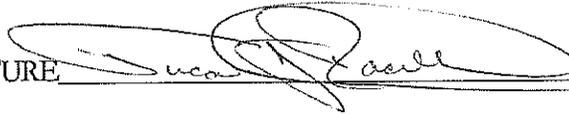
FOR BID L – 032720

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 \$9,760.00 this is FOB, 502 E. 12th Street, Beloit, Kansas 67420-0567.

Estimated delivery time: 10-12 Weeks

I understand that this bid is to be guaranteed for no less than fifteen (15) days from the date of bid opening.

BIDDER (NAME OF FIRM) Kriz-Davis Company

AUTHORIZED SIGNATURE  _____

TELEPHONE(785) 827-4497 _____ DATE 10/10/2014 _____

10/10/14 10:54:44

ERMCO QUOTE

PAGE 1

RE-PRINT

CUSTOMER COPY

QUOTE # 384383-00
QUOTED DATE 10/10/14

BILL TO:
DISTRIBUTOR

SHIP TO:
CITY OF БЕЛОИТ
502 E 12TH STREET

BEЛОИТ

KS67420-1409

BEЛОИТ

KS67420-1409

DESCRIPTION	PRODUCT NUMBER	QTY	UNIT PRICE	EXT PRIC
-------------	----------------	-----	------------	----------

TRANSFORMER LOSS DATA IS BASED ON ANSI C57.12.00:
 LOSS GRT: AVE TEMP BASIS: X VOLT% : 100
 FOB БЕЛОИТ, KS. FREIGHT PREPAID AND ALLOWED.
 LEAD TIME 10-12 WEEKS.

*QUOTED PER CITY OF БЕЛОИТ CHECK SHEET

PRICES ARE FIRM FOR RECEIPT OF AN ORDER WITHIN 30
 DAYS FROM 10/16/14 AND DELIVERY WITHIN THE QUOTED
 LEAD TIME. DELIVERIES BEYOND THE QUOTED
 LEAD TIME WILL BE SUBJECT TO ESCALATION BASED
 ON THE ERMCO MATERIAL PRICE INDEX AT THE
 TIME OF SHIPMENT. THE BASE ERMCO MATERIAL
 PRICE INDEX FOR THIS QUOTATION IS - 14.80%.

ITEM# 1	ERMCO 3 PHASE PAD TRANSFORMER	3PH-PAD	1	\$9,760.00	\$9,760.00
ITEM# 1.00					

YOUR PRODUCT

NL= 287 LL= 2720 IZ=4.800 TL= 3007

OPTIONS: BEGIN

ERMCO	ERMCO STD 3PH TRANSFORMER
0225	225 KVA
G	GRDY
001G	12470GY/7200 95 BIL
X	HO/XO GROUND
003	2 TAPS 2.5% ABOVE & BELOW
112	208Y/120
M4	ANSI MINIMUM K DIM=4.5
L	LOOP FEED
000	ERMCO STD FIXED STUD WELL
G15	STD INSERT SYSTEM SELECT
000	ELBOW ARRESTERS NOT SELECTED
S	STAGGERED LV BUSHING ARRANGEMENT
000	ERMCO STD STUD LV BUSHINGS
400	4 HOLE NEMA SPADES
E58	DUAL SENSING BAYO & LINK (GENERIC)
A00	STD ISOLATION LINK BY CONFIGURATOR
000	MILD STEEL TANK & PEDESTAL
000	MILD STEEL CABINET & SILL
0	STD CABINET PARTITION
0	PADMOUNT GREEN FINISH
0	STANDARD HARDWARE.
11	SILICON BRONZE PENTABOLT
0	GROUND BOSS IN PRIMARY & SECONDARY

10/10/14 10:54:44

ERMCO QUOTE

PAGE 2

RE-PRINT

CUSTOMER COPY

QUOTE # 384383-00
QUOTED DATE 10/10/14

BILL TO:
DISTRIBUTOR

SHIP TO:
CITY OF BELOIT
502 E 12TH STREET

BELOIT

KS67420-1409

BELOIT

KS67420-1409

DESCRIPTION	PRODUCT NUMBER	QTY	UNIT PRICE	EXT PRIC
00	STANDARD AIR SPACE			
00	GENERIC PR VALVE .25 10PSI 35SCFM			
Z	ERMCO STD DRAIN VALVE W/ SAMPLER			
0	1"NPT FILL PLUG			
Z	SEC ERMCO STD LEVEL GAGE			
0	NO VACUUM GAGE SELECTED			
Z	ERMCO STD TEMPERATURE GAGE			
T1	"T" BLADE 35KV CP#2200913C21 BBM			
H	HOT STICK STYLE SWITCH HANDLE			
0	STD TX OIL			
A	STANDARD TWO NAMEPLATES			
00	STD KVA DECAL OUTSIDE			
00	DOES NOT REQUIRE PCB DECAL.			
11	"DANGER" MR OUCH GENERIC			
02	WARNING "MR OUCH" GENERIC			
99	STD PRIMARY DECAL INSIDE (HV)			
00	NO SECONDARY VOLTAGE DECALS			
00	STD ERMCO "E" LOGO DECAL			
N	NO SPECIAL TEST NEEDED			

OPTIONS END

DELIVERY TO BE FLAT BED

(24 TO 48 HR NOTICE)

CUSTOMER: CITY OF BELOIT

RFQ/Spec: REQ

ERMCO Quote#: 384383

For detail information about the transformer, refer to the ERMCO quote documents.

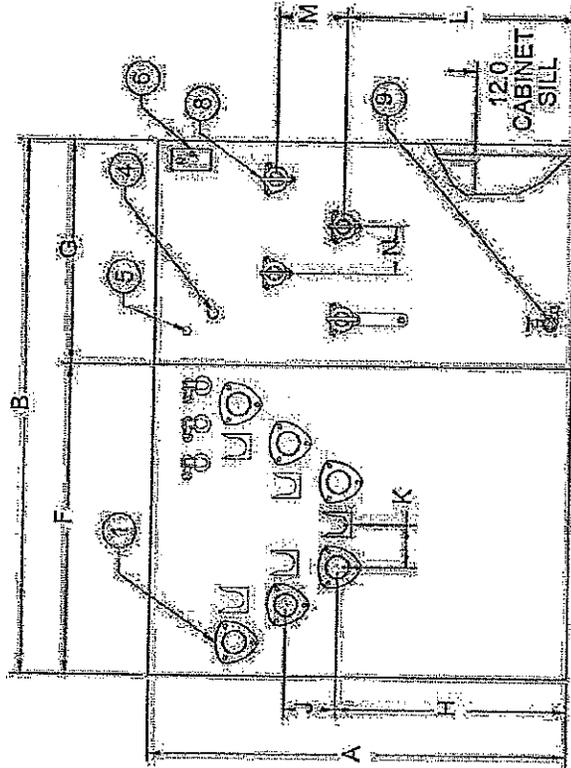
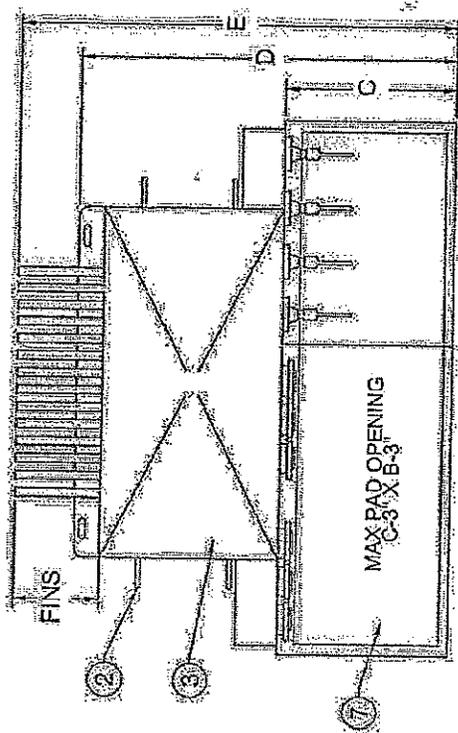
Quote

Item	A	B	C	D	E	F	G	H	J	K	L	M	N
1	49	56.5	20	46.5	53.5	32.5	23.5	27	4	4.5	31	8	5

STANDARD FEATURES

- 1 HV Bushing
- 2 Lifting Lugs
- 3 Bolted Cover
- 4 1" Upper Fill Plug
- 5 Pressure Relief Valve
- 6 Nameplate
- 7 Hinged Top Cabinet
- 8 LV Bushing
- 9 Drain Valve w/Sampler

Item	Wt(lbs)	Oil(gn)
1	3785	189



ERMCO
ISSD BY: CS DATE: 10/10/14
REV/ISSUE DATE: SCALE: NTS

3 Phase Quotation Drawing
For Dimensional Purposes Only
All Features and Accessories Not Shown

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: October 16, 2014

for the purchase of the following item(s)/ material(s): **Electric Material Bid**
All items(s)/ material(s) are to be bid FOB, Beloit, Kansas.

All bids submitted in an envelope are to be prominently marked:
Electric Material Bid or L-032720

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. **All bids must have the spec sheet filled out in order to be accepted.**

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 Ronnie at 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

Mandy Lomax
City Clerk

**Material in this bid will be Ship To:
City of Beloit, 502 E. 12th Street
Beloit, Kansas 67420**

PROPOSAL SHEET

FOR BID L - 032720

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 \$ 9840.00 this is FOB, 502 E. 12th Street, Beloit, Kansas 67420-0567.

Estimated delivery time: 10-17 WKS

I understand that this bid is to be guaranteed for no less than fifteen (15) days from the date of bid opening.

