



# East Grand Forks Water & Light Department

*Life Connected Since 1909*

## **Water & Light Commission Meeting Agenda** March 3, 2021 8:00 a.m., Remote Session

1. Call meeting to order
2. Approve minutes from previous meeting – February 17, 2021
3. Bills and payroll
4. Comments from the public
5. Reports
  - a. Widseth Smith Nolting
    - i. Todd
    - ii. Steve or Dustin
  - b. City Attorney
6. Old Business
  - a. Utility Billing Discussion
7. 2021 Electrical Equipment & Materials - Award Bid
8. Catfish Days Hydrant & Water Usage
9. Department Heads
10. Commissioner's reports
11. Adjourn to March 17, 2021 at 8:00 a.m.

Individuals with disabilities, language barriers or other needs who plan to attend the meeting and will need special accommodations should contact Nancy Ellis, ADA Coordinator at (218)-773-2208. Please contact us at least 48 hours before the meeting to give our staff adequate time to make arrangements. Also, materials can be provided in alternative formats for people with disabilities or with limited English proficiency (LEP) by contacting the ADA Coordinator (218)-773-2208 five (5) days prior to the meeting.

Minutes of the regular meeting of the Water, Light, Power and Building Commission of the City of East Grand Forks, Minnesota on February 17, 2021 at 8:00 a.m held remotely due to the COVID 19 virus pandemic and pursuant to MN Statutes 13D.02, 13D.021 and 13D.04.

Present: Grinde, Beauchamp, Quirk, DeMers

Absent: None

Also present: Keith Mykleseth, Ron Galstad, Brian Johnson, Jeff Olson, Steve Emery, Todd Forster, Brianna Feil, Kevin Hatcher, Corey Thompson, and Karla Anderson.

It was moved by Commissioner Quirk seconded by Commissioner Beauchamp that the minutes of the previous regular meeting of February 3, 2021, be approved as read.

Voting Aye: Grinde, Beauchamp, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Beauchamp seconded by Commissioner Quirk to authorize the Secretary to issue payment of the recommended bills and payroll in the amount of \$1,273,287.10.

Voting Aye: Grinde, Beauchamp, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Beauchamp seconded by Commissioner Quirk to approve awarding the bid for the 2021 Water Main Replacement Project to Taggart Contracting Inc in the amount of \$517,428.50.

Voting Aye: Grinde, Beauchamp, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Quirk seconded by Commissioner Beauchamp to approve the 2020 Accounts for Charge off.

Voting Aye: Grinde, Beauchamp, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Beauchamp seconded by Commissioner Quirk to approve the updates as presented for the Distributed Energy Resource Interconnection Process Filing; instruct staff to update the files; and staff to publish that the Water & Light is obligated to interconnect with and purchase electricity from co-generators and small power producers.

Voting Aye: Grinde, Beauchamp, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Quirk seconded by Commissioner Beauchamp to adjourn at 9:01 a.m. to the next regular meeting on March 3, 2021 at 8:00 am to be held remotely due to the COVID 19 virus pandemic and pursuant to MN Statutes 13D.02, 13D.021 and 13D.04.

Voting Aye: Grinde, Beauchamp, Quirk, DeMers

Voting Nay: None

Lori Maloney  
Commission Secretary

# Accounts Payable

## Check Register Totals Only

User: khatcher  
 Printed: 3/1/2021 - 2:44 PM



# City of East Grand Forks

P. O. Box 373  
 East Grand Forks, MN 56721  
 (218) 773-2483

Check	Date	Vendor No	Vendor Name	Amount	Voucher
516490	03/03/2021	ACM502	Acme Electric Companies	978.37	0
516491	03/03/2021	ADV501	Advanced Business Methods	69.07	0
516492	03/03/2021	UB*01180	Ismail Ahmed	57.48	0
516493	03/03/2021	ARA500	Aramark	194.32	0
516494	03/03/2021	BAT501	Batteries + Bulbs	141.44	0
516495	03/03/2021	BER502	Bert's Truck Equipment Inc	1,200.00	0
516496	03/03/2021	BOR501	Border States Electric Supply	447.03	0
516497	03/03/2021	HOM502	Henry Borysewicz	600.00	0
516498	03/03/2021	UB*01177	Ian P Brenk	167.50	0
516499	03/03/2021	CEN501	CenturyLink	59.63	0
516500	03/03/2021	UB*01175	Trey S Cochran	165.08	0
516501	03/03/2021	COM505	Complete Pest Control Inc	200.00	0
516502	03/03/2021	DAK502	Dakota Supply Group	435.87	0
516503	03/03/2021	DIA501	Diamond Cleaning Supply	70.00	0
516504	03/03/2021	DIG501	Digi Key Corp 590699	31.50	0
516505	03/03/2021	EAG560	Eagles Club #350	1,010.00	0
516506	03/03/2021	EGF501	EGF City	116,370.56	0
516507	03/03/2021	EXP501	Exponent	1,070.74	0
516508	03/03/2021	FMF501	FM Forklift Sales & Service Inc	127.08	0
516509	03/03/2021	UB*01176	Evan J Freeman	125.84	0
516510	03/03/2021	FRO501	Frontier Energy Inc	2,583.00	0
516511	03/03/2021	GFT501	GF Thur-O-Clean	1,530.29	0
516512	03/03/2021	GLO501	Global Safety Network Inc	78.00	0
516513	03/03/2021	GRE503	Greater Grand Forks Young Professor	500.00	0
516514	03/03/2021	HAL500	Halstad Telephone Company	1,463.92	0
516515	03/03/2021	HAW501	Hawkins Inc	1,294.32	0
516516	03/03/2021	HOM501	Home of Economy	175.00	0
516517	03/03/2021	IHM500	iHeartMedia	549.00	0
516518	03/03/2021	UB*01178	Asha Jama	24.39	0
516519	03/03/2021	UB*01182	Kareem Joseph	90.12	0
516520	03/03/2021	LAK501	Lake Aggasiz Water Authority	2,000.00	0
516521	03/03/2021	LUK560	Robert Lukkason	400.00	0
516522	03/03/2021	MND509	MN Dept of Public Safety	175.00	0
516523	03/03/2021	NOR507	Northdale Oil	1,132.71	0
516524	03/03/2021	ORE501	O'Reilly Auto Parts	35.31	0
516525	03/03/2021	UB*01179	Mohamed Osman	30.42	0
516526	03/03/2021	POW501	Power Equipment Shop	54.06	0
516527	03/03/2021	UB*01181	Alex Rogness	46.70	0
516528	03/03/2021	TOS502	Toshiba Financial Services	297.71	0
516529	03/03/2021	USB502	US Bank Corporate Payment Systems	2,772.12	0
516530	03/03/2021	VER500	Verizon Wireless	313.92	0
516531	03/03/2021	WAT501	Water & Light Department	18,251.94	0
516532	03/03/2021	WAP500	Western Area Power Administration	164,197.04	0
516533	03/03/2021	WID501	Widseth Smith Nolting & Assoc Inc	56,057.87	0
516534	03/03/2021	XCE501	Xcel Energy	3,226.09	0
				Check Total:	380,800.44

