



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Consider Resolution Approving a Change Order for 2021-22 Underground Electric Cable Replacement Program Contract.		
Presenter & Title:	Aaron Holton, Superintendent of Electrical Services		
Date:	December 6, 2021		
<i>Please Check Appropriate Box:</i>			
<input type="checkbox"/>	Committee of the Whole Meeting	<input type="checkbox"/>	Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting	<input type="checkbox"/>	Special City Council Meeting
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Other -
Associated Strategic Plan Goal/Objective: EMS-II			
Estimated Cost: \$ 42,199.10		Budgeted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>If "Other Funding," please explain how the item will be funded:</i>			
Executive Summary:			
<p>During the cable replacement in the Lark Street area, it was discovered that City of Geneva Electric equipment is encroaching on the Union Pacific Railroad Right-of-Way. To alleviate the conflict two transformers will be relocated along with conduit and electric cable bored in from a different direction.</p> <p>The cost of the change order will be accommodated within the adopted budget for the 2021-22 Cable Replacement Program.</p>			
Attachments: <i>(please list)</i>			
<ul style="list-style-type: none"> • Resolution • Change Order from Utility Dynamics 			
Voting Requirements:			
<p><i>This motion requires a simple majority of affirmative votes for passage.</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the aldermen or trustees has resulted in a tie; (b) when one half of the aldermen or trustees elected have voted in favor of an ordinance, resolution, or motion even though there is no tie votes; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
Recommendation / Suggested Action: <i>(how item should be listed on agenda)</i>			
Recommend approval of a Change Order with Utility Dynamics in the amount of \$42,199.10 for the 2021-22 Underground Electric Cable Replacement Program Contract.			

RESOLUTION NO. 2021-100

**RESOLUTION AUTHORIZING EXECUTION OF THE
Change Order for the 2021-22 Underground Electric Cable Replacement Program
Contract**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA,
KANE COUNTY, ILLINOIS, as follows:**

SECTION 1: That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, a Change Order with Utility Dynamics in the amount of \$42,199.10 for the 2021-22 Underground Electric Cable Replacement Program as recommended by Staff.

SECTION 2: This Resolution shall become effective from and after its passage as in accordance with law.

PASSED by the City Council of the City of Geneva, Kane County, Illinois, this 6th day of December, 2021

AYES: __ NAYS: __ ABSENT: __ ABSTAINING: __ HOLDING OFFICE: __

Approved by me this 6th day of December 2021.