BIDDER (NAME OF FIRM) Stanion Wholesale Electric

AUTHORIZED SIGNATURE Dennis Wirth

TELEPHONE 785-628-8722 DATE 10/10/14

RE-PRINT

CUSTOMER COPY

QUOTE # 384383-00
QUOTED DATE 10/10/14

BILL TO:
DISTRIBUTOR

SHIP TO:
CITY OF БЕЛОИТ
502 E 12TH STREET

BEЛОИТ

KS67420-1409

BEЛОИТ

KS67420-1409

DESCRIPTION	PRODUCT NUMBER	QTY	UNIT PRICE	EXT PRIC
TRANSFORMER LOSS DATA IS BASED ON ANSI C57.12.00: LOSS GRT: AVE TEMP BASIS: X VOLT% : 100 FOB БЕЛОИТ, KS. FREIGHT PREPAID AND ALLOWED. LEAD TIME 10-12 WEEKS. *QUOTED PER CITY OF БЕЛОИТ CHECK SHEET				

PRICES ARE FIRM FOR RECEIPT OF AN ORDER WITHIN 30 DAYS FROM 10/16/14 AND DELIVERY WITHIN THE QUOTED LEAD TIME. DELIVERIES BEYOND THE QUOTED LEAD TIME WILL BE SUBJECT TO ESCALATION BASED ON THE ERMCO MATERIAL PRICE INDEX AT THE TIME OF SHIPMENT. THE BASE ERMCO MATERIAL PRICE INDEX FOR THIS QUOTATION IS - 14.80%.

ITEM 1
ERMCO 3 PHASE PAD TRANSFORMER 3PH-PAD 1
ITEM#: 1.00
YOUR PRODUCT

NL= 287 LL= 2720 IZ=4.800 TL= 3007

OPTIONS BEGIN.....

ERMCO	ERMCO STD 3PH TRANSFORMER
0225	225 KVA
G	GRDY
001G	12470GY/7200 95 BIL
X	HO/XO GROUND
003	2 TAPS 2.5% ABOVE & BELOW
112	208Y/120
M4	ANSI MINIMUM K DIM=4.5
L	LOOP FEED
000	ERMCO STD FIXED STUD WELL
G15	STD INSERT SYSTEM SELECT
000	ELBOW ARRESTERS NOT SELECTED
S	STAGGERED LV BUSHING ARRANGEMENT
000	ERMCO STD STUD LV BUSHINGS
400	4 HOLE NEMA SPADES
E58	DUAL SENSING BAYO & LINK (GENERIC)
A00	STD ISOLATION LINK BY CONFIGURATOR
000	MILD STEEL TANK & PEDESTAL
000	MILD STEEL CABINET & SILL
0	STD CABINET PARTITION
0	PADMOUNT GREEN FINISH
0	STANDARD HARDWARE.
11	SILICON BRONZE PENTABOLT
0	GROUND BOSS IN PRIMARY & SECONDARY

10/10/14 10:54:44

ERMCO QUOTE

PAGE 2

RE-PRINT

CUSTOMER COPY

QUOTE # 384383-00
QUOTED DATE 10/10/14

BILL TO:
DISTRIBUTOR

SHIP TO:
CITY OF БЕЛОIT
502 E 12TH STREET

BELOIT

KS67420-1409

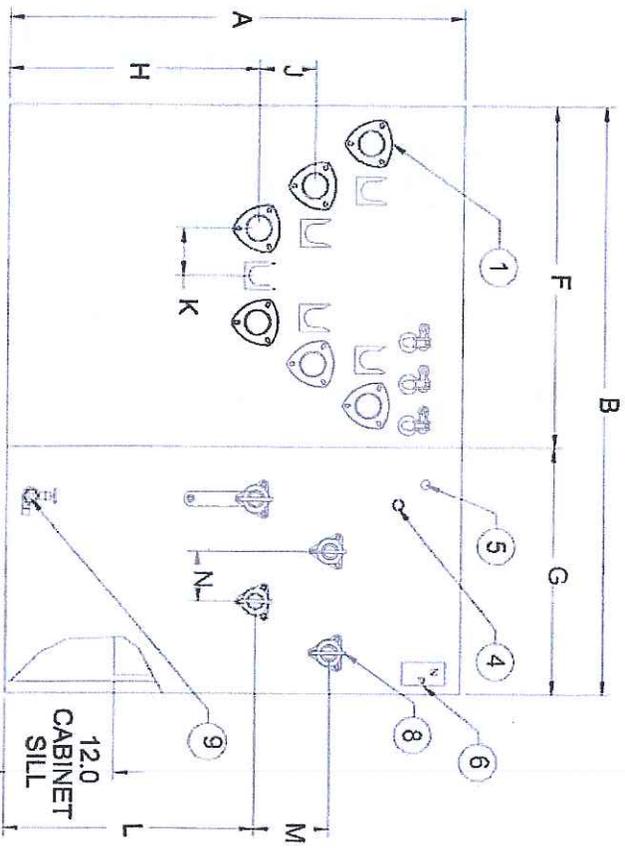
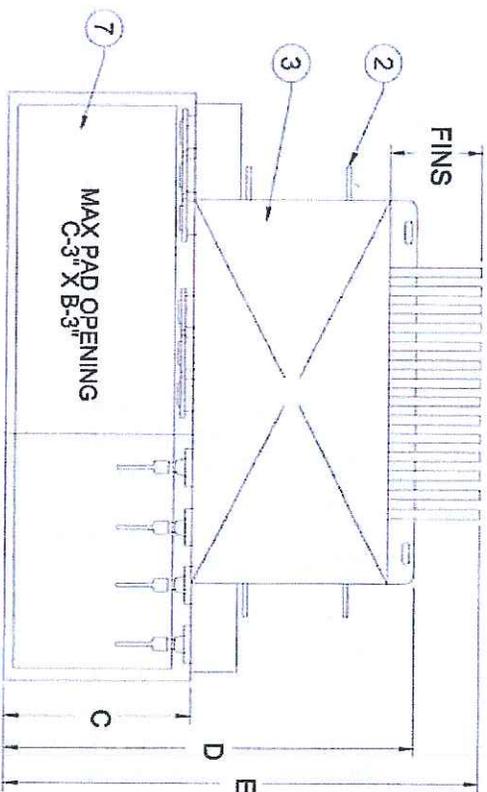
BELOIT

KS67420-1409

<u>DESCRIPTION</u>	<u>PRODUCT NUMBER</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>EXT PRIC</u>
00	STANDARD AIR SPACE			
00	GENERIC PR VALVE .25 10PSI 35SCFM			
Z	ERMCO STD DRAIN VALVE W/ SAMPLER			
0	1"NPT FILL PLUG			
Z	SEC ERMCO STD LEVEL GAGE			
0	NO VACUUM GAGE SELECTED			
Z	ERMCO STD TEMPERATURE GAGE			
T1	"T" BLADE 35KV CP#2200913C21 BBM			
H	HOT STICK STYLE SWITCH HANDLE			
0	STD TX OIL			
A	STANDARD TWO NAMEPLATES			
00	STD KVA DECAL OUTSIDE			
00	DOES NOT REQUIRE PCB DECAL.			
11	"DANGER" MR OUCH GENERIC			
02	WARNING "MR OUCH" GENERIC			
99	STD PRIMARY DECAL INSIDE (HV)			
00	NO SECONDARY VOLTAGE DECALS			
00	STD ERMCO "E" LOGO DECAL			
N	NO SPECIAL TEST NEEDED			
OPTIONS END.....				

DELIVERY TO BE FLAT BED

(24 TO 48 HR NOTICE)



CUSTOMER: CITY OF BELOIT

RFQ/Spec: RFQ

ERMCO Quote#: 384383

For detail information about the transformer, refer to the ERMCO quote documents.

Quote

Item	A	B	C	D	E	F	G	H	J	K	L	M	N
1	49	56.5	20	46.5	53.5	32.5	23.5	27	4	4.5	31	8	5

STANDARD FEATURES

- 1 HV Bushing
- 2 Lifting Lugs
- 3 Bolted Cover
- 4 1" Upper Fill Plug
- 5 Pressure Relief Valve
- 6 Nameplate
- 7 Hinged Top Cabinet
- 8 LV Bushing
- 9 Drain Valve w/Sampler

Item	Quote	Wt(lbs)	Oil(gn)
1		3785	189

3 Phase Quotation Drawing
For Dimensional Purposes Only
All Features and Accessories Not Shown

ERMCO

ISSD BY: CS DATE: 10/10/14
 REV ISSUE DATE: SCALE: NTS

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: October 16, 2014

for the purchase of the following item(s)/ material(s): **Electric Material Bid**
All items(s)/ material(s) are to be bid FOB, Beloit, Kansas.

All bids submitted in an envelope are to be prominently marked:
Electric Material Bid or L-032720

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. **All bids must have the spec sheet filled out in order to be accepted.**

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 Ronnie at 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

Mandy Lomax
City Clerk

**Material in this bid will be Ship To:
City of Beloit, 502 E. 12th Street
Beloit, Kansas 67420**

PROPOSAL SHEET

FOR BID L - 032720

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 \$ 9,590.00 this is FOB, 502 E. 12th Street, Beloit, Kansas 67420-0567.

Estimated delivery time: 18-20 weeks

I understand that this bid is to be guaranteed for no less than fifteen (15) days from the date of bid opening.