### Transaction Detail - Summary

Trans Date	Posting Date	MCCG Code	MCC	Merchant Category Description	Merchant Name	Merchant State/Province	Taxpayer ID Number (TIN)	Trans Amount	Posting Type	Purchase ID	Trans Status	Disputed Status
Name: BRIANNA M FEIL Account Number: **8731 Optional 1: Optional 2: Lost/Stolen Account: Replacement Account: Billing Type: Centrally Billed Account												
<a href="#">02/02/2021</a>	02/03/2021	240500	5992	FLORISTS	EAST GRAND FLORAL	MN		\$ 88.91	<a href="#">Memo</a>	opsntsdrj47ve	Not Reviewed	No
Name: TODD GRABANSKI Account Number: **6344 Optional 1: Optional 2: Lost/Stolen Account: Replacement Account: Billing Type: Centrally Billed Account												
<a href="#">01/26/2021</a>	01/28/2021	240500	7216	DRY CLEANERS	C & R CLEANERS - NORTH	ND	450320057	10.00	<a href="#">Memo</a>		Not Reviewed	No
<a href="#">02/16/2021</a>	02/17/2021	240506	5533	AUTOMOTIVE PARTS,ACCESSO	AUTO VALUE GRAND FORKS	ND		265.98	<a href="#">Memo</a>	4202483	Not Reviewed	No
Name: KRIS KOVAR Account Number: **9796 Optional 1: CITY OF EGF Optional 2: Lost/Stolen Account: Replacement Account: Billing Type: Centrally Billed Account												
<a href="#">02/01/2021</a>	02/02/2021	240500	5732	ELECTRONICS STORES	BEST BUY	ND	411822872	21.44	<a href="#">Memo</a>	0000000000000000	Not Reviewed	No
<a href="#">02/19/2021</a>	02/22/2021	240499	5942	BOOK STORES	AMZN MKTP US*9U31Q8DK3	WA		51.36	<a href="#">Memo</a>	112-6446038-09762	Not Reviewed	No
Name: JEFF OLSON Account Number: **9754 Optional 1: Optional 2: Lost/Stolen Account: Replacement Account: Billing Type: Centrally Billed Account												
<a href="#">02/16/2021</a>	02/17/2021	240500	5732	ELECTRONICS STORES	BATTERIES PLUS - #0024	ND	911772624	56.99	<a href="#">Memo</a>	37202293	Not Reviewed	No
<a href="#">02/17/2021</a>	02/18/2021	240507	5046	WHOLESALE COMMERCIAL	TENNANT COMPANY	MN		65.78	<a href="#">Memo</a>	02124407	Not Reviewed	No
Name: RAY RAKOCZY Account Number: **5668 Optional 1: Optional 2: Lost/Stolen Account: Replacement Account: Billing Type: Centrally Billed Account												
<a href="#">01/27/2021</a>	01/28/2021	240491	8999	PROFESSIONAL SERVICES	SQ *INTEGRITY SHIPPING &	ND	800429876	13.39	<a href="#">Memo</a>	00011529215098257	Not Reviewed	No
<a href="#">02/03/2021</a>	02/04/2021	240491	8999	PROFESSIONAL SERVICES	SQ *INTEGRITY SHIPPING &	ND	800429876	12.53	<a href="#">Memo</a>	00011529215098425	Not Reviewed	No
<a href="#">02/17/2021</a>	02/19/2021	240507	5172	WHOLESALE PETROLEUM/	ORCHARD OIL	ND	450386829	294.50	<a href="#">Memo</a>	201286	Not Reviewed	No

### Transaction Detail - Summary

Trans Date	Posting Date	MCCG Code	MCC	Merchant Category Code Description	Merchant Name	Merchant State/Province	Taxpayer ID Number (TIN)	Trans Amount	Posting Type	Purchase ID	Trans Status	Disputed Status
<b>Name: MAREN SWINGEN Account Number: **9812 Optional 1: Optional 2: Lost/Stolen Account: Replacement Account: Billing Type: Centrally Billed Account</b>												
<a href="#">01/25/2021</a>	01/27/2021	240500	7216	DRY CLEANERS	C & R CLEANERS - NORTH	ND	450320057	\$ 30.90	<a href="#">Memo</a>		Not Reviewed	No
<a href="#">01/26/2021</a>	01/27/2021	240506	5533	AUTOMOTIVE PARTS,ACCESSO	O'REILLY AUTO PARTS 1510	MN	860221312	6.42	<a href="#">Memo</a>	202101104242	Not Reviewed	No
<a href="#">01/26/2021</a>	01/27/2021	240507	5261	LAWN & GARDEN SUPPLY	WILBUR ELLIS GRAND FORKS	ND	940981840	23.41	<a href="#">Memo</a>	2151089	Not Reviewed	No
<a href="#">01/27/2021</a>	01/28/2021	240499	5942	BOOK STORES	AMZN MKTP US*NK22B4D53	WA	911646860	18.00	<a href="#">Memo</a>	111-9362565-64474	Not Reviewed	No
<a href="#">01/28/2021</a>	01/28/2021	240499	5942	BOOK STORES	AMZN MKTP US*0H9595V33	WA	911646860	73.05	<a href="#">Memo</a>	111-0168188-21490	Not Reviewed	No
<a href="#">01/29/2021</a>	01/29/2021	240499	5942	BOOK STORES	AMZN MKTP US*DV5771HQ3	WA	911646860	42.84	<a href="#">Memo</a>	111-5527807-93090	Not Reviewed	No
<a href="#">02/02/2021</a>	02/03/2021	240507	5085	WHOLESALE INDUST SUPP	FASTENAL COMPANY 01NDGRA	ND	410948415	12.82	<a href="#">Memo</a>	NDGRA247847	Not Reviewed	No

<b>Name: COREY THOMPSON Account Number: **9747 Optional 1: Optional 2: Lost/Stolen Account: Replacement Account: Billing Type: Centrally Billed Account</b>												
<a href="#">01/22/2021</a>	01/25/2021	240498	7372	COMPUTER AND DATA PROCESS	HOVER	MS	721341588	52.26	<a href="#">Memo</a>	49222975	Not Reviewed	No
<a href="#">01/27/2021</a>	01/28/2021	240507	5399	MISCELLANEOUS GENERAL MER	IT CREATIONS, INC	CA	271957149	46.87	<a href="#">Memo</a>	CTHOMPSON@EGF.M N	Not Reviewed	No
<a href="#">02/03/2021</a>	02/04/2021	240498	7399	BUSINESS SERVICES -OTHER	AMAZON WEB SERVICES	WA	204938068	3.50	<a href="#">Memo</a>	355239423	Not Reviewed	No
<a href="#">02/05/2021</a>	02/08/2021	240500	5732	ELECTRONICS STORES	BEST BUY	ND	411822872	42.89	<a href="#">Memo</a>	0000000000000000	Not Reviewed	No
<a href="#">02/09/2021</a>	02/09/2021	240499	5942	BOOK STORES	AMZN MKTP US*8Z8P20VG3	WA	911646860	62.41	<a href="#">Memo</a>	114-0395511-56202	Not Reviewed	No
<a href="#">02/09/2021</a>	02/10/2021	240491	4814	TELECOM SVC/CRED CRD CALL	ZOOM.US 888-799-9666	CA	611648780	16.06	<a href="#">Memo</a>	90514676	Not Reviewed	No
<a href="#">02/10/2021</a>	02/11/2021	240499	5734	COMPUTER SOFTWARE STORES	SHODAN	TX		49.00	<a href="#">Memo</a>	opsntv5zu6h	Not Reviewed	No