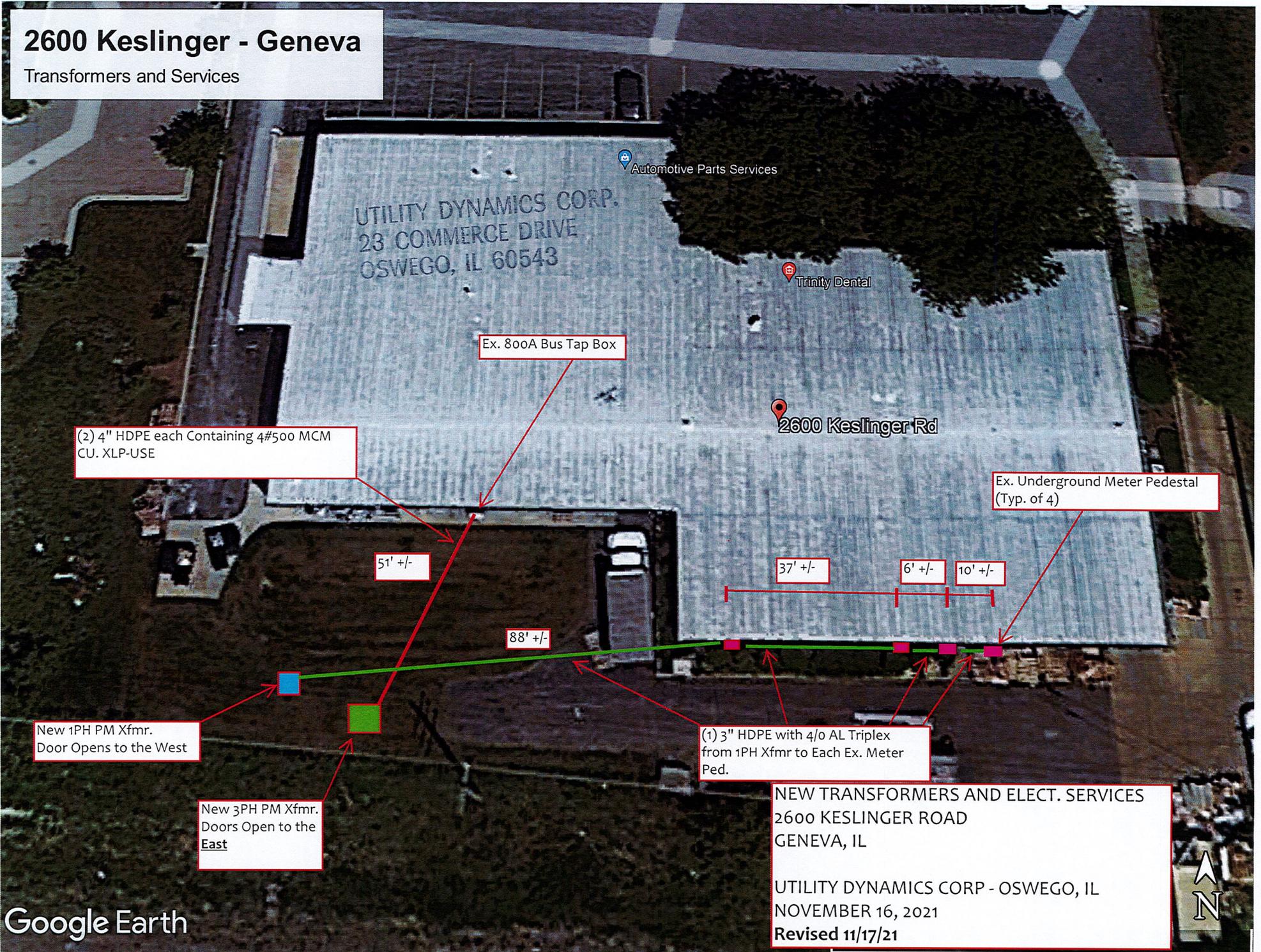
Mayor

ATTEST:

City Clerk

2600 Keslinger - Geneva

Transformers and Services



Automotive Parts Services

Trinity Dental

2600 Keslinger Rd

Ex. 800A Bus Tap Box

(2) 4" HDPE each Containing 4#500 MCM CU. XLP-USE

Ex. Underground Meter Pedestal (Typ. of 4)

51' +/-

37' +/-

6' +/-

10' +/-

88' +/-

(1) 3" HDPE with 4/0 AL Triplex from 1PH Xfmr to Each Ex. Meter Ped.

New 1PH PM Xfmr. Door Opens to the West

New 3PH PM Xfmr. Doors Open to the East

NEW TRANSFORMERS AND ELECT. SERVICES
2600 KESLINGER ROAD
GENEVA, IL

UTILITY DYNAMICS CORP - OSWEGO, IL
NOVEMBER 16, 2021
Revised 11/17/21

Google Earth



UTILITY DYNAMICS CORP.
23 COMMERCE DRIVE
OSWEGO, IL 60543

11/29/2021

UTILITY DYNAMICS CORP.
FY 2021 CABLE REPLACEMENT
2600 KESLINGER ROAD
ESTIMATED COST OF REVISED TRANSFORMER LOCATIONS
AND ASSOCIATED SECONDARY SERVICES

DESCRIPTION	UNIT	QTY	U/P	TOTAL	NOTES
3" HDPE, BORED (2 X 80') UR5-3"	LF	160	\$ 18.00	\$ 2,880.00	Extension from Ex. Loc. to New Loc.
5" HDPE, BORED, (2 X 65') UR5-5"	LF	130	\$ 33.00	\$ 4,290.00	Extension from Ex. Loc. to New Loc.
4" PVC SCH. 40 (2 X 60) UM50-P-4"	LF	120	\$ 14.00	\$ 1,680.00	To Ex. 800A Tap Box
4" PVC ELBOW + SHUR LOCK	EA	4	\$ 450.00	\$ 1,800.00	2 at Xfmr, 2 at Tap Box
3" HDPE PIPE - SECONDARY UR5-3"	LF	405	\$ 18.00	\$ 7,290.00	Secondary Services To Ex. Meter Peds.
3" PVC ELBOW + SHUR LOCK	EA	4	\$ 230.00	\$ 920.00	At each existing meter ped.
4/0 AL Triplex, UD, 600V - FBO	LF	445	\$ 3.10	\$ 1,379.50	Supplied by Geneva. 30', 40', 55', 65' appx. (East Side Dr. Price for #350AL)
500 MCM Cu. XLP-USE	LF	560	\$ 22.16	\$ 12,409.60	800A Service. 70' x 2 Sets of 4/C Ea.
500 MCM Lugs, 2Hole, 1/2"	EA	8	\$ 88.00	\$ 704.00	At Tap Box. Assume XFMR has Mech. Lugs. Includes Removal of Ex. Lug(s)
Utility Locates, UR8	EA	6	\$ 135.00	\$ 810.00	5 for 1 PH Services, 1 for 3 PH Service
Sawcut Pavement	LF	24	\$ 13.00	\$ 312.00	6' x 6' for 1 PH Sec. Services
Asphalt Pavement Removal	SF	36	\$ -	\$ -	6' x 6' for 1 PH Sec. Services
Asphalt Pavement Patch	SF	36	\$ 27.00	\$ 972.00	6' x 6' for 1 PH Sec. Services
Excavation, UR2	LF	50	\$ 20.00	\$ 1,000.00	4" Conduit - Service to Ex. Tap Box
Landscaping - Restoration, Turf	LS	1	\$ 1,050.00	\$ 1,050.00	At New Xfmr Locations and Trench Line to Tap Box. Est. 700 SF
Removal, 4/0 AL Triplex Sec. UD	LF	190	\$ 1.00	\$ 190.00	Est. 30', 40', 55', 65'
Removal, 500 Cu. Sec.	LF	2112	\$ 1.00	\$ 2,112.00	Est. 74' x 2 Sets of 4/C Ea.
Cutover, Premium Time Portion	EA	5	\$ 480.00	\$ 2,400.00	1 at Tap Box and 4 at Ex. Meter Peds, 4.0/Ea x \$120
				\$ 42,199.10	