BIDDER (NAME OF FIRM) WESCO

AUTHORIZED SIGNATURE Michael Meyer

TELEPHONE 816-448-9239 DATE 10/9/14



Neg #: 14Q2420393	City of Beloit (Beloit Municipal Building) / WESCO - NATIONAL STOCKING / City of Beloit, KS 225kva
-------------------	--

ITEM	QTY	kVA	EACH (USD)	NL	LL	TL	Conductor	%Z
10	1	225	\$9,590	357 @ 85	2446 @ 85	2803	Cu/Cu	5

ITEM	Shipment
10	18-20 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 : HOX0 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
- 4-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
- Dial type thermometer



Neg #: 14Q2420393	City of Beloit (Beloit Municipal Building) / WESCO - NATIONAL STOCKING / City of Beloit, KS 225kva
-------------------	--

FITTINGS

- Drain valve and sampler

OTHER

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



Neg #: 14Q2420393

City of Beloit (Beloit Municipal Building) / WESCO - NATIONAL
STOCKING / City of Beloit, KS 225kva

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 #: 14Q2420393

City of Beloit (Beloit Municipal Building) / WESCO - NATIONAL
STOCKING / City of Beloit, KS 225kva

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*.

REQUEST FOR COUNCIL ACTION

DATE:	TITLE:		
October 21, 2014	Turbo Charger Estimate		
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 estimate from GE Oil & Gas in the amount of \$10,700.00 to clean and inspect a turbo charger at the Power Plant.

FISCAL NOTE:

The funding will come from the Power Plant under line item 53-41-4360.

DISCUSSION:

Respectfully submitted,

Glenn Rodden
City Administrator



Reciprocating Compression
 1648 West Magnolia Rd.
 Salina, Ks. 67401
 Phone 785-823-9211
 Fax 785-826-4970

Estimate No.
Estimate Date: 10/7/2014

ESTIMATE ONLY

Sold To: City of Beloit	Ship To: City of Beloit 215 South Chestnut St. Beloit, KS
-----------------------------------	---

Requested By: Henry Eilert Estimated By: Nick Brumbaugh

<i>Item</i>	<i>ESTIMATED OVERHAUL PARTS - These are OEM Parts- con't</i>			
	Qty	Description	P/N	
Cooper	1	Blower End Thurst Bearing	ET16-1-Y#3	
ET18	3	Turbine End Seal Capscrews	1-01F-017-032-007	
Turbocharger	4	Nozzle Ring Capscrew	W6C-12#2	
	1	Wear Detector / Eutectic	W67A-1#1	
	1	Gasket/O-Ring Kit	#500-ET18-1-20	
	1	Turbine Inlet Gasket	CB055M09-1	
	1	Air Assist Hose	UV-4000-002-024	
	1	Air Assist Hose	UV-4000-002-028	
	1	Air Assist Hose	UV-4000-002-030	
	1	Mag Pick-up f/ Tachometer	ELP8405D025	
	1	Turbine End Stub Shaft	ET18-1-YY1#1	
	53	Turbine Blade Tablock	ET18-501-11#1	
	8	Turbine Shroud Bolts	W10A-1#87	
				Estimated Overhaul Parts: \$3,300.00
				Estimated Overhaul Labor and Parts Total \$10,700.00

Estimate Valid for 90 Days



Reciprocating Compression
 1648 West Magnolia Rd.
 Salina, Ks. 67401
 Phone 785-823-9211
 Fax 785-826-4970

Estimate No.
Estimate Date: 10/7/2014

ESTIMATE ONLY

Sold To: City of Beloit	Ship To: City of Beloit 215 South Chestnut St. Beloit, KS
-----------------------------------	---

Requested By: Henry Eilert	Estimated By: Nick Brumbaugh
----------------------------	------------------------------

<p>Item Cooper ET18 Turbocharger</p>	<p>ESTIMATED OVERHAUL LABOR Disassemble, Clean, and Inspect Housings Clean and Inspect Turbine Rotor Remove and Zygo Turbine Blades Polish, Measure, and Check Shaft Straightness Install New Turbine End Stub Shaft Clean and Inspect Diffuser and Compressor Shroud Clean and Inspect Impeller Rebuild Impeller Bore Rebuild Impeller Drive Slots Component Balance Rotor Assembly Clean and Inspect Nozzle Ring Machine Turbine Case - All Gasket Surfaces Machine Turbine Inlet Case - All Gasket Surfaces Inspect all and Repair up to (3) Threaded Holes Assemble and Water Test Turbine/Turbine Inlet Cases Assemble Paint Prepare for Shipment</p> <p style="text-align: right;">Estimated Overhaul Labor: \$7,400.00</p> <p>ESTIMATED OVERHAUL PARTS - These are OEM Parts</p> <table border="1"> <thead> <tr> <th>Qty</th> <th>Description</th> <th>P/N</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Blower End Oil Baffle</td> <td>ET18-1-19E</td> </tr> <tr> <td>1</td> <td>Turbine End Oil Baffle</td> <td>ET18-1-NN</td> </tr> <tr> <td>1</td> <td>Blower End Journal Bearing</td> <td>ET16-1-Z#3</td> </tr> <tr> <td>1</td> <td>Turbine End Journal Bearing</td> <td>ET16-1-L#2</td> </tr> </tbody> </table>	Qty	Description	P/N	1	Blower End Oil Baffle	ET18-1-19E	1	Turbine End Oil Baffle	ET18-1-NN	1	Blower End Journal Bearing	ET16-1-Z#3	1	Turbine End Journal Bearing	ET16-1-L#2	
Qty	Description	P/N															
1	Blower End Oil Baffle	ET18-1-19E															
1	Turbine End Oil Baffle	ET18-1-NN															
1	Blower End Journal Bearing	ET16-1-Z#3															
1	Turbine End Journal Bearing	ET16-1-L#2															

City Of Beloit Power Plant
215 South Chestnut ST.
Beloit, Kansas 67420



Tel No (785) 738-5121
Fax No (785) 534-1613

To: Glenn and City Council
From: Henry Eilert
Subject: Repairs to #6 turbo charger

10-16-14

Glenn and City Council,

We are in need of getting the turbo charger fixed due to leaking water around the seal in the turbo casing. If Okayed by the council we would take the turbo off and send it to GE Oil & Gas to be checked over and repaired. This needs to be cleaned and inspected, the last time this was done was in 1999 by Cameron Compressions in Salina KS.

In 2009 we were short on staff and on money when we started our preventive maintenance. After we started the preventive maintenance plan, we decided to send in the turbo chargers every 10 years. We are not running as much due to the weather, this gives us the opportunity to send it in without the worry of running. We have only asked for one quote it was from GE Oil & Gas. (Same company as Cameron) I am wanting to go with this company because, we did have a bad experience with the only other company in the area that works on this type of turbo charger. The turbo charger we sent in was not fixed, we ended up sending it to GE Oil & Gas anyways to have it fixed properly.

The total of quote from GE Oil & Gas is \$10,700, this is just the routine cleaning and inspection. If this needs anything beyond that, it will cost more. We have budgeted for this turbo charger, it will come out of 53-41-4360.

Sincerely,

Henry Eilert

Emma Hamby

ITEMS FOR COUNCIL DISCUSSION

DATE:

October 21, 2014

TITLE:

WORK SESSION DISCUSSION

DISCUSSION:

Items for discussion at your October 21, 2014 Work Session will include the following:

- A. Street Projects. Enclosed are cost estimates for the North Campus Streets and East Main Street. Also enclosed is a debt service schedule for both projects.

Respectfully submitted,

Glenn Rodden
City Administrator

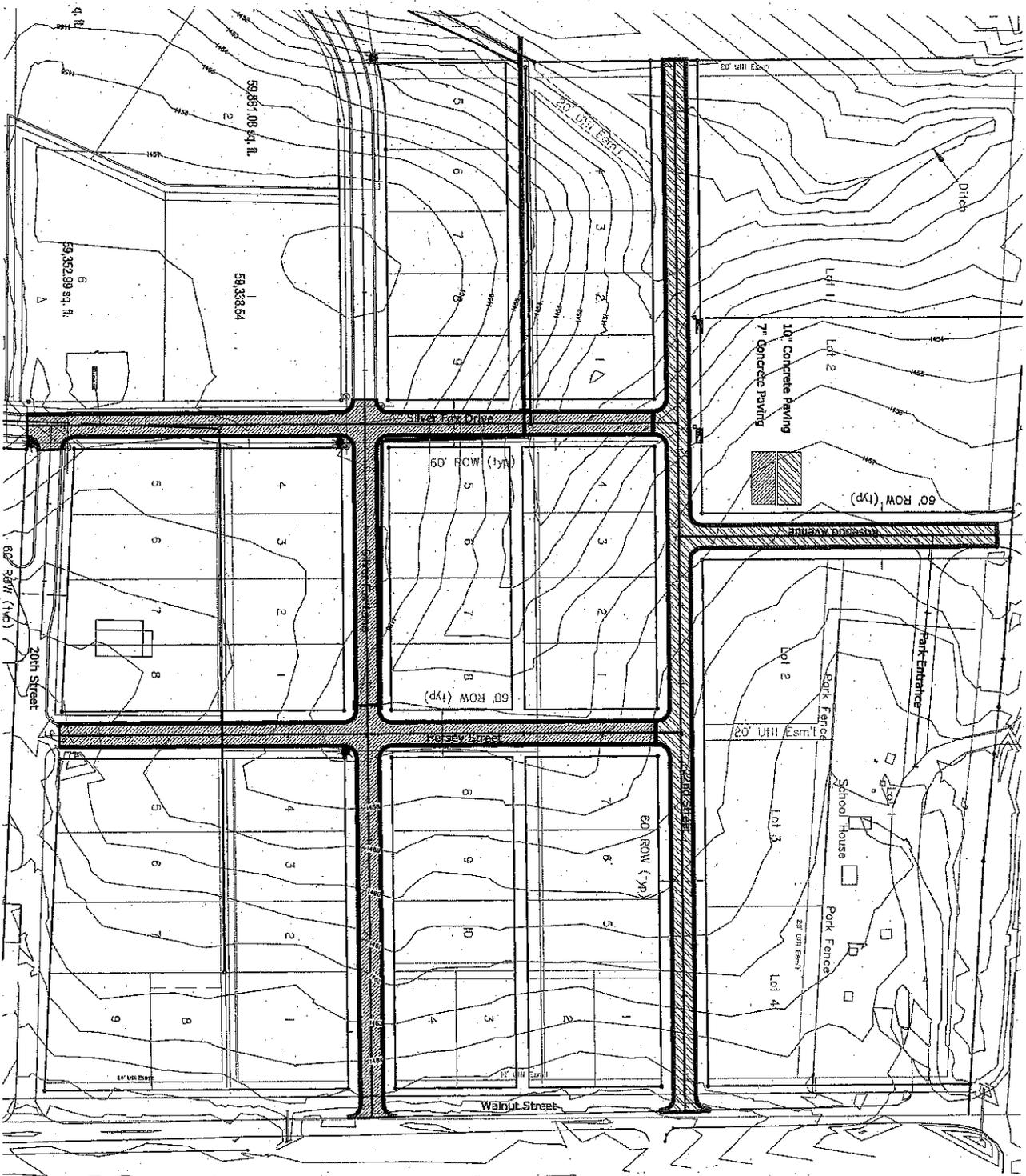
CITY OF БЕЛОIT STREET IMPROVEMENTS
BELOIT 2014
PRELIMINARY COST ESTIMATE
OCTOBER 2014