### Transaction Detail - Summary

Trans Date	Posting Date	MCCG Code	MCC	Merchant Category Description	Merchant Name	Merchant State/Province	Taxpayer ID Number (TIN)	Trans Amount	Posting Type	Purchase ID	Trans Status	Disputed Status
<a href="#">02/18/2021</a>	02/19/2021	240499	5734	COMPUTER SOFTWARE STORES	SP * NETGATE	TX	392078979	\$1,410.81	<a href="#">Memo</a>	31170561	Not Reviewed	No
<b>Total</b>												
<b>Total Number of Records:</b>											25	
<b>Total</b>											\$2,772.12	

End of Report

## Rebates 3-3-21

Commercial Lighting Replacement	Bert's Truck Equipment - 240 LED Tubes	\$ 1,200.00
Commercial Lighting Replacement	Eagles Club - 17 LED fixtures	\$ 1,010.00
Dishwasher	Upham	\$ 50.00
Dishwasher	Hajicek	\$ 50.00
ECM	Olson	\$ 150.00
EI Water Heater	O'Leary	\$ 50.00
Refrigerator & Recycle	Rarick	\$ 125.00
Residential LED	Robert Lukkason	\$ 400.00
	<b>Total</b>	<b>\$ 3,035.00</b>

# Request for W&L Commission Action

Date: February 24, 2021

To: East Grand Forks Water & Light Commissioners; Keith Mykleseth, General Manager

From: Todd Forster, Widseth, Inc.

RE: Material recommendations for the 2021 Electrical Equipment and Materials bid

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## Background:

Bids for the 2021 Electrical Equipment and Materials were opened on February 18, 2021 at 2:30 pm CST. A total of six (6) bids were received. Those bidders included: Border States Electric; Stuart C. Irby Company; Dakota Supply Group; Rural Electric Supply Cooperative; WEG Transformers USA; and WESCO Distribution. An electronic copy of the completed material bid evaluation tabulation is included with this request for action. The thirty (30) bid items are recommended to be split between four (4) of the six (6) suppliers. Recommended total bid award is \$69,757.34. Engineer's cost estimate for these materials was \$74,223.00.

## Recommendation:

Approval and award of 2021 Electrical Equipment and Materials bids to the lowest evaluated bidder meeting the Specifications as recommended by the Engineer, Widseth, Inc.



**TABULATION OF RECOMMENDATIONS  
FOR  
ELECTRICAL EQUIPMENT AND MATERIALS  
FOR  
WATER, LIGHT, POWER & BUILDING COMMISSION  
EAST GRAND FORKS, MINNESOTA**

**BID DATE: FEBRUARY 18, 2021  
WSN PROJECT NO. 2020-11974**

REVISED: 2/24/2021

Item No.	Supplier	Manufacturer	Item Description	Qty	UOM	Unit Price	Extended Unit Price
1	RESCO	SOUTHWIRE	4/0-4/0-2/0 AWG AL. TYPE USE-2 T-PLEX	4,000	ft.	\$1.298	\$5,192.00
2	BSE	ENCORE	1/0-1/0-2 AWG AL. TYPE USE-2 T-PLEX	1,000	ft.	\$0.780	\$780.00
3	BSE	ENCORE	6-6-6 AWG AL. TYPE USE-2 T-PLEX	1,000	ft.	\$0.455	\$455.00
4	WESCO	EXPRESS	#4 BARE COPPER CONDUCTOR	800	ft.	\$0.565	\$452.00
5	WESCO	REPUBLIC	12/2 NM-B COPPER CONDUCTOR	8,000	ft.	\$0.33600	\$2,688.00
6	BSE	ENCORE	#12 GA. CU. 600V HMWPE RED TRACER WIRE	2,500	ft.	\$0.191	\$477.50
7	BSE	COOPER	600A, 15kV, NON-LB ELBOW w/200A TAP - 4/0 AL. 220MIL	6	ea.	\$296.00	\$1,776.00
8	WESCO	ELASTIMOLD	200A, 15kV, LB ELBOW - 1/0 AL. 220MIL	12	ea.	\$24.68	\$296.16
9	BSE	3M	CABLE ASSEMBLY SEAL KIT (4/0 & 1/0 AWG URD)	20	ea.	\$9.50	\$190.00
10	BSE	COOPER	200A, 15kV, INSULATED PROTECTIVE CAP	30	ea.	\$20.60	\$618.00
11	WESCO	MACLEAN	10kV ELBOW DISTRIBUTION ARRESTER	12	ea.	\$56.71	\$680.52
12	RESCO	ERMCO	1PH, 15kVA, PDMTD 240/120V	1	ea.	\$1,502.00	\$1,502.00
13	RESCO	ERMCO	3PH, 45kVA, PDMTD 277Y/480V	1	ea.	\$6,303.00	\$6,303.00
14	RESCO	ERMCO	3PH, 75kVA, PDMTD 120Y/208V	1	ea.	\$6,476.00	\$6,476.00
15	RESCO	ERMCO	3PH, 150kVA, PDMTD 120Y/208V	1	ea.	\$8,186.00	\$8,186.00
16	RESCO	ERMCO	3PH, 225kVA, PDMTD 120Y/208V	1	ea.	\$8,725.00	\$8,725.00
17	RESCO	ERMCO	3PH, 225kVA, PDMTD 277Y/480V	1	ea.	\$8,789.00	\$8,789.00
18	RESCO	ERMCO	3PH, 300kVA, PDMTD 120Y/208V	1	ea.	\$10,030.00	\$10,030.00
19	BSE	CARLON	CONDUIT ELBOW, 2" SCH 40, 90°	12	ea.	\$7.64	\$91.68
20	BSE	CARLON	CONDUIT ELBOW, 4" SCH 40, 90°	6	ea.	\$31.70	\$190.20
21	BSE	CARLON	CONDUIT END BELL, 2" SCH 40 PVC	20	ea.	\$3.17	\$63.40
22	BSE	CARLON	CONDUIT END BELL, 4" SCH 40 PVC	10	ea.	\$4.40	\$44.00
23	BSE	CARLON	CONDUIT COUPLING, 4" SCH 40 PVC	10	ea.	\$18.45	\$184.50
24	WESCO	ERICO	5/8" x 10' GROUND ROD	10	ea.	\$14.32	\$143.20
25	BSE	NEPTCO	DETECTABLE MULE TAPE	6,000	ft.	\$0.08900	\$534.00
26	IRBY	PENN UNION	SPLIT BOLT CONNECTOR - #14 TO #2 TAP, #6 TO #2 RUN	50	ea.	\$1.45	\$72.50
27	IRBY	PENN UNION	SPLIT BOLT CONNECTOR - #14 TO 1/0 TAP, #4 TO 1/0 RUN	50	ea.	\$1.74	\$87.00
28	IRBY	PENN UNION	SPLIT BOLT CONNECTOR - #14 TO 2/0 TAP, #2 TO 2/0 RUN	50	ea.	\$2.40	\$120.00
29	WESCO	BLACKBURN	WARNING TAPE, RED	4,000	ft.	\$0.04267	\$170.68
30	BSE	MILBANK	1-PHASE METER SOCKET, 200 AMP	40	ea.	\$111.00	\$4,440.00

