



TOWN COUNCIL – AGENDA REQUEST FORM

THIS FORM WILL BECOME PART OF THE BACKGROUND INFORMATION USED BY THE COUNCIL AND PUBLIC

Please submit Agenda Request Form, **including back up information**, 8 days prior to the requested meeting date. **Public Hearing requests must be submitted 20 days prior to requested meeting date to meet publication deadlines** (exceptions may be authorized by the Town Manager, Chairman/Vice Chair).

MEETING INFORMATION

Date Submitted: November 7, 2023
Submitted by: Public Works Director Dawn Tuomala
Department: Public Works
Speakers: _____
Date of Meeting: November 16, 2023
Time Required: 20 minutes
Background Info. Supplied: Yes: No:

CATEGORY OF BUSINESS (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Appointment:	<input type="checkbox"/>	Recognition/Resignation/Retirement:	<input type="checkbox"/>
Public Hearing:	<input type="checkbox"/>	Old Business:	<input type="checkbox"/>
New Business:	<input checked="" type="checkbox"/>	Consent Agenda:	<input type="checkbox"/>
Nonpublic:	<input type="checkbox"/>	Other:	<input type="checkbox"/>

TITLE OF ITEM

Withdrawal Request from the Sewer Infrastructure Capital Reserve Fund

DESCRIPTION OF ITEM

The Town Council to consider the request for withdrawal of funds from the Sewer Infrastructure Capital Reserve Fund for the purchase of a loader and a welder at the Wastewater Treatment Facility.

REFERENCE (IF KNOWN)

RSA: _____ Warrant Article: _____
Charter Article: _____ Town Meeting: _____
Other: _____ N/A _____

EQUIPMENT REQUIRED (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Projector:	<input type="checkbox"/>	Grant Requirements:	<input type="checkbox"/>
Easel:	<input type="checkbox"/>	Joint Meeting:	<input type="checkbox"/>
Special Seating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>
Laptop:	<input type="checkbox"/>	None:	<input type="checkbox"/>

CONTACT INFORMATION

Name: Dawn Tuomala Address: 6 Baboosic Road
Phone Number: 603-424-5137 Email Address: dtuomala@merrimacknh.gov

APPROVAL

Town Manager: Yes No: Chair/Vice Chair: Yes No:

Hold for Meeting Date: _____



**TOWN OF MERRIMACK, NH
DEPARTMENT OF PUBLIC WORKS
WASTEWATER TREATMENT FACILITY**

36 MAST ROAD – P.O. BOX 235 – MERRIMACK, NH 03054
PHONE: 603-883-8196 – FAX: 603-886-1513 – WWW.MERRIMACKNH.GOV

To: Paul Micali
Town Manager

Thru: Dawn Tuomala
Public Works Director

From: Leo Gaudette 
Assistant Public Works Director/Wastewater

Date: November 8, 2023

SUBJECT: Request to Purchase Wheel Loader WWTP / Bid Recommendation

The Wastewater Treatment Plant (WWTP) is requesting permission from the Town Council to withdraw \$248,900 from the Capital Reserve Fund for the purpose of purchasing a new 2023 Caterpillar 938 wheel loader. The CIP identified a budget estimate of \$250,000 per the approved 22-29 CIP. The new wheel loader will replace the existing 2006, 938 loader. The existing vehicle will be traded toward the purchase of the new wheel loader.

Loader Operation

The wastewater composting facility has three wheel loaders, it is necessary to have the three machines to insure a minimum of two machines at all times in case of breakdowns. The current Caterpillar loader has a larger light material bucket. This machine is used primarily to move the 1,500 yard windrows of compost, manage the sawdust and to load large dump trailers of approved of compost. This larger bucket makes both of these operations much more efficient.

Other key factors are, the loader that mixes the raw sludge cannot be used to load approved material because of the need to prevent cross contamination with approved material. The two John Deere loaders only have 4 yard buckets, which makes them less efficient for moving windrows and filling large dump trailers.

We provide a service to not only the residents of Merrimack but also the eight other communities who bring the bio-solids to be composted and who pay tipping fees to the town of Merrimack.