Project Scope: 10" & 7" Concrete Paving, Curb & Gutter, and Storm Sewer Installation

Project Length: 4286 feet

Pavement Width: 26 feet with Curb and Gutter

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
Construction Cost					
1	Mobilization	1	LS	\$10,000	\$10,000
2	Excavation	4,200	CY	4	16,800
3	Compaction of Earthwork	3,500	CY	3	10,500
4	10" Concrete Pavement	5,170	SY	75	387,750
5	7" Concrete Pavement	7,135	SY	65	463,775
6	2'-6" Curb and Gutter	8,132	LF	18	146,376
7	18" RCP Installation (Pipe Supplied by City)	34	LF	20	680
8	24" RCP Installation (Pipe Supplied by City)	339	LF	25	8,475
9	30" RCP Installation (Pipe Supplied by City)	661	LF	30	19,830
10	Inlet Installation (Inlets Supplied by City)	5	EA	1,500	7,500
11	End Section Installation (Materials by City)	1	EA	200	200
Sub-Total Estimated Construction Cost =					\$1,071,886
+ 10% Contingencies					\$107,189
Total Estimated Construction Cost =					\$1,179,075
Overhead Cost					
1	Construction Observation Fees (3.0%)				35,300
2	Construction Staking (1.5%)				17,600
Total Estimated Project Cost =					\$1,231,975



CITY OF BELOIT EAST MAIN STREET IMPROVEMENTS
BELOIT 2014
PRELIMINARY COST ESTIMATE
OCTOBER 2014

Scope: 10" & 7" Concrete Paving, Modified Subgrade, Curb & Gutter, and Storm Sewer
 Beginning at Baldwin Street, thence Easterly 2700 feet to US 24
 Project Length: 4286 feet
 Pavement Width: 33 feet with Curb and Gutter

Bid Item	Quantity	Unit	Unit Price	Extension
Rock Excavation	1800	CY	\$13	\$22,500
Common Excavation	2700	CY	\$6	\$16,200
Compaction	3100	CY	\$5	\$15,500
Stabilized Base	10800	SY	\$7	\$75,600
Concrete Pavement (10")	8600	SY	\$85	\$731,000
Concrete Pavement (8")	400	SY	\$75	\$30,000 (Intersections)
Curb & Gutter	5300	LF	\$23	\$121,900
Concrete Pavement (6")	420	SY	\$75	\$31,500 (Drives)
Construction Staking	1	LS	\$8,000	\$8,000
Storm Sewer (RCP)(30")	240	LF	\$65	\$15,600
Storm Sewer (RCP)(24")	180	LF	\$44	\$7,920
Storm Sewer (RCP)(15")	150	LF	\$36	\$5,400
Curb Inlets	8	Ea	\$3,800	\$30,400
Erosion Control	1	LS	\$4,000	\$4,000
Traffic Control	1	LS	\$6,000	\$6,000
Subtotal				\$1,121,520
Contingencies 20%			-	\$224,304
Total Construction Cost 2014				\$1,345,824
Projected Construction Cost 2016 (5% /Yr Inflation)				\$1,483,771
Engineering (7%)				\$103,864
Inspection (8%)				\$118,702
Total Construction, Inspection and Engineering				\$1,706,337

SOURCES AND USES OF FUNDS

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (10 Years)
 -Preliminary, BQ, 'A' Rated-

Dated Date 04/01/2015
 Delivery Date 04/01/2015

Sources:	East Main Project	North Campus Project	Total
Bond Proceeds:			
Par Amount	1,800,000.00	1,200,000.00	3,000,000.00
Premium	45,130.05	30,037.55	75,167.60
	<u>1,845,130.05</u>	<u>1,230,037.55</u>	<u>3,075,167.60</u>
Uses:	East Main Project	North Campus Project	Total
Project Fund Deposits:			
East Main	1,800,000.00		1,800,000.00
North Campus		1,200,000.00	1,200,000.00
	<u>1,800,000.00</u>	<u>1,200,000.00</u>	<u>3,000,000.00</u>
Cost of Issuance:			
Other Cost of Issuance	45,000.00	30,000.00	75,000.00
Other Uses of Funds:			
Additional Proceeds	130.05	37.55	167.60
	<u>1,845,130.05</u>	<u>1,230,037.55</u>	<u>3,075,167.60</u>

BOND DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (10 Years)
 -Preliminary, BQ, 'A' Rated-
 East Main Project

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/01/2016			45,340.63	45,340.63	
09/01/2016	140,000	2.000%	24,731.25	164,731.25	210,071.88
03/01/2017			23,331.25	23,331.25	
09/01/2017	165,000	2.000%	23,331.25	188,331.25	211,662.50
03/01/2018			21,681.25	21,681.25	
09/01/2018	170,000	2.000%	21,681.25	191,681.25	213,362.50
03/01/2019			19,981.25	19,981.25	
09/01/2019	170,000	3.125%	19,981.25	189,981.25	209,962.50
03/01/2020			17,325.00	17,325.00	
09/01/2020	180,000	3.000%	17,325.00	197,325.00	214,650.00
03/01/2021			14,625.00	14,625.00	
09/01/2021	185,000	3.000%	14,625.00	199,625.00	214,250.00
03/01/2022			11,850.00	11,850.00	
09/01/2022	190,000	3.000%	11,850.00	201,850.00	213,700.00
03/01/2023			9,000.00	9,000.00	
09/01/2023	195,000	3.000%	9,000.00	204,000.00	213,000.00
03/01/2024			6,075.00	6,075.00	
09/01/2024	200,000	3.000%	6,075.00	206,075.00	212,150.00
03/01/2025			3,075.00	3,075.00	
09/01/2025	205,000	3.000%	3,075.00	208,075.00	211,150.00
	1,800,000		323,959.38	2,123,959.38	2,123,959.38

BOND DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (10 Years)
 -Preliminary, BQ, 'A' Rated-
 North Campus Project

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/01/2016			30,198.44	30,198.44	
09/01/2016	95,000	2.000%	16,471.88	111,471.88	141,670.32
03/01/2017			15,521.88	15,521.88	
09/01/2017	110,000	2.000%	15,521.88	125,521.88	141,043.76
03/01/2018			14,421.88	14,421.88	
09/01/2018	115,000	2.000%	14,421.88	129,421.88	143,843.76
03/01/2019			13,271.88	13,271.88	
09/01/2019	115,000	3.125%	13,271.88	128,271.88	141,543.76
03/01/2020			11,475.00	11,475.00	
09/01/2020	120,000	3.000%	11,475.00	131,475.00	142,950.00
03/01/2021			9,675.00	9,675.00	
09/01/2021	120,000	3.000%	9,675.00	129,675.00	139,350.00
03/01/2022			7,875.00	7,875.00	
09/01/2022	125,000	3.000%	7,875.00	132,875.00	140,750.00
03/01/2023			6,000.00	6,000.00	
09/01/2023	130,000	3.000%	6,000.00	136,000.00	142,000.00
03/01/2024			4,050.00	4,050.00	
09/01/2024	135,000	3.000%	4,050.00	139,050.00	143,100.00
03/01/2025			2,025.00	2,025.00	
09/01/2025	135,000	3.000%	2,025.00	137,025.00	139,050.00
	1,200,000		215,301.60	1,415,301.60	1,415,301.60

BOND DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (10 Years)
 -Preliminary, BQ, 'A' Rated-

