

AGENDA
CITY OF HARTFORD
PUBLIC WORKS COMMITTEE
CITY HALL COUNCIL CHAMBERS
TUESDAY, MARCH 26, 2019
6:30 P.M.

1. Call to order.
2. Roll call.
3. Public comment period.
4. Discussion and consideration of authorizing the purchase of a Trimble R10 GPS Receiver from Seiler, Franklin WI, at a total cost not to exceed \$18,119.33. Engineering (Executive Summary attached)
5. Discussion and consideration of entering into an agreement with Brooks Tractor, Inc., Milwaukee, for the purchase of a new 2019 John Deere 544L Wheel Loader with Burke Plow and Wing for a total cost not to exceed \$185,594. Public Works (Executive Summary attached)
6. Salt usage 2018 - 2019. (Memorandum attached)
7. Emerald ash borer tree replacement program (Memorandum attached)
8. Adjournment

NOTE: "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: Purchase of Surveying Equipment for the Engineering Department - Trimble R10 GPS Receiver.

BACKGROUND: The 2019 Engineering Department Budget contains \$42,000.00 in the Capital Improvement Program for surveying equipment replacement. The purchase of a Trimble S7 Robotic Total Station for \$40,496.55 was approved at the January 22, 2019 Common Council meeting. After the approval to purchase, the Engineering Department found out supplier (Seiler) had a special discount on equipment purchased before March 31, 2019. This discount provided a savings of approximately \$8,000.00.

The Engineering Department CIP includes \$26,000.00 for the purchase of a survey grade GPS receiver in 2022. The GPS receiver is used to set control points for survey with the total station, for topographic surveys, for accurate mapping of existing utility structures, and can be used for other general surveying. Currently, the Engineering Department rents this equipment when needed. The rental cost is approximately \$1,500.00 annually plus the time to pick up and drop off the equipment. The current special discount from Seiler applies to this equipment as well. If the GPS equipment was purchased before March 31, 2019, there would be a cost savings of \$7,679.92.

With this special discount, the Engineering Department is requesting to purchase the GPS surveying now in 2019 and take advantage of this cost savings for the City. Seiler will not guarantee whether this special discount will happen again. The cost for the GPS equipment would be covered from the remaining \$9,433.00 left in the 2019 CIP budget after the purchase of the discounted total station. The remaining cost of the GPS equipment would then be covered by the Sanitary Sewer and Water Utilities equally. There are funds available in both utilities from the cost savings experienced from the Martin and Morgan Drive project. The Sanitary Sewer Utility is about \$40,000.00 under budget for that project, while the Water Utility is about \$70,000.00 under budget for that project.

The Engineering Department has requested a proposal for the GPS equipment and received the following price:

Trimble R10 GPS Receiver – Seiler	\$18,119.33
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The Trimble R10 GPS Receiver is a one-person operation and includes the UHF Radio Antenna and connector, 2 rechargeable batteries, battery charger, cable, and range pole. The data collector required to use the GPS unit was purchased with the total station. Our Senior Engineer Technician is familiar with the operation of this model and no formal training is necessary, however, Seiler is a local company located in Franklin and will provide any needed technical assistance.

Seiler has provided the City with the necessary rental survey equipment for the past several years. The City has a good working relationship with Seiler and Seiler is always very responsive to the City's requests.

FISCAL IMPACT: **\$9,433.00** from the \$42,000.00 budgeted for the Survey Equipment-Total Station in the 2019 Engineering Department Budget under Account No. 100.601.531100.59501, **\$4,343.17** from Water Utility Account Funds, and **\$4,343.17** from Sanitary Sewer Utility Account Funds.

RECOMMENDATION: Appropriate City Officials are authorized to purchase the Trimble R10 GPS Receiver from Seiler, 9755 Airways Court, Franklin, WI 53132, at a total cost not to exceed **\$18,119.33**.

PREPARED BY: Jason W. Schall 3-20-19
Jason W. Schall
City Engineer Date

REVIEWED BY: Brian Rhodes 3-20-19
Brian Rhodes
Director of Utilities Date

REVIEWED BY: David Piquett 3-20-19
David Piquett
Sewer Utility Director Date

REVIEWED BY: Dawn Timm 3-21-19
Dawn Timm
Finance Director/Treasurer Date

APPROVED BY: _____
Steve Volkert
City Administrator Date

ROUTING: Public Works - March 26, 2019
Common Council - April 9, 2019

EXECUTIVE SUMMARY

TITLE: Purchase of a 2019 John Deere Wheel Loader for the Public Works Department.

