

City of Beloit  
119 North Hersey Avenue  
Beloit, Kansas 67420  
785-738-3551  
785-738-2517 (fax)



[www.beloitks.org](http://www.beloitks.org)

## **NOTICE OF SPECIAL MEETING**

To: Governing Body of the City of Beloit, citizens of Beloit, Kansas, and all other interested persons.

There will be a special meeting of the Governing Body of the City of Beloit, Kansas, on Thursday June 22, 2023, at 5:30 pm at the Municipal Building, 119 N Hersey Ave in the Council Chambers, Beloit, KS 67420.

The purpose of the meeting is:

### **A. Purchase of a Transformer**

Dated: June 22, 2023

Tom Naasz, Mayor  
City of Beloit

Zoom invitation for meeting

Amanda Lomax is inviting you to a scheduled Zoom meeting.

Topic: My Meeting

Time: Jun 22, 2023 05:30 PM Central Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/85876352190>

Meeting ID: 858 7635 2190

Passcode: 582446

---

One tap mobile

+12532050468,,85876352190#,,,,\*582446# US

+12532158782,,85876352190#,,,,\*582446# US (Tacoma)

---

Dial by your location

- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 669 444 9171 US
- +1 669 900 9128 US (San Jose)
- +1 719 359 4580 US
- +1 646 931 3860 US
- +1 689 278 1000 US
- +1 301 715 8592 US (Washington DC)
- +1 305 224 1968 US
- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 646 558 8656 US (New York)

Meeting ID: 858 7635 2190

Passcode: 582446

Find your local number: <https://us02web.zoom.us/u/kb79ON06XV>

## Mandy Lomax

---

**From:** Beloit Systems <beloitsystems@nckcn.com>  
**Sent:** Thursday, June 22, 2023 10:46 AM  
**To:** Mandy Lomax  
**Subject:** FW: Price and Availability  
**Attachments:** Transformer Specification Form Request Pad 3 PH 750-12470-120-208.xls; Transformer Specification Form Request Pad 3 PH 500-12470-120-208.xls

This is all I have from Wesco.

Eve

---

**From:** Ulven, Connor <CUlven@wescodist.com>  
**Sent:** Monday, June 19, 2023 7:41 AM  
**To:** beloitsystems@nckcn.com  
**Cc:** Myers, Michael <MMyers@wescodist.com>  
**Subject:** RE: Price and Availability

Good morning,

Below is your quote for the attached transformers and specs below as well.

Qty 1  
500KVA  
Price \$58,040  
Lead time 101-103 weeks

Qty 1  
750KVA  
Price \$112,491.77  
Lead time 149-151 weeks

We do have 1 in stock for the 500KVA if you are needing a transformer sooner than the lead time that is above. The price on that would be \$46,800.

**SPECS** are below

### **500KVA**

ITEM	QTY	kVA	EACH (USD)	NL	LL	Conductor	%Z
1	1	500	49,334	633 @ 85	4063 @ 85	Cu/Cu	4.91

Quoted loss values are subjected to ANSI Test Tolerances.

#### **Description:**

**Type** : Liquid-Filled MTR Padmounted Transformer  
**Fluid** : Mineral Oil  
**Core** : Grain Oriented Steel  
**Phase** : 3 Phase

<b>Frequency</b>	: 60 Hz
<b>Average Winding Rise</b>	: 65 °C
<b>Ambient Temperature</b>	: 30 °C
<b>High Voltage</b>	: 12470 Delta
<b>High Voltage Taps</b>	: +2 -2 2.5%
<b>High Voltage BIL</b>	: 95kV BIL
<b>Low Voltage</b>	: 208Y/120
<b>Low Voltage BIL</b>	: 30kV BIL
<b>Low Voltage Neutral</b>	: X0 bushing with ground strap
<b>Feed Configuration</b>	: Loop feed
<b>Color</b>	: Bell 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 15 kV (dead front) x 6
- ANSI C57.12.34 Fig 9&11 HV bushing pattern (minimum)
- 200 amp HV bushing wells x 6
- 10-hole NEMA spade terminals x 4
- Spade Supports
- ANSI C57.12.26 Fig 3&4a minimum stgrd LV bushing pattern

**FUSES**

- Fused bayonet with isolation link x 3

**SWITCHES**

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

**MONITORING**

- Standard Thermometer w/max temp indicator Qualitrol 151-100-01 p/n 1C07799H01
- Liquid level Gauge Q 020-555-01 2B12840H01
- Pressure Relief Valve

**FITTINGS**

- Drain valve and sampler

**OTHER**

- 9.5" x 17.5" Tank Handhole Cover
- Mineral oil with inhibitor
- 24" deep cabinet
- DOE Efficiency (2016)

**Lead Times:**

Drawing Submittal : 4-6 Weeks after receipt of order. after receipt of order.