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/01/2016			75,539.07	75,539.07	
09/01/2016	235,000	2.000%	41,203.13	276,203.13	351,742.20
03/01/2017			38,853.13	38,853.13	
09/01/2017	275,000	2.000%	38,853.13	313,853.13	352,706.26
03/01/2018			36,103.13	36,103.13	
09/01/2018	285,000	2.000%	36,103.13	321,103.13	357,206.26
03/01/2019			33,253.13	33,253.13	
09/01/2019	285,000	3.125%	33,253.13	318,253.13	351,506.26
03/01/2020			28,800.00	28,800.00	
09/01/2020	300,000	3.000%	28,800.00	328,800.00	357,600.00
03/01/2021			24,300.00	24,300.00	
09/01/2021	305,000	3.000%	24,300.00	329,300.00	353,600.00
03/01/2022			19,725.00	19,725.00	
09/01/2022	315,000	3.000%	19,725.00	334,725.00	354,450.00
03/01/2023			15,000.00	15,000.00	
09/01/2023	325,000	3.000%	15,000.00	340,000.00	355,000.00
03/01/2024			10,125.00	10,125.00	
09/01/2024	335,000	3.000%	10,125.00	345,125.00	355,250.00
03/01/2025			5,100.00	5,100.00	
09/01/2025	340,000	3.000%	5,100.00	345,100.00	350,200.00
	3,000,000		539,260.98	3,539,260.98	3,539,260.98

NET DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (10 Years)
 -Preliminary, BQ, 'A' Rated-

Date	Principal	Coupon	Interest	Total Debt Service	Net Debt Service	Annual Net D/S
03/01/2016			75,539.07	75,539.07	75,539.07	
09/01/2016	235,000	2.000%	41,203.13	276,203.13	276,203.13	351,742.20
03/01/2017			38,853.13	38,853.13	38,853.13	
09/01/2017	275,000	2.000%	38,853.13	313,853.13	313,853.13	352,706.26
03/01/2018			36,103.13	36,103.13	36,103.13	
09/01/2018	285,000	2.000%	36,103.13	321,103.13	321,103.13	357,206.26
03/01/2019			33,253.13	33,253.13	33,253.13	
09/01/2019	285,000	3.125%	33,253.13	318,253.13	318,253.13	351,506.26
03/01/2020			28,800.00	28,800.00	28,800.00	
09/01/2020	300,000	3.000%	28,800.00	328,800.00	328,800.00	357,600.00
03/01/2021			24,300.00	24,300.00	24,300.00	
09/01/2021	305,000	3.000%	24,300.00	329,300.00	329,300.00	353,600.00
03/01/2022			19,725.00	19,725.00	19,725.00	
09/01/2022	315,000	3.000%	19,725.00	334,725.00	334,725.00	354,450.00
03/01/2023			15,000.00	15,000.00	15,000.00	
09/01/2023	325,000	3.000%	15,000.00	340,000.00	340,000.00	355,000.00
03/01/2024			10,125.00	10,125.00	10,125.00	
09/01/2024	335,000	3.000%	10,125.00	345,125.00	345,125.00	355,250.00
03/01/2025			5,100.00	5,100.00	5,100.00	
09/01/2025	340,000	3.000%	5,100.00	345,100.00	345,100.00	350,200.00
	3,000,000		539,260.98	3,539,260.98	3,539,260.98	3,539,260.98

BOND SUMMARY STATISTICS

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (10 Years)
 -Preliminary, BQ, 'A' Rated-

Dated Date	04/01/2015
Delivery Date	04/01/2015
Last Maturity	09/01/2025
Arbitrage Yield	2.449279%
True Interest Cost (TIC)	2.449279%
Net Interest Cost (NIC)	2.497812%
All-In TIC	2.891839%
Average Coupon	2.902373%
Average Life (years)	6.193
Weighted Average Maturity (years)	6.184
Duration of Issue (years)	5.672
Par Amount	3,000,000.00
Bond Proceeds	3,075,167.60
Total Interest	539,260.98
Net Interest	464,093.38
Bond Years from Dated Date	18,580,000.00
Bond Years from Delivery Date	18,580,000.00
Total Debt Service	3,539,260.98
Maximum Annual Debt Service	357,600.00
Average Annual Debt Service	339,769.05
Underwriter's Fees (per \$1000)	
Average Takedown	
Other Fee	
Total Underwriter's Discount	
Bid Price	102.505587

Bond Component	Par Value	Price	Average Coupon	Average Life
Serial Bond	3,000,000.00	102.506	2.902%	6.193
	3,000,000.00			6.193

	TIC	All-In TIC	Arbitrage Yield
Par Value	3,000,000.00	3,000,000.00	3,000,000.00
+ Accrued Interest			
+ Premium (Discount)	75,167.60	75,167.60	75,167.60
- Underwriter's Discount			
- Cost of Issuance Expense		-75,000.00	
- Other Amounts			
Target Value	3,075,167.60	3,000,167.60	3,075,167.60
Target Date	04/01/2015	04/01/2015	04/01/2015
Yield	2.449279%	2.891839%	2.449279%

BOND PRICING

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (10 Years)
 -Preliminary, BQ, 'A' Rated-

Bond Component	Maturity Date	Amount	Rate	Yield	Price	Yield to Maturity	Call Date	Call Price	Premium (-Discount)	Principal Cost
Serial Bond:										
	09/01/2016	235,000	2.000%	1.150%	101.190				2,796.50	237,796.50
	09/01/2017	275,000	2.000%	1.400%	101.420				3,905.00	278,905.00
	09/01/2018	285,000	2.000%	1.600%	101.324				3,773.40	288,773.40
	09/01/2019	285,000	3.125%	1.850%	105.382				15,338.70	300,338.70
	09/01/2020	300,000	3.000%	2.050%	104.845				14,535.00	314,535.00
	09/01/2021	305,000	3.000%	2.300%	104.152				12,663.60	317,663.60
	09/01/2022	315,000	3.000%	2.500%	103.364				10,596.60	325,596.60
	09/01/2023	325,000	3.000%	2.750%	101.865				6,061.25	331,061.25
	09/01/2024	335,000	3.000%	2.850%	101.229				4,117.15	339,117.15
	09/01/2025	340,000	3.000%	2.950%	100.406 C	2.954%	09/01/2024	100.000	1,380.40	341,380.40
		3,000,000							75,167.60	3,075,167.60

Dated Date	04/01/2015	
Delivery Date	04/01/2015	
First Coupon	03/01/2016	
Par Amount	3,000,000.00	
Premium	75,167.60	
Production	3,075,167.60	102.505587%
Underwriter's Discount		
Purchase Price	3,075,167.60	102.505587%
Accrued Interest		
Net Proceeds	3,075,167.60	

SOURCES AND USES OF FUNDS

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (15 Years)
 -Preliminary, BQ, 'A' Rated-

Dated Date 04/01/2015
 Delivery Date 04/01/2015

Sources:	East Main Project	North Campus Project	Total
Bond Proceeds:			
Par Amount	1,800,000.00	1,200,000.00	3,000,000.00
Premium	47,079.85	31,346.45	78,426.30
	<u>1,847,079.85</u>	<u>1,231,346.45</u>	<u>3,078,426.30</u>
Uses:			
	East Main Project	North Campus Project	Total
Project Fund Deposits:			
East Main	1,800,000.00		1,800,000.00
North Campus		1,200,000.00	1,200,000.00
	<u>1,800,000.00</u>	<u>1,200,000.00</u>	<u>3,000,000.00</u>
Cost of Issuance:			
Other Cost of Issuance	45,000.00	30,000.00	75,000.00
Other Uses of Funds:			
Additional Proceeds	2,079.85	1,346.45	3,426.30
	<u>1,847,079.85</u>	<u>1,231,346.45</u>	<u>3,078,426.30</u>

BOND DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (15 Years)
 -Preliminary, BQ, 'A' Rated-
 East Main Project

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/01/2016			51,408.96	51,408.96	
09/01/2016	75,000	2.000%	28,041.25	103,041.25	154,450.21
03/01/2017			27,291.25	27,291.25	
09/01/2017	100,000	2.000%	27,291.25	127,291.25	154,582.50
03/01/2018			26,291.25	26,291.25	
09/01/2018	105,000	3.000%	26,291.25	131,291.25	157,582.50
03/01/2019			24,716.25	24,716.25	
09/01/2019	105,000	3.000%	24,716.25	129,716.25	154,432.50
03/01/2020			23,141.25	23,141.25	
09/01/2020	110,000	3.000%	23,141.25	133,141.25	156,282.50
03/01/2021			21,491.25	21,491.25	
09/01/2021	115,000	3.000%	21,491.25	136,491.25	157,982.50
03/01/2022			19,766.25	19,766.25	
09/01/2022	115,000	3.000%	19,766.25	134,766.25	154,532.50
03/01/2023			18,041.25	18,041.25	
09/01/2023	120,000	3.000%	18,041.25	138,041.25	156,082.50
03/01/2024			16,241.25	16,241.25	
09/01/2024	125,000	3.250%	16,241.25	141,241.25	157,482.50
03/01/2025			14,210.00	14,210.00	
09/01/2025	130,000	3.250%	14,210.00	144,210.00	158,420.00
03/01/2026			12,097.50	12,097.50	
09/01/2026	130,000	3.500%	12,097.50	142,097.50	154,195.00
03/01/2027			9,822.50	9,822.50	
09/01/2027	135,000	3.750%	9,822.50	144,822.50	154,645.00
03/01/2028			7,291.25	7,291.25	
09/01/2028	140,000	3.250%	7,291.25	147,291.25	154,582.50
03/01/2029			5,016.25	5,016.25	
09/01/2029	145,000	3.350%	5,016.25	150,016.25	155,032.50
03/01/2030			2,587.50	2,587.50	
09/01/2030	150,000	3.450%	2,587.50	152,587.50	155,175.00
	1,800,000		535,460.21	2,335,460.21	2,335,460.21