Notes:

- Transformer Pads, Grounds, Transformers and Terminations to be invoiced separately under the contract unit prices and is not reflected in this summary of anticipated costs.
- All primary cable and terminations are to be invoiced separately under the contract unit prices and is not reflected in this summary of anticipated costs.
- The exploratory and patching south of the retaining wall at 2600 Keslinger is to be invoiced separately under the contract unit prices and is not reflected in this summary of anticipated costs.
- The 500 MCM cable pricing is valid through 12/3/21. We have included an allowance for the freight cost from the factory (TX or WV). The actual frt. cost**

UTILITY DYNAMICS CORP.
 23 COMMERCE DRIVE
 OSWEGO, IL 60543

160
 11/29/2021

11/29/2021

UTILITY DYNAMICS CORP.
 UDC Job No.: 2770
 Geneva - 2021 Cable Replacement
 Misc. Added Units
 2600 Keslinger Road
 Bid Item #

Bid Item #	Description	Qty.	Material	Mat. Total	Labor	Lab. Total
1	500 MCM Cu. Ca., XLP-USE					
	Furnish and install 500 MCM Cu. Ca. XLP-USE - 800A Tap Box	560	\$ 13.73	\$ 7,688.80	0.04	22.40
	Cut Charge - Factory	8	\$ 30.00	\$ 240.00	0.000	0.00
	Frnt. - Allowance - To Charge Geneva for the Actual Invoiced Amt.	1	\$ 500.00	\$ 500.00	0.00	0.00
				\$ 8,428.80		22.40
			10%	\$ 842.88	X \$	140.00
				<u>\$ 9,271.68</u>		<u>\$ 3,136.00</u>
						<u>\$ 9,271.68</u>
	Total L.S. Price					\$ 12,407.68
	Div by Qty.					560
	U.P.					\$ 22.16
2	500 MCM Lugs, Secondary, 600V					
	Furnish and install 500 MCM Lugs at Ex. 800A Tap Box	8	\$ 16.22	\$ 129.76	0.50	4.00
				\$ 129.76		4.00
			10%	\$ 12.98	X \$	140.00
				<u>\$ 142.74</u>		<u>\$ 560.00</u>
						<u>\$ 142.74</u>
	Total L.S. Price					\$ 702.74
	Div by Qty.					8
	U.P.					\$ 87.84

SUNRISE ELECTRIC SUPPLY
 130 S. ADDISON RD
 ADDISON, IL 60101
 (P) 630-543-1111



QUOTATION

Order #	1207360	Customer #	
Order Date	11/29/2021 09:59:58	 10729	

Quote Expires On 12/29/2021
 Not To Exceed Quoted Qty's

Page 1 of 1

Bill To:

UTILITY DYNAMICS
 23 COMMERCE DR.
 OSWEGO, IL 60543
 (P) 630-554-1722
 Attn: BILLING CUST# 10729
 Customer ID: 10729

Ship To:

GENEVA, VILLAGE OF
 2600 KESLINGER SERVICE
 23 COMMERCE DR
 OSWEGO, IL 60543

PO Number	Ship Route	Carrier	Taker
	18	OUR TRUCK	BCASSIDY

Quantities				Description	Unit Price	Unit	Extended Price
Ordered	Allocated	Remaining	Disp.				

Order Note: PRICING EXPIRES 12/3/2021 - WIRE IS PLUS
 FREIGHT FROM FACTORY - w. Vidy. oz TX.

Order Note: ALL CURRENTLY IN STOCK EXCPET WIRE

640FT	0	640		XLP-USE-500-STR-BLK-CTF CU	13,729.7473	M	8,787.04
8EA	0	8		CUT CHARGE WIRE	30.0000	EA	240.00
16EA	0	16		P-U BBLU050D/CLND-500-12-134 2H COMP LUG	16.2205	EA	259.53
60FT	0	60		PVC 4-IN-PVC-SCHED-40-10FT CONDUIT	921.8600	C	553.12
4EA	0	4		PVC 4-IN-90D-SCH-40-COND-ELL	2,122.1838	C	84.89
8EA	0	8		PVC 4-IN-PVC-COND-CPLG	368.0754	C	29.45

Total Lines: 6

SUB-TOTAL: 9,954.03
TAX: 19.20
AMOUNT DUE: 9,973.23
 U.S. Dollars

UTILITY DYNAMICS CORP.
 23 COMMERCE DRIVE
 OSWEGO, IL 60543