Recommendation

On November 7, 2023 The Wastewater Treatment Plant conducted a bid opening and we received six bids for wheel loaders. The results are as follows;

- **Develon (Doosan) Bid Price; \$236,000.00, Trade Allowance \$30,000.00, Total Bid \$203,000.00**
- **JCB Bid Price; \$265,000.00, Trade Allowance \$30,000.00, Total Bid \$235,000.00**
- **Caterpillar Bid Price; \$298,900.00, Trade Allowance \$50,000.00, Total Bid \$248,900.00**
- **Volvo Bid Price; \$286,000.00, Trade Allowance \$35,000.00, Total Bid \$256,000.00**
- **John Deere Bid Price; \$309,000.00, Trade Allowance \$45,000.00, Total Bid \$264,000.00**
- **Case Bid Price; \$292,150.00, Trade Allowance \$25,000.00, Total Bid \$267,150.00**

The Develon wheel loader, also known as Doosan was the apparent low bidder followed by JCB and Caterpillar, although Develon was the apparent low bidder I am recommending the purchase of the Caterpillar for the following reasons;

1. With the exception of Caterpillar, lead times for delivery of all the machines outfitted as specified in the bid package range from 3 months to 1 year. Caterpillar is the only bidder that can provide the specified machine immediately. This is important because current loader is to be used as trade and we cannot be without a backup machine for 3 months to a year.
2. Develon also took exception to six different parts of the bid. The most concerning exception was; Section 16, Parts Availability, they were the only bidder to make an exception. They indicated that it was an unclear explanation in the bid document. This is concerning because if the machine breaks there may be long lead times for parts which will also leave us without a backup machine.
3. Caterpillar was bid by Milton Cat which has multiple locations throughout New England with the closest one located in Londonderry NH. The current loader being replaced has served the town well with few problems and has been in constant use for the past 17 years



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To: Paul Micali
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Thru: Dawn Tuomala
Public Works Director

From: Leo Gaudette 
Assistant Public Works Director/Wastewater

Date: November 8, 2023

SUBJECT: Request to Purchase Engine Driven Welder WWTP / Bid Recommendation

We went out to bid for the engine driven welder identified in the Minor CIP 2022-29. The estimated cost of the welder is \$7,500.00. We received three bids for this unit on November 7, 2023. The results are as follows:

- Grainger \$8,280.00
- Technology International Inc. \$8,450.00
- KV7 Resources; \$8,477.70

I recommend that we reject all three of those bids because we have a confirmed price of \$7,500.00 from Air Gas East, which was on the bidders' list but did not submit a bid. It is the same welder specified in the bid and at approximately almost \$900.00 less than the low bid, it does not make sense to not purchase the unit from Air Gas East. I have included the bid results and the quote from Air Gas East.

We respectfully request the release of the \$7,500 identified in the Minor CIP to purchase the welder from Airgas East.



Wheel Loader CIP Withdrawal

Presented by:

Leo Gaudette, Assistant Director, Public Works Department/Wastewater

Presentation Overview



- ✓ Current Loader Cat 938G
- ✓ 2006 ~ 17 years old
- ✓ Operation of loaders
- ✓ Review of Bid Price
- ✓ Questions & Discussion

Location - Project

CAT 938G

- ▶ 2006 CAT 938G



New Loader CATERPILLAR 938 G Recommended



Request for CRF Withdrawal

- ▶ Six bids were received;
 - ▶ Develon, \$236,000, Trade \$33,000 Bid Price; \$203,000
 - ▶ JCB, \$265,000, Trade \$30,000, Bid Price; \$235,000
 - ▶ **Caterpillar, \$298,900, Trade \$50,000, Bid Price; \$248,900**
 - ▶ Volvo, \$286,000, Trade \$30,000, Bid Price; \$256,000
 - ▶ John Deere, \$309,000, Trade \$45,000, Bid Price; \$264,000
 - ▶ Case, \$292,150, Trade \$25,000, Bid Price; \$267,150
- ▶ Requesting Permission to withdraw \$248,900 from the Sewer Infrastructure Improvement CRF.

Questions & Discussion