**TOTAL: \$69,757.34**

BSE CONTRACT TOTAL: \$9,844.28  
 IRBY CONTRACT TOTAL: \$279.50  
 DSG CONTRACT TOTAL: \$0.00  
 RESCO CONTRACT TOTAL: \$55,203.00  
 WESCO CONTRACT TOTAL: \$4,430.56  
 WEG CONTRACT TOTAL: \$0.00  
**TOTAL: \$69,757.34**

**BID TABULATION  
UNDERGROUND POWER & COMMUNICATION CABLE  
FOR  
WATER, LIGHT, POWER & BUILDING COMMISSION  
EAST GRAND FORKS, MINNESOTA**

**BID DATE: FEBRUARY 18, 2021  
WSN PROJECT NO. 2020-11974**

BID AWARDED TO

REVISED: 2/24/2021

Supplier	Manufacturer	Item No.	Item Description	Qty /M'	Unit Price /M'	Extended Base Price	Metals Price Index				Evaluated Unit Price	Extended Evaluated Price	Delivery Schedule	Remarks
							Copper/#		Aluminum/#					
							Bid	Base	Bid	Base				
RESKO	SOUTHWIRE	1	4/0-4/0-2/0 AWG AL. TYPE USE-2 T-PLEX	4.0	\$1,298.00	\$5,192.00					\$1,298.00	\$5,192.00	STOCK	2
WESCO	CME	1	4/0-4/0-2/0 AWG AL. TYPE USE-2 T-PLEX	4.0	\$1,325.00	\$5,300.00					\$1,325.00	\$5,300.00	6-8 WKS	2
DSG	KING WIRE	1	4/0-4/0-2/0 AWG AL. TYPE USE-2 T-PLEX	4.0	\$1,338.35	\$5,353.38					\$1,338.35	\$5,353.38	STOCK	2
IRBY	SOUTHWIRE	1	4/0-4/0-2/0 AWG AL. TYPE USE-2 T-PLEX	4.0	\$1,350.00	\$5,400.00					\$1,350.00	\$5,400.00	STOCK	2
BSE	ENCORE	1	4/0-4/0-2/0 AWG AL. TYPE USE-2 T-PLEX	4.0	\$1,511.00	\$6,044.00	\$3.8000	\$3.8000	\$1.0900	\$1.0900	\$1,511.00	\$6,044.00	STOCK	
BSE	ENCORE	2	1/0-1/0-2 AWG AL. TYPE USE-2 T-PLEX	1.0	\$780.00	\$780.00	\$3.8000	\$3.8000	\$1.0900	\$1.0900	\$780.00	\$780.00	STOCK	
DSG	KING WIRE	2	1/0-1/0-2 AWG AL. TYPE USE-2 T-PLEX	1.0	\$828.73	\$828.73					\$828.73	\$828.73	STOCK	2
RESKO	SOUTHWIRE	2	1/0-1/0-2 AWG AL. TYPE USE-2 T-PLEX	1.0	\$838.00	\$838.00					\$838.00	\$838.00	STOCK	2
WESCO	CME	2	1/0-1/0-2 AWG AL. TYPE USE-2 T-PLEX	1.0	\$858.00	\$858.00					\$858.00	\$858.00	STOCK	2
IRBY	SOUTHWIRE	2	1/0-1/0-2 AWG AL. TYPE USE-2 T-PLEX	1.0	\$890.00	\$890.00					\$890.00	\$890.00	STOCK	2
BSE	ENCORE	3	6-6-6 AWG AL. TYPE USE-2 T-PLEX	1.0	\$455.00	\$455.00	\$3.8000	\$3.8000	\$1.0900	\$1.0900	\$455.00	\$455.00	STOCK	
DSG	KING WIRE	3	6-6-6 AWG AL. TYPE USE-2 T-PLEX	1.0	\$469.74	\$469.74					\$469.74	\$469.74	STOCK	2
IRBY	SOUTHWIRE	3	6-6-6 AWG AL. TYPE USE-2 T-PLEX	1.0	\$520.00	\$520.00					\$520.00	\$520.00	STOCK	2
WESCO	CME	3	6-6-6 AWG AL. TYPE USE-2 T-PLEX	1.0	\$536.00	\$536.00					\$536.00	\$536.00	STOCK	2
WESCO	EXPRESS	4	#4 BARE COPPER CONDUCTOR	0.8	\$565.00	\$452.00					\$565.00	\$452.00	STOCK	2
RESKO	SERVICE WIRE	4	#4 BARE COPPER CONDUCTOR	0.8	\$660.00	\$528.00					\$660.00	\$528.00	STOCK	1,2
DSG	CERRO WIRE	4	#4 BARE COPPER CONDUCTOR	0.8	\$728.72	\$582.97					\$728.72	\$582.97	STOCK	2
IRBY	ALAN WIRE	4	#4 BARE COPPER CONDUCTOR	0.8	\$780.00	\$624.00					\$780.00	\$624.00	STOCK	2
BSE	ENCORE	4	#4 BARE COPPER CONDUCTOR	0.8	\$799.00	\$639.20	\$3.8000	\$3.8000	\$1.0900	\$1.0900	\$799.00	\$639.20	STOCK	
WESCO	REPUBLIC WIRE	5	12/2 NM-B COPPER CONDUCTOR	8.0	\$336.00	\$2,688.00					\$336.00	\$2,688.00	1 WK	2
DSG	CERRO WIRE	5	12/2 NM-B COPPER CONDUCTOR	8.0	\$343.83	\$2,750.62					\$343.83	\$2,750.62	STOCK	2
BSE	ENCORE	5	12/2 NM-B COPPER CONDUCTOR	8.0	\$383.00	\$3,064.00	\$3.8000	\$3.8000	\$1.0900	\$1.0900	\$383.00	\$3,064.00	STOCK	
BSE	ENCORE	6	#12 GA. CU. 600V HMWPE RED TRACER WIRE	2.5	\$191.00	\$477.50	\$3.8000	\$3.8000	\$1.0900	\$1.0900	\$191.00	\$477.50	STOCK	
WESCO	HOUSTON	6	#12 GA. CU. 600V HMWPE RED TRACER WIRE	2.5	\$292.00	\$730.00					\$292.00	\$730.00	1 WK	2

**COMMENTS**

- Bid quantity is four (4) 194 ft. reels. Four (4) 200 ft. reels were specified.
- Price bid is firm. Metal escalation does not apply.