BACKGROUND: The 2019 Capital Improvement Program budget contains \$165,000.00 for the purchase of a new wheel loader for the Public Works Department. The Public Works Department is proposing to replace the 2001 Case 621D wheel loader with plow and wing. Requests for Proposals were sent asking for written proposals for the purchase of a 2019 wheel (Front End) loader with plow and wing according to required specifications. Four proposals were received for the wheel loader. One of the proposals was eliminated because it did not meet bid specifications for horsepower, transmission, and differential lock on the front and rear axle.

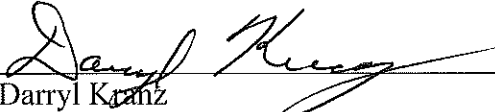
The City of Hartford received the following proposals:

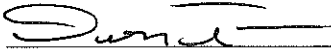
- | | | | |
|----|--|---|--------------|
| 1. | Brooks Tractor, Inc., Milwaukee, WI.
John Deere 544L
With Burke plow and wing | - | \$185,594.00 |
| 2. | Miller-Bradford & Risberg Inc., Milwaukee, WI.
Case621D
With Burke plow and wing | - | \$194,000.00 |
| 3. | Fabick Caterpillar, Milwaukee, WI.
Cat 930M
With Burke plow and wing | - | \$215,559.00 |

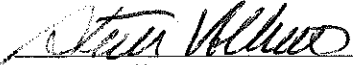
The low proposal submitted by Brooks Tractor is a John Deere 544L wheel loader with a Burke plow and wing per specifications. The City of Hartford personally demonstrated both the John Deere and the Case loader during the fall leaf pickup and other street projects and found that both units would meet all work requirements.

FISCAL IMPACT: \$165,000.00 from the Capital Improvement Program budget of \$165,000.00 under Account No. 422.423.574760.59501 The remainder of the cost will be covered by funds from the sale of the 2001 Case 621D wheel loader with plow and wing and one three yard flat bucket on Wisconsin Surplus Auction after our new loader arrives. Past units sold on this site have been averaging between \$25,000.00 and \$30,000.00.

RECOMMENDATION: Appropriate City Officials are authorized to enter into an agreement with Brooks Tractor, Inc., Milwaukee, Wisconsin, for the purchase of a new **2019** John Deere 544L Wheel Loader with Burke Plow & Wing and all required specifications on the bid proposals at a total cost not to exceed **\$185,594.00**

PREPARED BY:  3-19-19
Darryl Kranz
Director of Public Works Date

REVIEWED BY:  3/19/19
Dawn Timm
Finance Director/Treasurer Date

APPROVED BY:  March 19, 19
Steve Volkert
City Administrator Date

ROUTING: Public Works Committee March 26, 2019
Common Council March 26, 2019

ExecutiveSummaryStreetDept/2019WheelLoader

CITY OF HARTFORD

REQUEST FOR PROPOSALS

The City of Hartford is requesting proposals for a 2019 Wheel (Front End Loader), including all standard equipment, and the following specifications:

ACCEPTABLE MODELS: Cat 930M, Case 621G, John Deere 544L, JCB 427, Hyundai HL940

Compliance

Required Specifications

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	6-Cylinder, Turbocharged Tier 4 Certified Diesel Engine, Minimum 162 net horsepower
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Fully Synchronized Torque Converter Style Transmission with 5 Forward/3 Reverse Speeds and Lock up Converter
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Ride Control
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Five function Hydraulics – for Plow and Wing
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Dual Pilot Joystick or Single EH Joystick control with FNR on Joystick
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Air Conditioning
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Differential Lock, Front and Rear Axles Hydraulic Locking
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Z-Bar Loader linkage with 13'8" minimum hinge pin height
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	AM/FM Radio
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	12 Volt power to cab for add on Radio
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Block Heater
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Dual Batteries
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Wing light for snow plow wing
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Michelin Snow Plus tires (20 X5 R25 L2)
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Cloth Air Ride seat
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Heated mirrors
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Interior Mirror
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Hydraulic Reversing Fan
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Full Fenders
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	LED lights and blinkers
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Installation of LED strobe with Cage
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Ecco – Highway Solutions 5587A Reflex Strobe Light
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	5-year Extended Warranty on machine parts and labor – full machine 2500 hours
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Complete Parts and Repair Manuals – Paper Copy
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Deliver to Burke Truck – from Burke Truck to City Garage
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	One 3-Yard Flat Bucket with Cutting Edge (with ACS Hookup)
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	ACS Hydraulic Quick Coupler on Loader
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Back up Camera with Radar Detector

The City of Hartford is also requesting proposals for the following Accessory Equipment which will be added to the 2019 Wheel (Front End) Loader at a later date in 2019:

- Burke Truck & Equipment 12-foot Front Flow with ACS Hookup \$ Yes
- Burke Truck & Equipment 9-foot Mid Mount Wing \$ Yes
- Installation by Burke Truck & Equipment \$ Yes

Call Jeff at (608) 335-9788

TOTAL PROPOSAL with Truck Accessory Equipment: \$ 185,594.⁰⁰

The deadline for submittal of written proposals is **Monday, March 11, 2019 at 2:00 p.m.**

If you have any questions, please contact: **Darryl Kranz, Director of Public Works**
(262) 673-8225 or (262) 224-4488.