BOND DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (15 Years)
 -Preliminary, BQ, 'A' Rated-
 North Campus Project

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/01/2016			34,221.46	34,221.46	
09/01/2016	50,000	2.000%	18,666.25	68,666.25	102,887.71
03/01/2017			18,166.25	18,166.25	
09/01/2017	70,000	2.000%	18,166.25	88,166.25	106,332.50
03/01/2018			17,466.25	17,466.25	
09/01/2018	70,000	3.000%	17,466.25	87,466.25	104,932.50
03/01/2019			16,416.25	16,416.25	
09/01/2019	70,000	3.000%	16,416.25	86,416.25	102,832.50
03/01/2020			15,366.25	15,366.25	
09/01/2020	75,000	3.000%	15,366.25	90,366.25	105,732.50
03/01/2021			14,241.25	14,241.25	
09/01/2021	75,000	3.000%	14,241.25	89,241.25	103,482.50
03/01/2022			13,116.25	13,116.25	
09/01/2022	80,000	3.000%	13,116.25	93,116.25	106,232.50
03/01/2023			11,916.25	11,916.25	
09/01/2023	80,000	3.000%	11,916.25	91,916.25	103,832.50
03/01/2024			10,716.25	10,716.25	
09/01/2024	80,000	3.250%	10,716.25	90,716.25	101,432.50
03/01/2025			9,416.25	9,416.25	
09/01/2025	85,000	3.250%	9,416.25	94,416.25	103,832.50
03/01/2026			8,035.00	8,035.00	
09/01/2026	85,000	3.500%	8,035.00	93,035.00	101,070.00
03/01/2027			6,547.50	6,547.50	
09/01/2027	90,000	3.750%	6,547.50	96,547.50	103,095.00
03/01/2028			4,860.00	4,860.00	
09/01/2028	95,000	3.250%	4,860.00	99,860.00	104,720.00
03/01/2029			3,316.25	3,316.25	
09/01/2029	95,000	3.350%	3,316.25	98,316.25	101,632.50
03/01/2030			1,725.00	1,725.00	
09/01/2030	100,000	3.450%	1,725.00	101,725.00	103,450.00
	1,200,000		355,497.71	1,555,497.71	1,555,497.71

BOND DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (15 Years)
 -Preliminary, BQ, 'A' Rated-

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/01/2016			85,630.42	85,630.42	
09/01/2016	125,000	2.000%	46,707.50	171,707.50	257,337.92
03/01/2017			45,457.50	45,457.50	
09/01/2017	170,000	2.000%	45,457.50	215,457.50	260,915.00
03/01/2018			43,757.50	43,757.50	
09/01/2018	175,000	3.000%	43,757.50	218,757.50	262,515.00
03/01/2019			41,132.50	41,132.50	
09/01/2019	175,000	3.000%	41,132.50	216,132.50	257,265.00
03/01/2020			38,507.50	38,507.50	
09/01/2020	185,000	3.000%	38,507.50	223,507.50	262,015.00
03/01/2021			35,732.50	35,732.50	
09/01/2021	190,000	3.000%	35,732.50	225,732.50	261,465.00
03/01/2022			32,882.50	32,882.50	
09/01/2022	195,000	3.000%	32,882.50	227,882.50	260,765.00
03/01/2023			29,957.50	29,957.50	
09/01/2023	200,000	3.000%	29,957.50	229,957.50	259,915.00
03/01/2024			26,957.50	26,957.50	
09/01/2024	205,000	3.250%	26,957.50	231,957.50	258,915.00
03/01/2025			23,626.25	23,626.25	
09/01/2025	215,000	3.250%	23,626.25	238,626.25	262,252.50
03/01/2026			20,132.50	20,132.50	
09/01/2026	215,000	3.500%	20,132.50	235,132.50	255,265.00
03/01/2027			16,370.00	16,370.00	
09/01/2027	225,000	3.750%	16,370.00	241,370.00	257,740.00
03/01/2028			12,151.25	12,151.25	
09/01/2028	235,000	3.250%	12,151.25	247,151.25	259,302.50
03/01/2029			8,332.50	8,332.50	
09/01/2029	240,000	3.350%	8,332.50	248,332.50	256,665.00
03/01/2030			4,312.50	4,312.50	
09/01/2030	250,000	3.450%	4,312.50	254,312.50	258,625.00
	3,000,000		890,957.92	3,890,957.92	3,890,957.92

NET DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (15 Years)
 -Preliminary, BQ, 'A' Rated-

Date	Principal	Coupon	Interest	Total Debt Service	Net Debt Service	Annual Net D/S
03/01/2016			85,630.42	85,630.42	85,630.42	
09/01/2016	125,000	2.000%	46,707.50	171,707.50	171,707.50	257,337.92
03/01/2017			45,457.50	45,457.50	45,457.50	
09/01/2017	170,000	2.000%	45,457.50	215,457.50	215,457.50	260,915.00
03/01/2018			43,757.50	43,757.50	43,757.50	
09/01/2018	175,000	3.000%	43,757.50	218,757.50	218,757.50	262,515.00
03/01/2019			41,132.50	41,132.50	41,132.50	
09/01/2019	175,000	3.000%	41,132.50	216,132.50	216,132.50	257,265.00
03/01/2020			38,507.50	38,507.50	38,507.50	
09/01/2020	185,000	3.000%	38,507.50	223,507.50	223,507.50	262,015.00
03/01/2021			35,732.50	35,732.50	35,732.50	
09/01/2021	190,000	3.000%	35,732.50	225,732.50	225,732.50	261,465.00
03/01/2022			32,882.50	32,882.50	32,882.50	
09/01/2022	195,000	3.000%	32,882.50	227,882.50	227,882.50	260,765.00
03/01/2023			29,957.50	29,957.50	29,957.50	
09/01/2023	200,000	3.000%	29,957.50	229,957.50	229,957.50	259,915.00
03/01/2024			26,957.50	26,957.50	26,957.50	
09/01/2024	205,000	3.250%	26,957.50	231,957.50	231,957.50	258,915.00
03/01/2025			23,626.25	23,626.25	23,626.25	
09/01/2025	215,000	3.250%	23,626.25	238,626.25	238,626.25	262,252.50
03/01/2026			20,132.50	20,132.50	20,132.50	
09/01/2026	215,000	3.500%	20,132.50	235,132.50	235,132.50	255,265.00
03/01/2027			16,370.00	16,370.00	16,370.00	
09/01/2027	225,000	3.750%	16,370.00	241,370.00	241,370.00	257,740.00
03/01/2028			12,151.25	12,151.25	12,151.25	
09/01/2028	235,000	3.250%	12,151.25	247,151.25	247,151.25	259,302.50
03/01/2029			8,332.50	8,332.50	8,332.50	
09/01/2029	240,000	3.350%	8,332.50	248,332.50	248,332.50	256,665.00
03/01/2030			4,312.50	4,312.50	4,312.50	
09/01/2030	250,000	3.450%	4,312.50	254,312.50	254,312.50	258,625.00
	3,000,000		890,957.92	3,890,957.92	3,890,957.92	3,890,957.92

BOND SUMMARY STATISTICS

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (15 Years)
 -Preliminary, BQ, 'A' Rated-

Dated Date.	04/01/2015
Delivery Date	04/01/2015
Last Maturity	09/01/2030
Arbitrage Yield	2.895857%
True Interest Cost (TIC)	2.923989%
Net Interest Cost (NIC)	2.987798%
All-In TIC	3.246492%
Average Coupon	3.276183%
Average Life (years)	9.065
Weighted Average Maturity (years)	9.028
Duration of Issue (years)	7.796
Par Amount	3,000,000.00
Bond Proceeds	3,078,426.30
Total Interest	890,957.92
Net Interest	812,531.62
Bond Years from Dated Date	27,195,000.00
Bond Years from Delivery Date	27,195,000.00
Total Debt Service	3,890,957.92
Maximum Annual Debt Service	262,515.00
Average Annual Debt Service	252,386.46
Underwriter's Fees (per \$1000)	
Average Takedown	
Other Fee	
Total Underwriter's Discount	
Bid Price	102.614210

Bond Component	Par Value	Price	Average Coupon	Average Life
Serial Bond	3,000,000.00	102.614	3.276%	9.065
	3,000,000.00			9.065

	TIC	All-In TIC	Arbitrage Yield
Par Value	3,000,000.00	3,000,000.00	3,000,000.00
+ Accrued Interest			
+ Premium (Discount)	78,426.30	78,426.30	78,426.30
- Underwriter's Discount			
- Cost of Issuance Expense		-75,000.00	
- Other Amounts			
Target Value	3,078,426.30	3,003,426.30	3,078,426.30
Target Date	04/01/2015	04/01/2015	04/01/2015
Yield	2.923989%	3.246492%	2.895857%

BOND PRICING

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (15 Years)
 -Preliminary, BQ, 'A' Rated-