**BID TABULATION  
MISCELLANEOUS MATERIALS  
FOR  
WATER, LIGHT, POWER & BUILDING COMMISSION  
EAST GRAND FORKS, MINNESOTA**

**BID DATE: FEBRUARY 18, 2021  
WSN PROJECT NO. 2020-11974**

[ ] BID AWARDED TO

REVISED: 2/24/2021

Supplier	Manufacturer	Item No.	Item Description	Qty	U O M	Unit Price	Extended Unit Price	Delivery Schedule	Remarks
WESCO	ABB-ELASTIMOLD	7	600A, 15kV, NON-LB ELBOW w/200A TAP - 4/0 AL. 220MIL	6	ea.	\$252.180	\$1,513.08	16-18 WKS	1
BSE	COOPER	7	600A, 15kV, NON-LB ELBOW w/200A TAP - 4/0 AL. 220MIL	6	ea.	\$296.000	\$1,776.00	STOCK	
IRBY	RICHARDS	7	600A, 15kV, NON-LB ELBOW w/200A TAP - 4/0 AL. 220MIL	6	ea.	\$306.000	\$1,836.00	STOCK	1
WESCO	ABB-ELASTIMOLD	8	200A, 15kV, LB ELBOW - 1/0 AL. 220MIL	12	ea.	\$24.680	\$296.16	STOCK	
IRBY	ABB-ELASTIMOLD	8	200A, 15kV, LB ELBOW - 1/0 AL. 220MIL	12	ea.	\$25.000	\$300.00	STOCK	
RESCO	ABB-ELASTIMOLD	8	200A, 15kV, LB ELBOW - 1/0 AL. 220MIL	12	ea.	\$26.690	\$320.28	STOCK	
BSE	COOPER	8	200A, 15kV, LB ELBOW - 1/0 AL. 220MIL	12	ea.	\$28.000	\$336.00	STOCK	
BSE	3M	9	CABLE ASSEMBLY SEAL KIT (4/0 & 1/0 AWG URD)	20	ea.	\$9.500	\$190.00	STOCK	
WESCO	3M	9	CABLE ASSEMBLY SEAL KIT (4/0 & 1/0 AWG URD)	20	ea.	\$10.720	\$214.40	STOCK	
RESCO	3M	9	CABLE ASSEMBLY SEAL KIT (4/0 & 1/0 AWG URD)	20	ea.	\$11.590	\$231.80	STOCK	
IRBY	3M	9	CABLE ASSEMBLY SEAL KIT (4/0 & 1/0 AWG URD)	20	ea.	\$16.000	\$320.00	STOCK	
BSE	COOPER	10	200A, 15kV, INSULATED PROTECTIVE CAP	30	ea.	\$20.600	\$618.00	STOCK	
RESCO	ELASTIMOLD	10	200A, 15kV, INSULATED PROTECTIVE CAP	30	ea.	\$21.080	\$632.40	STOCK	
IRBY	ABB-ELASTIMOLD	10	200A, 15kV, INSULATED PROTECTIVE CAP	30	ea.	\$22.000	\$660.00	STOCK	
WESCO	ABB-ELASTIMOLD	10	200A, 15kV, INSULATED PROTECTIVE CAP	30	ea.	\$22.610	\$678.30	STOCK	
WESCO	MACLEAN	11	10kV ELBOW DISTRIBUTION ARRESTER	12	ea.	\$56.710	\$680.52	STOCK	
IRBY	MACLEAN	11	10kV ELBOW DISTRIBUTION ARRESTER	12	ea.	\$60.600	\$727.20	STOCK	
BSE	MACLEAN	11	10kV ELBOW DISTRIBUTION ARRESTER	12	ea.	\$74.550	\$894.60	STOCK	
BSE	CARLON	19	CONDUIT ELBOW, 2" SCH 40, 90°	12	ea.	\$7.640	\$91.68	4-5 WKS	
WESCO	CARLON	19	CONDUIT ELBOW, 2" SCH 40, 90°	12	ea.	\$8.100	\$97.20	7-9 WKS	
BSE	CARLON	20	CONDUIT ELBOW, 4" SCH 40, 90°	6	ea.	\$31.700	\$190.20	4-5 WKS	
WESCO	CARLON	20	CONDUIT ELBOW, 4" SCH 40, 90°	6	ea.	\$44.210	\$265.26	3-4 WKS	
WESCO	CARLON	21	CONDUIT END BELL, 2" SCH 40 PVC	20	ea.	\$3.080	\$61.60	6-8 WKS	10
BSE	CARLON	21	CONDUIT END BELL, 2" SCH 40 PVC	20	ea.	\$3.170	\$63.40	STOCK	
DSG	CANTEX	21	CONDUIT END BELL, 2" SCH 40 PVC	20	ea.	\$13.386	\$267.72	STOCK	11
WESCO	CARLON	22	CONDUIT END BELL, 4" SCH 40 PVC	10	ea.	\$4.290	\$42.90	7-9 WKS	18
BSE	CARLON	22	CONDUIT END BELL, 4" SCH 40 PVC	10	ea.	\$4.400	\$44.00	STOCK	
DSG	CANTEX	22	CONDUIT END BELL, 4" SCH 40 PVC	10	ea.	\$35.336	\$353.36	STOCK	12

**BID TABULATION  
MISCELLANEOUS MATERIALS  
FOR  
WATER, LIGHT, POWER & BUILDING COMMISSION  
EAST GRAND FORKS, MINNESOTA**