The Common Council of the City of Hartford reserves the right to accept or reject any or all proposals with respect to irregularities or technicalities and further to award the contract to the dealer who in the judgment of the Common Council will best serve the interest of the City of Hartford.

SUBMITTED BY: Brooks Tractor
(Company Name)
12101 W Silver Springs Drive, Milwaukee, WI 53225
(Address)
Ben Adams → (414) 651-2733
(Telephone Number)

L-SERIES
LOADERS



JOHN DEERE

524L / 544L / 624L



**VERSATILITY MEETS
CAPABILITY**

MEMORANDUM

DATE: March 19, 2019
TO: Public Works Committee
FROM: Darryl Kranz, Director of Public Works
SUBJECT: Salt usage 2018 - 2019



The City of Hartford once again participated with the Wisconsin Department of Transportation's state road salt bid under the Municipal agreement to purchase sodium chloride. The Wisconsin Department of Transportation has awarded the 2018/2019 road salt bid to MORTON SALT, INC for Washington County participants. The unit price will be \$72.91 per ton for the 2018/2019 season. The price for the road salt during the 2017/2018 season was \$63.65 per ton. That is an increase of \$9.26 per ton.

The City experienced a large number of ice, rain, and snow events throughout the fall and winter. The City began with 1300 tons of salt at the start of November 2018. The City's contract for the 2018/2019 season is for 1400 tons of salt for a total of 2700 tons of salt for the year. As of now the City has used a total of 1850 tons of salt so far this year. That leaves us with a total of 850 tons of salt left for the year. The contract with the state allows us to buy a reserve amount of salt. Our reserve amount of salt is 20% of our contracted amount or 280 tons of salt at the price of \$72.91 per ton.

At this time I think it would be in the best interest of the City to purchase the extra 280 tons of road salt at the price of \$72.91 per ton (\$20,414.80) With the salt shortage this year we do expect a possible \$10.00 increase again next year in salt prices

If you have any questions or comments concerning this matter, please contact my office at (262) 673-8225.

ROUTING: Public Works Committee

March 26, 2019

DK:sr

MEMORANDUM

DATE: March 19, 2019
TO: Public Works Committee
FROM: Darryl Kranz, Director of Public Works
SUBJECT: Emerald Ash Borer Tree Replacement Program



In 2010 Wachtel Tree Science, Inc. performed a complete Public Tree Inventory Report for the City of Hartford. At that time there were **3,488** public street trees located between the curb and sidewalk. Of those 3,488 trees, 687 trees were determined to be ash trees. On July 13, 2010 the Common Council reviewed and approved the Emerald Ash Borer Community Readiness Plan. The plan was to remove and replace all ash trees infected with the Emerald Ash Borer first and then start replacing the rest of the ash trees.

In the fall of 2015 the City discovered the first ash trees infected by the Emerald Ash Borer located near the High School on Monroe Avenue officially starting the readiness plan. To date we have replaced 25 ash trees in 2015, 73 ash trees in 2016, 120 ash trees in 2017, and 132 ash trees in 2018 for a total of 350 trees replaced. It is estimated that we will be replacing another 120 ash trees in 2019. If all goes well, we do plan on having all ash trees removed, and all stump grinding done by the end of the 2019 season.

The total cost for the ash tree replacement program has been approximately \$55352.00 over the past four years. The average cost per tree has been approximately \$158/tree. Following is a list of tree species used for the replacement trees:

New Horizon Elms	Autumn Blaze Maple	Freeman Maple
Hackberry	Early Glow Buckeye	Cleveland Select Pear
Jack Pear	Trinity Pear	Skyline Honey Locust
Harvest Gold Linden	Fall Fiesta Sugar Maple	Adirondak Crabapple
Regal Prince Oak		

The Public Works Department's goal is to complete the replacement of all 687 ash trees noted in the Tree Inventory by the end of 2021.

If you have any questions or comments concerning this matter, please contact my office at (262) 673-8225.

DK:sr