Bond Component	Maturity Date	Amount	Rate	Yield	Price	Yield to Maturity	Call Date	Call Price	Premium (-Discount)	Principal Cost
Serial Bond:										
	09/01/2016	125,000	2.000%	1.150%	101.190				1,487.50	126,487.50
	09/01/2017	170,000	2.000%	1.400%	101.420				2,414.00	172,414.00
	09/01/2018	175,000	3.000%	1.600%	104.636				8,113.00	183,113.00
	09/01/2019	175,000	3.000%	1.850%	104.854				8,494.50	183,494.50
	09/01/2020	185,000	3.000%	2.050%	104.845				8,963.25	193,963.25
	09/01/2021	190,000	3.000%	2.300%	104.152				7,888.80	197,888.80
	09/01/2022	195,000	3.000%	2.500%	103.364				6,559.80	201,559.80
	09/01/2023	200,000	3.000%	2.750%	101.865				3,730.00	203,730.00
	09/01/2024	205,000	3.250%	2.850%	103.281				6,726.05	211,726.05
	09/01/2025	215,000	3.250%	2.950%	102.449 C	2.975%	09/01/2024	100.000	5,265.35	220,265.35
	09/01/2026	215,000	3.500%	3.050%	103.657 C	3.117%	09/01/2024	100.000	7,862.55	222,862.55
	09/01/2027	225,000	3.750%	3.150%	104.854 C	3.271%	09/01/2024	100.000	10,921.50	235,921.50
	09/01/2028	235,000	3.250%	3.250%	100.000					235,000.00
	09/01/2029	240,000	3.350%	3.350%	100.000					240,000.00
	09/01/2030	250,000	3.450%	3.450%	100.000					250,000.00
		3,000,000							78,426.30	3,078,426.30

Dated Date	04/01/2015	
Delivery Date	04/01/2015	
First Coupon	03/01/2016	
Par Amount	3,000,000.00	
Premium	78,426.30	
Production	3,078,426.30	102.614210%
Underwriter's Discount		
Purchase Price	3,078,426.30	102.614210%
Accrued Interest		
Net Proceeds	3,078,426.30	

SOURCES AND USES OF FUNDS

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (20 Years)
 -Preliminary, BQ, 'A' Rated-

Dated Date 04/01/2015
 Delivery Date 04/01/2015

Sources:	East Main Project	North Campus Project	Total
Bond Proceeds:			
Par Amount	1,800,000.00	1,200,000.00	3,000,000.00
Premium	45,869.90	30,519.00	76,388.90
	<u>1,845,869.90</u>	<u>1,230,519.00</u>	<u>3,076,388.90</u>
Uses:	East Main Project	North Campus Project	Total
Project Fund Deposits:			
East Main	1,800,000.00		1,800,000.00
North Campus		1,200,000.00	1,200,000.00
	<u>1,800,000.00</u>	<u>1,200,000.00</u>	<u>3,000,000.00</u>
Cost of Issuance:			
Other Cost of Issuance	45,000.00	30,000.00	75,000.00
Other Uses of Funds:			
Additional Proceeds	869.90	519.00	1,388.90
	<u>1,845,869.90</u>	<u>1,230,519.00</u>	<u>3,076,388.90</u>

BOND DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (20 Years)
 -Preliminary, BQ, 'A' Rated-
 East Main Project

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/01/2016			57,002.92	57,002.92	
09/01/2016	40,000	2.000%	31,092.50	71,092.50	128,095.42
03/01/2017			30,692.50	30,692.50	
09/01/2017	70,000	2.000%	30,692.50	100,692.50	131,385.00
03/01/2018			29,992.50	29,992.50	
09/01/2018	70,000	3.000%	29,992.50	99,992.50	129,985.00
03/01/2019			28,942.50	28,942.50	
09/01/2019	75,000	3.000%	28,942.50	103,942.50	132,885.00
03/01/2020			27,817.50	27,817.50	
09/01/2020	75,000	3.000%	27,817.50	102,817.50	130,635.00
03/01/2021			26,692.50	26,692.50	
09/01/2021	75,000	3.000%	26,692.50	101,692.50	128,385.00
03/01/2022			25,567.50	25,567.50	
09/01/2022	80,000	3.000%	25,567.50	105,567.50	131,135.00
03/01/2023			24,367.50	24,367.50	
09/01/2023	80,000	3.000%	24,367.50	104,367.50	128,735.00
03/01/2024			23,167.50	23,167.50	
09/01/2024	85,000	3.000%	23,167.50	108,167.50	131,335.00
03/01/2025			21,892.50	21,892.50	
09/01/2025	85,000	3.250%	21,892.50	106,892.50	128,785.00
03/01/2026			20,511.25	20,511.25	
09/01/2026	90,000	3.500%	20,511.25	110,511.25	131,022.50
03/01/2027			18,936.25	18,936.25	
09/01/2027	95,000	3.750%	18,936.25	113,936.25	132,872.50
03/01/2028			17,155.00	17,155.00	
09/01/2028	95,000	4.000%	17,155.00	112,155.00	129,310.00
03/01/2029			15,255.00	15,255.00	
09/01/2029	100,000	4.000%	15,255.00	115,255.00	130,510.00
03/01/2030			13,255.00	13,255.00	
09/01/2030	105,000	4.000%	13,255.00	118,255.00	131,510.00
03/01/2031			11,155.00	11,155.00	
09/01/2031	110,000	3.550%	11,155.00	121,155.00	132,310.00
03/01/2032			9,202.50	9,202.50	
09/01/2032	110,000	3.800%	9,202.50	119,202.50	128,405.00
03/01/2033			7,112.50	7,112.50	
09/01/2033	115,000	3.900%	7,112.50	122,112.50	129,225.00
03/01/2034			4,870.00	4,870.00	
09/01/2034	120,000	3.950%	4,870.00	124,870.00	129,740.00
03/01/2035			2,500.00	2,500.00	
09/01/2035	125,000	4.000%	2,500.00	127,500.00	130,000.00
	1,800,000		806,265.42	2,606,265.42	2,606,265.42

BOND DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (20 Years)
 -Preliminary, BQ, 'A' Rated-
 North Campus Project

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/01/2016			37,968.33	37,968.33	
09/01/2016	30,000	2.000%	20,710.00	50,710.00	88,678.33
03/01/2017			20,410.00	20,410.00	
09/01/2017	45,000	2.000%	20,410.00	65,410.00	85,820.00
03/01/2018			19,960.00	19,960.00	
09/01/2018	45,000	3.000%	19,960.00	64,960.00	84,920.00
03/01/2019			19,285.00	19,285.00	
09/01/2019	50,000	3.000%	19,285.00	69,285.00	88,570.00
03/01/2020			18,535.00	18,535.00	
09/01/2020	50,000	3.000%	18,535.00	68,535.00	87,070.00
03/01/2021			17,785.00	17,785.00	
09/01/2021	50,000	3.000%	17,785.00	67,785.00	85,570.00
03/01/2022			17,035.00	17,035.00	
09/01/2022	55,000	3.000%	17,035.00	72,035.00	89,070.00
03/01/2023			16,210.00	16,210.00	
09/01/2023	55,000	3.000%	16,210.00	71,210.00	87,420.00
03/01/2024			15,385.00	15,385.00	
09/01/2024	55,000	3.000%	15,385.00	70,385.00	85,770.00
03/01/2025			14,560.00	14,560.00	
09/01/2025	60,000	3.250%	14,560.00	74,560.00	89,120.00
03/01/2026			13,585.00	13,585.00	
09/01/2026	60,000	3.500%	13,585.00	73,585.00	87,170.00
03/01/2027			12,535.00	12,535.00	
09/01/2027	60,000	3.750%	12,535.00	72,535.00	85,070.00
03/01/2028			11,410.00	11,410.00	
09/01/2028	65,000	4.000%	11,410.00	76,410.00	87,820.00
03/01/2029			10,110.00	10,110.00	
09/01/2029	65,000	4.000%	10,110.00	75,110.00	85,220.00
03/01/2030			8,810.00	8,810.00	
09/01/2030	70,000	4.000%	8,810.00	78,810.00	87,620.00
03/01/2031			7,410.00	7,410.00	
09/01/2031	70,000	3.550%	7,410.00	77,410.00	84,820.00
03/01/2032			6,167.50	6,167.50	
09/01/2032	75,000	3.800%	6,167.50	81,167.50	87,335.00
03/01/2033			4,742.50	4,742.50	
09/01/2033	75,000	3.900%	4,742.50	79,742.50	84,485.00
03/01/2034			3,280.00	3,280.00	
09/01/2034	80,000	3.950%	3,280.00	83,280.00	86,560.00
03/01/2035			1,700.00	1,700.00	
09/01/2035	85,000	4.000%	1,700.00	86,700.00	88,400.00
	1,200,000		536,508.33	1,736,508.33	1,736,508.33

BOND DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (20 Years)
 -Preliminary, BQ, 'A' Rated-