**BID DATE: FEBRUARY 18, 2021  
WSN PROJECT NO. 2020-11974**

[ ] BID AWARDED TO

REVISED: 2/24/2021

Supplier	Manufacturer	Item No.	Item Description	Qty	U O M	Unit Price	Extended Unit Price	Delivery Schedule	Remarks
WESCO	T&B	23	CONDUIT COUPLING, 4" SCH 40 PVC	10	ea.	\$1.610	\$16.10	5-7 WKS	2,14
BSE	CARLON	23	CONDUIT COUPLING, 4" SCH 40 PVC	10	ea.	\$18.450	\$184.50	4-5 WKS	
WESCO	ERICO	24	5/8" x 10' GROUND ROD	10	ea.	\$14.320	\$143.20	STOCK	
DSG	GALVAN	24	5/8" x 10' GROUND ROD	10	ea.	\$14.440	\$144.40	STOCK	
BSE	ERICO	24	5/8" x 10' GROUND ROD	10	ea.	\$14.780	\$147.80	STOCK	
RESCO	ERICO	24	5/8" x 10' GROUND ROD	10	ea.	\$16.200	\$162.00	STOCK	
IRBY	ERICO	24	5/8" x 10' GROUND ROD	10	ea.	\$16.700	\$167.00	STOCK	
DSG	DURA-LINE	25	DETECTABLE MULE TAPE	6000	ft.	\$0.055	\$329.29	1 WK	16
BSE	NEPTCO	25	DETECTABLE MULE TAPE	6000	ft.	\$0.089	\$534.00	STOCK	15
WESCO	NEPTCO	25	DETECTABLE MULE TAPE	6000	ft.	\$0.139	\$832.00	4-6 WKS	13
IRBY	PENN UNION	26	SPLIT BOLT CONNECTOR - #14 TO #2 TAP, #6 TO #2 RUN	50	ea.	\$1.450	\$72.50	FACTORY STOCK	
WESCO	BURNDY	26	SPLIT BOLT CONNECTOR - #14 TO #2 TAP, #6 TO #2 RUN	50	ea.	\$1.510	\$75.50	2-4 WKS	
DSG	PENN UNION	26	SPLIT BOLT CONNECTOR - #14 TO #2 TAP, #6 TO #2 RUN	50	ea.	\$1.700	\$85.00	1 WK	5
BSE	BURNDY	26	SPLIT BOLT CONNECTOR - #14 TO #2 TAP, #6 TO #2 RUN	50	ea.	\$1.900	\$95.00	STOCK	
IRBY	PENN UNION	27	SPLIT BOLT CONNECTOR - #14 TO 1/0 TAP, #4 TO 1/0 RUN	50	ea.	\$1.740	\$87.00	FACTORY STOCK	
DSG	PENN UNION	27	SPLIT BOLT CONNECTOR - #14 TO 1/0 TAP, #4 TO 1/0 RUN	50	ea.	\$2.100	\$105.00	1 WK	5
WESCO	BURNDY	27	SPLIT BOLT CONNECTOR - #14 TO 1/0 TAP, #4 TO 1/0 RUN	50	ea.	\$2.190	\$109.50	2-4 WKS	
BSE	BURNDY	27	SPLIT BOLT CONNECTOR - #14 TO 1/0 TAP, #4 TO 1/0 RUN	50	ea.	\$2.700	\$135.00	STOCK	
RESCO	BLACKBURN	27	SPLIT BOLT CONNECTOR - #14 TO 1/0 TAP, #4 TO 1/0 RUN	50	ea.	\$6.090	\$304.50	STOCK	
IRBY	PENN UNION	28	SPLIT BOLT CONNECTOR - #14 TO 2/0 TAP, #2 TO 2/0 RUN	50	ea.	\$2.400	\$120.00	FACTORY STOCK	
DSG	PENN UNION	28	SPLIT BOLT CONNECTOR - #14 TO 2/0 TAP, #2 TO 2/0 RUN	50	ea.	\$2.840	\$142.00	1 WK	5
WESCO	BURNDY	28	SPLIT BOLT CONNECTOR - #14 TO 2/0 TAP, #2 TO 2/0 RUN	50	ea.	\$3.500	\$175.00	2-4 WKS	
BSE	BURNDY	28	SPLIT BOLT CONNECTOR - #14 TO 2/0 TAP, #2 TO 2/0 RUN	50	ea.	\$4.300	\$215.00	STOCK	
RESCO	BLACKBURN	28	SPLIT BOLT CONNECTOR - #14 TO 2/0 TAP, #2 TO 2/0 RUN	50	ea.	\$8.440	\$422.00	4-6 WKS ARO	
WESCO	BLACKBURN	29	WARNING TAPE, RED	4,000	ft.	\$0.043	\$170.68	1-4 WKS	4,7
BSE	BRADY	29	WARNING TAPE, RED	4,000	ft.	\$0.094	\$376.00	4-5 WKS	8

**BID TABULATION  
MISCELLANEOUS MATERIALS  
FOR  
WATER, LIGHT, POWER & BUILDING COMMISSION  
EAST GRAND FORKS, MINNESOTA**

**BID DATE: FEBRUARY 18, 2021  
WSN PROJECT NO. 2020-11974**

[REDACTED] BID AWARDED TO

REVISED: 2/24/2021

Supplier	Manufacturer	Item No.	Item Description	Qty	U O M	Unit Price	Extended Unit Price	Delivery Schedule	Remarks
RESCO	MILBANK	30	1-PHASE METER SOCKET, 200 AMP	40	ea.	\$105.720	\$4,228.80	6-9 WKS ARO	3,9
BSE	MILBANK	30	1-PHASE METER SOCKET, 200 AMP	40	ea.	\$111.000	\$4,440.00	2-3 WKS	
RESCO	MILBANK	30	1-PHASE METER SOCKET, 200 AMP	40	ea.	\$111.380	\$4,455.20	6-9 WKS ARO	6
DSG	MILBANK	30	1-PHASE METER SOCKET, 200 AMP	40	ea.	\$117.000	\$4,680.00	8-10 WKS	17
WESCO	MILBANK	30	1-PHASE METER SOCKET, 200 AMP	40	ea.	\$121.330	\$4,853.20	6-8 WKS	

**COMMENTS**

1. Manufacturer is not listed as acceptable manufacturer in specifications.
2. Pricing listed is for a standard 4" coupling. Long line coupling was specified.
3. Bid unit price of \$105.72 is based on an order of 42 or more units. 40 units were specified.
4. Tape wording options are "Caution Buried Electric Line Below", "Caution Buried High Voltage Line Below", or "Caution Buried High Voltage Cable Below"
5. Plus freight.
6. Bid unit prices are good for orders placed by 2/26/2021. For orders placed after 3/1/2021, bid unit price increases to \$118.96 per unit. 40 units times \$118.96 per unit equals \$4,758.40.
7. Bid unit price of \$42.67 was per 1,000 foot roll.  $\$42.67 / 1,000 \text{ ft per roll} = \$0.04267 \text{ per foot}$ .
8. Bid unit price of \$94.00 was per 1,000 foot roll.  $\$94.00 / 1,000 \text{ ft per roll} = \$0.094 \text{ per foot}$ .
9. Bid unit prices are good for orders placed by 2/26/2021. For orders placed after 3/1/2021, bid unit price increases to \$112.90 per unit. 42 units times \$112.90 per unit equals \$4,741.80.
10. Minimum order is 40 units. 40 units at \$3.08 each equals \$123.20. 20 units were specified.
11. Bid unit price and catalog number appear to be for a 10 foot stick of 2" Schedule 40 PVC conduit. Not 2" Schedule 40 PVC end bell as specified.
12. Bid unit price and catalog number appear to be for a 10 foot stick of 4" Schedule 40 PVC conduit. Not 4" Schedule 40 PVC end bell as specified.
13. Bid unit price of \$416.00 was per 3,000 foot reel.  $\$416.00 / 3,000 \text{ ft per reel} = \$0.13867 \text{ per foot}$ .
14. Minimum order is 15 units. 15 units at \$1.61 each equals \$24.15. 10 units were specified.
15. Bid unit price of \$267.00 was per 3,000 foot reel.  $\$267.00 / 3,000 \text{ ft per reel} = \$0.089 \text{ per foot}$ .
16. Bid item is regular mule tape, not detectable mule tape as specified.
17. Bid unit prices are good for orders placed before 3/1/2021. For orders placed after 3/1/2021, bid unit price increases to \$124.011 per unit. 40 units times \$124.011 per unit equals \$4,960.44.
18. Minimum order is 30 units. 30 units at \$4.29 each equals \$128.70. 10 units were specified.