Orders requiring drawing approval (i.e. Approval orders): The shipping date from our Jefferson City Factory will be confirmed after we receive approved drawings back from the customer.

Orders NOT requiring drawing approvals (i.e. Firm Orders): 101-103 Weeks after the acceptance of order.

Quoted lead times are based on current production levels. Actual lead times are dependent on available production space at time of firm order entry and/or release to manufacturing.

**750KVA**

ITEM	QTY	kVA	EACH (USD)	NL	LL	Conductor	%Z
2	1	750	95,618	883 @ 85	5653 @ 85	Cu/Cu	5.74

Quoted loss values are subjected to ANSI Test Tolerances.

**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** : 12470 Delta
- High Voltage Taps** : +2 -2 2.5%
- High Voltage BIL** : 95kV BIL
- Low Voltage** : 208Y/120
- Low Voltage BIL** : 30kV BIL
- Low Voltage Neutral** : X0 bushing with ground strap
- Feed Configuration** : Loop feed
- Color** : Bell 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 15 kV (dead front) x 6
- ANSI C57.12.34 Fig 9&11 HV bushing pattern (minimum)
- 200 amp HV bushing wells x 6
- 10-hole NEMA spade terminals x 4
- Spade Supports
- ANSI C57.12.26 Fig 3&4a minimum stgrd LV bushing pattern

**FUSES**

- Fused bayonet with isolation link x 3

**SWITCHES**

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

**MONITORING**

- Standard Thermometer w/max temp indicator Qualitrol 151-100-01 p/n 1C07799H01
- Liquid level Gauge Q 020-555-01 2B12840H01
- Pressure Relief Valve

**FITTINGS**

- Drain valve and sampler

**OTHER**

- 9.5" x 17.5" Tank Handhole Cover
- Mineral oil with inhibitor
- 24" deep cabinet
- DOE Efficiency (2016)

**Lead Times:**

Drawing Submittal : 4-6 Weeks after receipt of order. after receipt of order.

Orders requiring drawing approval (i.e. Approval orders): The shipping date from our Jefferson City Factory will be confirmed after we receive approved drawings back from the customer.

Orders NOT requiring drawing approvals (i.e. Firm Orders): 149-151 Weeks after the acceptance of order.

Quoted lead times are based on current production levels. Actual lead times are dependent on available production space at time of firm order entry and/or release to manufacturing.

Thank you,



**Connor Ulven**

Account Representative

**Wesco**

M. 712-301-3628 | [culven@wesco.com](mailto:culven@wesco.com)

2301 Fleur Drive, Des Moines, IA 50321

WESCO Terms and Conditions of Sale – [Click Here](#)

**From:** Beloit Systems <[beloitsystems@nckcn.com](mailto:beloitsystems@nckcn.com)>

**Sent:** Monday, June 12, 2023 11:55 AM

**To:** 'Briace Spires' <[BSpires@borderstates.com](mailto:BSpires@borderstates.com)>; 'Luke Racette' <[LRacette@borderstates.com](mailto:LRacette@borderstates.com)>; Rick Gaschler <[rgaschler@stanion.com](mailto:rgaschler@stanion.com)>; 'Brock Born' <[bborn@stanion.com](mailto:bborn@stanion.com)>; Ulven, Connor <[CULven@wescodist.com](mailto:CULven@wescodist.com)>; Myers, Michael <[MMyers@wescodist.com](mailto:MMyers@wescodist.com)>

**Subject:** Price and Availability

**This Message Is From an External Sender**

This message came from outside your organization.

Attached are two transformer bid specification sheets. Let me know if you have any questions.

Thank you!

Eve Weidenhaft

Systems Operations

City of Beloit

785-738-3781