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/01/2016			94,971.25	94,971.25	
09/01/2016	70,000	2.000%	51,802.50	121,802.50	216,773.75
03/01/2017			51,102.50	51,102.50	
09/01/2017	115,000	2.000%	51,102.50	166,102.50	217,205.00
03/01/2018			49,952.50	49,952.50	
09/01/2018	115,000	3.000%	49,952.50	164,952.50	214,905.00
03/01/2019			48,227.50	48,227.50	
09/01/2019	125,000	3.000%	48,227.50	173,227.50	221,455.00
03/01/2020			46,352.50	46,352.50	
09/01/2020	125,000	3.000%	46,352.50	171,352.50	217,705.00
03/01/2021			44,477.50	44,477.50	
09/01/2021	125,000	3.000%	44,477.50	169,477.50	213,955.00
03/01/2022			42,602.50	42,602.50	
09/01/2022	135,000	3.000%	42,602.50	177,602.50	220,205.00
03/01/2023			40,577.50	40,577.50	
09/01/2023	135,000	3.000%	40,577.50	175,577.50	216,155.00
03/01/2024			38,552.50	38,552.50	
09/01/2024	140,000	3.000%	38,552.50	178,552.50	217,105.00
03/01/2025			36,452.50	36,452.50	
09/01/2025	145,000	3.250%	36,452.50	181,452.50	217,905.00
03/01/2026			34,096.25	34,096.25	
09/01/2026	150,000	3.500%	34,096.25	184,096.25	218,192.50
03/01/2027			31,471.25	31,471.25	
09/01/2027	155,000	3.750%	31,471.25	186,471.25	217,942.50
03/01/2028			28,565.00	28,565.00	
09/01/2028	160,000	4.000%	28,565.00	188,565.00	217,130.00
03/01/2029			25,365.00	25,365.00	
09/01/2029	165,000	4.000%	25,365.00	190,365.00	215,730.00
03/01/2030			22,065.00	22,065.00	
09/01/2030	175,000	4.000%	22,065.00	197,065.00	219,130.00
03/01/2031			18,565.00	18,565.00	
09/01/2031	180,000	3.550%	18,565.00	198,565.00	217,130.00
03/01/2032			15,370.00	15,370.00	
09/01/2032	185,000	3.800%	15,370.00	200,370.00	215,740.00
03/01/2033			11,855.00	11,855.00	
09/01/2033	190,000	3.900%	11,855.00	201,855.00	213,710.00
03/01/2034			8,150.00	8,150.00	
09/01/2034	200,000	3.950%	8,150.00	208,150.00	216,300.00
03/01/2035			4,200.00	4,200.00	
09/01/2035	210,000	4.000%	4,200.00	214,200.00	218,400.00
	3,000,000		1,342,773.75	4,342,773.75	4,342,773.75

NET DEBT SERVICE

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (20 Years)
 -Preliminary, BQ, 'A' Rated-

Date	Principal	Coupon	Interest	Total Debt Service	Net Debt Service	Annual Net D/S
03/01/2016			94,971.25	94,971.25	94,971.25	
09/01/2016	70,000	2.000%	51,802.50	121,802.50	121,802.50	216,773.75
03/01/2017			51,102.50	51,102.50	51,102.50	
09/01/2017	115,000	2.000%	51,102.50	166,102.50	166,102.50	217,205.00
03/01/2018			49,952.50	49,952.50	49,952.50	
09/01/2018	115,000	3.000%	49,952.50	164,952.50	164,952.50	214,905.00
03/01/2019			48,227.50	48,227.50	48,227.50	
09/01/2019	125,000	3.000%	48,227.50	173,227.50	173,227.50	221,455.00
03/01/2020			46,352.50	46,352.50	46,352.50	
09/01/2020	125,000	3.000%	46,352.50	171,352.50	171,352.50	217,705.00
03/01/2021			44,477.50	44,477.50	44,477.50	
09/01/2021	125,000	3.000%	44,477.50	169,477.50	169,477.50	213,955.00
03/01/2022			42,602.50	42,602.50	42,602.50	
09/01/2022	135,000	3.000%	42,602.50	177,602.50	177,602.50	220,205.00
03/01/2023			40,577.50	40,577.50	40,577.50	
09/01/2023	135,000	3.000%	40,577.50	175,577.50	175,577.50	216,155.00
03/01/2024			38,552.50	38,552.50	38,552.50	
09/01/2024	140,000	3.000%	38,552.50	178,552.50	178,552.50	217,105.00
03/01/2025			36,452.50	36,452.50	36,452.50	
09/01/2025	145,000	3.250%	36,452.50	181,452.50	181,452.50	217,905.00
03/01/2026			34,096.25	34,096.25	34,096.25	
09/01/2026	150,000	3.500%	34,096.25	184,096.25	184,096.25	218,192.50
03/01/2027			31,471.25	31,471.25	31,471.25	
09/01/2027	155,000	3.750%	31,471.25	186,471.25	186,471.25	217,942.50
03/01/2028			28,565.00	28,565.00	28,565.00	
09/01/2028	160,000	4.000%	28,565.00	188,565.00	188,565.00	217,130.00
03/01/2029			25,365.00	25,365.00	25,365.00	
09/01/2029	165,000	4.000%	25,365.00	190,365.00	190,365.00	215,730.00
03/01/2030			22,065.00	22,065.00	22,065.00	
09/01/2030	175,000	4.000%	22,065.00	197,065.00	197,065.00	219,130.00
03/01/2031			18,565.00	18,565.00	18,565.00	
09/01/2031	180,000	3.550%	18,565.00	198,565.00	198,565.00	217,130.00
03/01/2032			15,370.00	15,370.00	15,370.00	
09/01/2032	185,000	3.800%	15,370.00	200,370.00	200,370.00	215,740.00
03/01/2033			11,855.00	11,855.00	11,855.00	
09/01/2033	190,000	3.900%	11,855.00	201,855.00	201,855.00	213,710.00
03/01/2034			8,150.00	8,150.00	8,150.00	
09/01/2034	200,000	3.950%	8,150.00	208,150.00	208,150.00	216,300.00
03/01/2035			4,200.00	4,200.00	4,200.00	
09/01/2035	210,000	4.000%	4,200.00	214,200.00	214,200.00	218,400.00
	3,000,000		1,342,773.75	4,342,773.75	4,342,773.75	4,342,773.75

BOND SUMMARY STATISTICS

City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (20 Years)
 -Preliminary, BQ, 'A' Rated-

Dated Date	04/01/2015
Delivery Date	04/01/2015
Last Maturity	09/01/2035
Arbitrage Yield	3.343727%
True Interest Cost (TIC)	3.386669%
Net Interest Cost (NIC)	3.471926%
All-In TIC	3.646562%
Average Coupon	3.681354%
Average Life (years)	12.158
Weighted Average Maturity (years)	12.101
Duration of Issue (years)	9.706
Par Amount	3,000,000.00
Bond Proceeds	3,076,388.90
Total Interest	1,342,773.75
Net Interest	1,266,384.85
Bond Years from Dated Date	36,475,000.00
Bond Years from Delivery Date	36,475,000.00
Total Debt Service	4,342,773.75
Maximum Annual Debt Service	221,455.00
Average Annual Debt Service	212,707.29
Underwriter's Fees (per \$1000)	
Average Takedown	
Other Fee	
Total Underwriter's Discount	
Bid Price	102.546297

Bond Component	Par Value	Price	Average Coupon	Average Life
Serial Bond	3,000,000.00	102.546	3.681%	12.158
	3,000,000.00			12.158

	TIC	All-In TIC	Arbitrage Yield
Par Value	3,000,000.00	3,000,000.00	3,000,000.00
+ Accrued Interest			
+ Premium (Discount)	76,388.90	76,388.90	76,388.90
- Underwriter's Discount			
- Cost of Issuance Expense		-75,000.00	
- Other Amounts			
Target Value	3,076,388.90	3,001,388.90	3,076,388.90
Target Date	04/01/2015	04/01/2015	04/01/2015
Yield	3.386669%	3.646562%	3.343727%

BOND PRICING
 City of Beloit, Kansas
 General Obligation Bonds
 Series 2015 (20 Years)
 -Preliminary, BQ, 'A' Rated-

Bond Component	Maturity Date	Amount	Rate	Yield	Price	Yield to Maturity	Call Date	Call Price	Premium (-Discount)	Principal Cost
Serial Bond:										
	09/01/2016	70,000	2.000%	1.150%	101.190				833.00	70,833.00
	09/01/2017	115,000	2.000%	1.400%	101.420				1,633.00	116,633.00
	09/01/2018	115,000	3.000%	1.600%	104.636				5,331.40	120,331.40
	09/01/2019	125,000	3.000%	1.850%	104.854				6,067.50	131,067.50
	09/01/2020	125,000	3.000%	2.050%	104.845				6,056.25	131,056.25
	09/01/2021	125,000	3.000%	2.300%	104.152				5,190.00	130,190.00
	09/01/2022	135,000	3.000%	2.500%	103.364				4,541.40	139,541.40
	09/01/2023	135,000	3.000%	2.750%	101.865				2,517.75	137,517.75
	09/01/2024	140,000	3.000%	2.850%	101.229				1,720.60	141,720.60
	09/01/2025	145,000	3.250%	2.950%	102.449 C	2.975%	09/01/2024	100.000	3,551.05	148,551.05
	09/01/2026	150,000	3.500%	3.050%	103.657 C	3.117%	09/01/2024	100.000	5,485.50	155,485.50
	09/01/2027	155,000	3.750%	3.150%	104.854 C	3.271%	09/01/2024	100.000	7,523.70	162,523.70
	09/01/2028	160,000	4.000%	3.250%	106.040 C	3.434%	09/01/2024	100.000	9,664.00	169,664.00
	09/01/2029	165,000	4.000%	3.350%	105.210 C	3.535%	09/01/2024	100.000	8,596.50	173,596.50
	09/01/2030	175,000	4.000%	3.450%	104.387 C	3.626%	09/01/2024	100.000	7,677.25	182,677.25
	09/01/2031	180,000	3.550%	3.550%	100.000					180,000.00
	09/01/2032	185,000	3.800%	3.800%	100.000					185,000.00
	09/01/2033	190,000	3.900%	3.900%	100.000					190,000.00
	09/01/2034	200,000	3.950%	3.950%	100.000					200,000.00
	09/01/2035	210,000	4.000%	4.000%	100.000					210,000.00
		3,000,000							76,388.90	3,076,388.90

Dated Date	04/01/2015	
Delivery Date	04/01/2015	
First Coupon	03/01/2016	
Par Amount	3,000,000.00	
Premium	76,388.90	
Production	3,076,388.90	102.546297%
Underwriter's Discount		
Purchase Price	3,076,388.90	102.546297%
Accrued Interest		
Net Proceeds	3,076,388.90	