**BID TABULATION  
DISTRIBUTION TRANSFORMERS  
FOR  
WATER, LIGHT, POWER & BUILDING COMMISSION  
EAST GRAND FORKS, MINNESOTA**

**BID DATE: FEBRUARY 18, 2021  
WSN PROJECT NO. 2020-11974**

**EVALUATION CRITERIA**

Transformer Load Factor (in %)	60.0%
Wholesale Demand Charge (\$/KW)	\$7.16
Wholesale Energy Charge (\$/KWH)	\$0.0362
Interest Rate (%)	9.00%
Evaluation Period in Years	25
Loss Factor	0.36

Cost No-Load Loss	\$402.99 /KW
Cost Load Loss	\$200.04 /KW
Present Worth Factor	9.8225796
Factor A...(no load loss)	\$3,958.44
Factor B...(load loss)	\$1,964.94

  BID AWARDED TO

REVISED: 2/24/2021

Supplier	Manufacturer	Item No.	Item Description	Qty	Losses (watts)		Base Unit Price	Loss Cost	Evaluated Unit Price	Extended Evaluated Price	Delivery Schedule	Remarks
					No Load	Load						
RESCO	ERMCO	12	1PH, 15kVA, PDMTD 240/120V	1	51	147	\$1,502.00	\$491.14	\$1,993.14	\$1,993.14	30-32 WKS ARO	
BSE	COOPER	12	1PH, 15kVA, PDMTD 240/120V	1	34	252	\$1,720.00	\$630.25	\$2,350.25	\$2,350.25	17 WKS	
IRBY	HOWARD	12	1PH, 15kVA, PDMTD 240/120V	1	51	165	\$1,845.00	\$526.53	\$2,371.53	\$2,371.53	18-20 WKS	
IRBY	HOWARD	12	1PH, 15kVA, PDMTD 240/120V	1	22	148	\$2,150.00	\$378.20	\$2,528.20	\$2,528.20	20-22 WKS	5
WESCO	ABB	12	1PH, 15kVA, PDMTD 240/120V	1	52	137	\$2,623.00	\$475.44	\$3,098.44	\$3,098.44	22-24 WKS	4
RESCO	ERMCO	13	3PH, 45kVA, PDMTD 277Y/480V	1	129	376	\$6,303.00	\$1,250.50	\$7,553.50	\$7,553.50	18-20 WKS ARO	3
WEG	WEG	13	3PH, 45kVA, PDMTD 277Y/480V	1	141	462	\$6,361.00	\$1,467.16	\$7,828.16	\$7,828.16	30-32 WKS	2
DSG	WEG	13	3PH, 45kVA, PDMTD 277Y/480V	1	141	462	\$6,597.89	\$1,467.16	\$8,065.05	\$8,065.05	30-32 WKS	
WESCO	ABB	13	3PH, 45kVA, PDMTD 277Y/480V	1	124	465	\$7,954.00	\$1,405.70	\$9,359.70	\$9,359.70	22-24 WKS	4
IRBY	HOWARD	13	3PH, 45kVA, PDMTD 277Y/480V	1	137	450	\$7,960.00	\$1,427.71	\$9,387.71	\$9,387.71	18-20 WKS	
BSE	COOPER	13	3PH, 45kVA, PDMTD 277Y/480V	1	121	546	\$8,150.00	\$1,553.09	\$9,703.09	\$9,703.09	19 WKS	
IRBY	HOWARD	13	3PH, 45kVA, PDMTD 277Y/480V	1	55	483	\$8,870.00	\$1,167.70	\$10,037.70	\$10,037.70	20-22 WKS	5
RESCO	ERMCO	14	3PH, 75kVA, PDMTD 120Y/208V	1	202	651	\$6,476.00	\$2,080.51	\$8,556.51	\$8,556.51	18-20 WKS ARO	3
WEG	WEG	14	3PH, 75kVA, PDMTD 120Y/208V	1	203	724	\$6,854.00	\$2,228.02	\$9,082.02	\$9,082.02	30-32 WKS	2
DSG	WEG	14	3PH, 75kVA, PDMTD 120Y/208V	1	203	724	\$7,055.78	\$2,228.02	\$9,283.80	\$9,283.80	30-32 WKS	
WESCO	ABB	14	3PH, 75kVA, PDMTD 120Y/208V	1	182	688	\$8,257.00	\$2,074.02	\$10,331.02	\$10,331.02	22-24 WKS	4
BSE	COOPER	14	3PH, 75kVA, PDMTD 120Y/208V	1	170	863	\$8,361.30	\$2,370.59	\$10,731.89	\$10,731.89	19 WKS	
IRBY	HOWARD	14	3PH, 75kVA, PDMTD 120Y/208V	1	200	690	\$8,626.00	\$2,149.28	\$10,775.28	\$10,775.28	18-20 WKS	
IRBY	HOWARD	14	3PH, 75kVA, PDMTD 120Y/208V	1	77	870	\$9,360.00	\$2,015.86	\$11,375.86	\$11,375.86	20-22 WKS	5
RESCO	ERMCO	15	3PH, 150kVA, PDMTD 120Y/208V	1	310	1152	\$8,186.00	\$3,493.60	\$11,679.60	\$11,679.60	18-20 WKS ARO	3
WEG	WEG	15	3PH, 150kVA, PDMTD 120Y/208V	1	306	1433	\$8,176.00	\$4,030.31	\$12,206.31	\$12,206.31	30-32 WKS	2
DSG	WEG	15	3PH, 150kVA, PDMTD 120Y/208V	1	306	1433	\$8,480.00	\$4,030.31	\$12,510.31	\$12,510.31	30-32 WKS	
BSE	COOPER	15	3PH, 150kVA, PDMTD 120Y/208V	1	296	1454	\$9,269.00	\$4,031.99	\$13,300.99	\$13,300.99	19 WKS	
WESCO	ABB	15	3PH, 150kVA, PDMTD 120Y/208V	1	264	1403	\$9,547.00	\$3,804.91	\$13,351.91	\$13,351.91	22-24 WKS	4
IRBY	HOWARD	15	3PH, 150kVA, PDMTD 120Y/208V	1	323	1281	\$10,476.00	\$3,798.78	\$14,274.78	\$14,274.78	18-20 WKS	
IRBY	HOWARD	15	3PH, 150kVA, PDMTD 120Y/208V	1	136	1308	\$11,970.00	\$3,110.92	\$15,080.92	\$15,080.92	20-22 WKS	5

**BID TABULATION  
DISTRIBUTION TRANSFORMERS  
FOR  
WATER, LIGHT, POWER & BUILDING COMMISSION  
EAST GRAND FORKS, MINNESOTA**

**BID DATE: FEBRUARY 18, 2021  
WSN PROJECT NO. 2020-11974**

**EVALUATION CRITERIA**

Transformer Load Factor (in %)	.....
Wholesale Demand Charge (\$/KW)	.....
Wholesale Energy Charge (\$/KWH)	.....
Interest Rate (%)	.....
Evaluation Period in Years	.....
Loss Factor	.....

