



City of Hartford

CITY HALL - 109 NORTH MAIN STREET · HARTFORD, WI 53027-1591

AGENDA
CITY OF HARTFORD UTILITY COMMITTEE
CITY HALL COUNCIL CHAMBERS
Monday, March 7, 2016
5:30 pm

This is a regularly scheduled meeting of the Utility Committee of the City of Hartford. Prior to this meeting, notice was given to the public by posting an agenda on the City Office Meeting Board, Library Bulletin Board, and Police Bulletin Board. In addition, the Daily News (the official City newspaper) was given notice of this meeting and an agenda was placed in their City Office mailbox at least 24 hours ago.

- 1) Call to Order
- 2) Public Comment Period
- 3) Update on electric service interruptions and water main breaks
- 4) Discussion and consideration of purchasing 30,000 feet of 1/0 28kV primary underground cable from RESCO at a cost not to exceed \$60,000 (Executive Summary attached)
- 5) Discussion and consideration of purchasing 46 utility poles from Bell Lumber and Pole Company at a cost not to exceed \$25,932 (Executive Summary attached)
- 6) Update on Wheelock Avenue Sanitary Sewer improvements (Memo attached)
- 7) Adjournment

"Persons with disabilities requiring special accommodations for attendance at the meeting should contact the City Clerk at least one (1) business day prior to the meeting."

"Members of the Common Council may attend the above meeting. Pursuant to State ex rel. Badke v. Greendale Village Board, 173 Wis. 2d 553, 494 N.W.2d 408 (1993) such attendance may be considered a meeting of the Common Council. This notice is given so that members of the Common Council may attend the meeting without violating the open meeting law."

EXECUTIVE SUMMARY

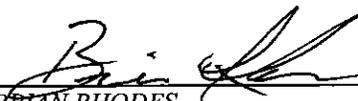
TITLE: Request to Purchase Primary Underground Cable

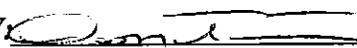
BACKGROUND: In 2016, several projects have been identified that will require the purchase of primary underground cable. Those projects include extending electric service to three new developments in the following areas: the Autumn Ridge Estates subdivision on East Monroe Ave, Red Oak Apartments located south of the Red Oaks Subdivision east of STH 83 and the Wilson Heights Apartments on E. Loos Street. In addition, the Village of Slinger has approved a project to replace and extend the existing cable in the downtown area which will improve reliability for their system.

Collectively, these projects will require the purchase of approximately 23,000 feet of 1/0, 28kV primary underground cable. An additional 7,000 feet of cable will be purchased and placed into inventory and used on future small projects. This cable was competitively bid through WPPI's joint purchasing program and RESCO was awarded the cable contract for 2016.

FISCAL IMPACT: \$54,000 to be derived from user fees. Approximately \$6,000 will be invoiced to the Village of Slinger upon the completion of their capital project.

RECOMMENDATION: To purchase 30,000 feet of 1/0 28kV primary underground cable from RESCO at a cost not to exceed \$60,000.00

PREPARED BY:  2-29-16
BRIAN RHODES
UTILITY DIRECTOR
DATE

REVIEWED BY:  3-1-16
DAWN TIMM
FINANCE DIRECTOR
DATE

APPROVED BY:  3-1-16
STEVE VOLKERT
CITY ADMINISTRATOR
DATE

Routing: Utility Committee

EXECUTIVE SUMMARY

TITLE: Request to Purchase Utility Power Poles

BACKGROUND: The 2016 Capital Improvement Program identifies two projects that require the purchase of new utility power poles. Those projects include rebuilding the overhead distribution system along Wheelock Ave., Harker Ave., Linden Ave., Lincoln Ave. and East Ave. There are 68 utility poles found within the area of this rebuild and all utility poles are scheduled to be replaced as part of this rebuild.

Some of the poles needed for this project will be taken from our inventory while others will need to be purchased. The poles needed for these projects and to replenish our inventory vary in size. For this order, sixteen 35 foot poles, twenty-four 45 foot poles and six 55 foot poles are proposed. Utility poles are competitively bid through WPPI's joint purchasing program and Bell Lumber and Pole Co. was awarded the contract for 2016. The quantity of each pole length, price per pole, total price for each utility pole length and the total cost for all poles is as follows:

Length	Quantity	Price (Each)	Total Price
35' Pole	16	\$393	\$ 6,288
45' Pole	24	\$601	\$14,424
55' Pole	6	\$870	\$ 3,924
Totals	46		\$25,932

FISCAL IMPACT: \$25,932.00 to be derived from the 2016 Electric Utility Capital Improvement Program budget under reference numbers 380-11-298 for the Wheelock/Harker Area Rebuild and 380-12-307 for the Wheelock, Linden and East Ave. Area Rebuild project.

RECOMMENDATION: To purchase 46 utility poles from Bell Lumber and Pole Company at a cost not to exceed \$25,932.00

PREPARED BY: 
BRIAN RHODIAS
UTILITY DIRECTOR
2-29-16
DATE

REVIEWED BY: 
DAWN TIMM
FINANCE DIRECTOR
3-1-16
DATE

APPROVED BY: 
STEVE VOLKERT
CITY ADMINISTRATOR
3-1-16
DATE

Routing: Utility Committee

MEMORANDUM

To: Utility Committee

From: Jason W. Schall, City Engineer
Dave Piquett, Sewer Utility Director

Date: 3/1/2016

Re: Wheelock Avenue Sanitary Sewer Improvements

The original plans for the sanitary sewer improvements on Wheelock Avenue from E. Monroe Avenue to E. Lincoln Avenue included approximately 300 feet of sewer mainline replacement known to have some issues. The amount of \$45,000 was included in the CIP to replace this section of pipe on Wheelock Avenue. After televising the sewer on this section of Wheelock Avenue, it was confirmed that the pipe did have several issues. It was also discovered that there were additional areas of concern with the rest of the sanitary sewer on Wheelock Avenue within the construction area. Some of the concerns found after televising included the following:

- The sanitary sewer mainline, while still in relatively good condition, does have a lot of mineral deposits along the entire section of Wheelock Avenue being reconstructed.
- The cause of the mineral deposits is due to a considerable amount of groundwater infiltration.
- There are 3 lateral connections that have failed and have broken the mainline pipe.
- There are many lateral connections that have significant mineral deposits. These deposits in some cases have blocked the laterals by more than 50%.

After reviewing the televising reports, we have determined that many of these issues can be rectified with some cleaning, grouting, and lining of the mainline sewer and laterals. Our recommendations for repairing these issues include the following:

- Perform 3 spot repairs on the lateral connections that have failed.
- Line the entire length of sanitary sewer in the project area (approximately 1,470 feet).
- Clean the laterals with significant mineral deposits.
- Grout the lateral connections and 5 feet into the lateral after the lining is complete.

By doing these repairs as part of the Wheelock Avenue project, we should receive better prices from the contractors since they will already be on the project for other work. These additional sewer repairs have been added into the bidding documents for this project. Exact prices for these repairs will not be known until bids are opened on March 8, 2016. We are estimating these repairs to cost about \$95,000 total which is \$50,000 above the approved CIP. We wanted to provide this information before bringing the bid results to the Common Council. If the Committee and Council do not want to do these repairs at this time, they can be removed from the contract by change order at a later date.