60.0%
\$7.16
\$0.0362
9.00%
25
0.36

Cost No-Load Loss	.....	\$402.99	/KW
Cost Load Loss	.....	\$200.04	/KW
Present Worth Factor	.....	9.8225796	
Factor A....(no load loss)	.....	\$3,958.44	
Factor B....(load loss)	.....	\$1,964.94	

  BID AWARDED TO

REVISED: 2/24/2021

Supplier	Manufacturer	Item No.	Item Description	Qty	Losses (watts)		Base Unit Price	Loss Cost	Evaluated Unit Price	Extended Evaluated Price	Delivery Schedule	Remarks
					No Load	Load						
RESCO	ERMCO	16	3PH, 225kVA, PDMTD 120Y/208V	1	419	1817	\$8,725.00	\$5,233.15	\$13,958.15	\$13,958.15	18-20 WKS ARO	3
WEG	WEG	16	3PH, 225kVA, PDMTD 120Y/208V	1	451	1825	\$9,919.00	\$5,375.68	\$15,294.68	\$15,294.68	30-32 WKS	1,2
DSG	WEG	16	3PH, 225kVA, PDMTD 120Y/208V	1	451	1825	\$10,288.42	\$5,375.68	\$15,664.10	\$15,664.10	30-32 WKS	
BSE	COOPER	16	3PH, 225kVA, PDMTD 120Y/208V	1	373	2152	\$10,159.00	\$5,709.63	\$15,868.63	\$15,868.63	19 WKS	
WESCO	ABB	16	3PH, 225kVA, PDMTD 120Y/208V	1	449	1578	\$11,317.00	\$4,882.05	\$16,199.05	\$16,199.05	22-24 WKS	4
IRBY	HOWARD	16	3PH, 225kVA, PDMTD 120Y/208V	1	494	1545	\$12,280.00	\$4,995.46	\$17,275.46	\$17,275.46	18-20 WKS	
IRBY	HOWARD	16	3PH, 225kVA, PDMTD 120Y/208V	1	189	1782	\$13,400.00	\$4,253.00	\$17,653.00	\$17,653.00	20-22 WKS	5
RESCO	ERMCO	17	3PH, 225kVA, PDMTD 277Y/480V	1	448	1524	\$8,789.00	\$4,771.90	\$13,560.90	\$13,560.90	18-20 WKS ARO	3
WEG	WEG	17	3PH, 225kVA, PDMTD 277Y/480V	1	456	1827	\$9,228.00	\$5,399.42	\$14,627.42	\$14,627.42	30-32 WKS	2
DSG	WEG	17	3PH, 225kVA, PDMTD 277Y/480V	1	456	1827	\$9,571.57	\$5,399.42	\$14,970.99	\$14,970.99	30-32 WKS	
BSE	COOPER	17	3PH, 225kVA, PDMTD 277Y/480V	1	412	2011	\$9,950.00	\$5,586.90	\$15,536.90	\$15,536.90	19 WKS	
WESCO	ABB	17	3PH, 225kVA, PDMTD 277Y/480V	1	376	1713	\$10,767.00	\$4,858.27	\$15,625.27	\$15,625.27	22-24 WKS	4
IRBY	HOWARD	17	3PH, 225kVA, PDMTD 277Y/480V	1	474	1647	\$11,400.00	\$5,116.79	\$16,516.79	\$16,516.79	18-20 WKS	
IRBY	HOWARD	17	3PH, 225kVA, PDMTD 277Y/480V	1	179	1827	\$12,760.00	\$4,301.86	\$17,061.86	\$17,061.86	20-22 WKS	5
RESCO	ERMCO	18	3PH, 300kVA, PDMTD 120Y/208V	1	521	2341	\$10,030.00	\$6,667.70	\$16,697.70	\$16,697.70	18-20 WKS ARO	3
WEG	WEG	18	3PH, 300kVA, PDMTD 120Y/208V	1	560	2351	\$11,188.00	\$6,841.89	\$18,029.89	\$18,029.89	30-32 WKS	1,2
WESCO	ABB	18	3PH, 300kVA, PDMTD 120Y/208V	1	593	1867	\$12,164.00	\$6,020.91	\$18,184.91	\$18,184.91	22-24 WKS	4
BSE	COOPER	18	3PH, 300kVA, PDMTD 120Y/208V	1	475	2715	\$10,974.00	\$7,220.87	\$18,194.87	\$18,194.87	19 WKS	
DSG	WEG	18	3PH, 300kVA, PDMTD 120Y/208V	1	560	2351	\$11,550.52	\$6,841.89	\$18,392.41	\$18,392.41	30-32 WKS	
IRBY	HOWARD	18	3PH, 300kVA, PDMTD 120Y/208V	1	636	1854	\$13,990.00	\$6,165.73	\$20,155.73	\$20,155.73	18-20 WKS	
IRBY	HOWARD	18	3PH, 300kVA, PDMTD 120Y/208V	1	239	2082	\$15,500.00	\$5,041.03	\$20,541.03	\$20,541.03	20-22 WKS	5

**COMMENTS**

1. Providing secondary terminations with 1" studs. Secondary terminations with 5/8" studs were specified.
2. Add two (2) weeks to stated delivery schedule if approval drawings are required. Approval drawings were specified.
3. Providing one (1) spare dual sensing expulsion fuse with isolation link. Three (3) spares were specified.
4. Manufacturer takes exception to undercoat specified for transformer base. Undercoating will not be provided.
5. Transformer quoted with amorphous core.

# Request for Water and Light Commission Action

**Date:** 2/26/2021  
**To:** Water & Light Commissioners  
**From:** Jeff Olson / Fire Dept.  
**RE:** hydrant usage and water for Catfish Days

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## **Background:**

Catfish Days has been a community event for years and has always been well attended. The Fire Dept. is requesting the use of a hydrant and 27,000 gals of water to fill a tank for a dog jumping competition that will be held during the Catfishing event.

## **Recommendation:**

It would be my recommendation that the Commission grant the use of the hydrant and water to make this an added attraction to Catfish Days.