

# Town of Windham

Department of Public Works  
185 Windham Center Road  
Windham ME 04062

Doug Fortier Director  
[drfortier@town.windham.me.us](mailto:drfortier@town.windham.me.us)

Phone: 207-892-1909

Fax: 207-892-0542

To: Barry Tibbetts, Town Manager  
From: Doug Fortier, Director Public Works  
Date: August 26, 2021  
Re: Street Sweeper

I am requesting that you award the bid for a new 2021 Elgin Pelican three wheel street sweeper from CN Wood Co. for the total price of 229,500. This sweeper is in the capital equipment replacement plan, and will come from account 100-9110-44190 Capital Equipment Replacement in the approved fiscal 2022 budget

This purchase will give us a much needed second street sweeper. As the town has grown with more developments and with more of the town becoming regulated by the clean waters act we have struggled to sweep our roads in a timely manner which is required under our permit.

We sent out bid packages and advertised for this sweeper in July. We received bids from two vendors, CN Wood Co. with the Elgin Pelican, and Allied Equipment with a Global-M3.

The town had a Johnson street sweeper which was an earlier model Global. The maintenance issues we had with it was replacement of the two elevator belts, the squeegee's and 4 sprockets that ran the elevator which was a yearly cost. (In 2013 the last year we had the Johnson it was \$3,500 to replace these parts, now those same parts are \$6000 to \$7000 per year. ( see attached email from Gorham public works) There was also the design that caused the dirt and dust from the elevator that did not get into the hopper to fall onto the engine, the hydraulics, the electronics systems and with this design the radiators get continually sand blasted causing premature failure and replacement. The new Global is of the same design and it will also require DEF fluids as it is a Tier four engine.

The Elgin Pelican from CN Wood is the only sweeper that meets our specs for safety, operational features and is a non DEF Tier three engine. We have a 2013 Elgin Pelican sweeper that has proven itself to be one of the best mechanical sweeper on the market for both operational standpoint, and from a maintenance standpoint. In the 8 years we have had this sweeper beyond the

normal maintenance of oil, filters, brooms and other wear items we have only spent \$1400 on a turbo.

The bids for these sweepers were:

- \$203,816.00 for the Global M3
- \$229,500 for the Elgin Pelican

Even though the Pelican is \$25,684 more to purchase than the Global the annual maintenance cost of the Global will make up this difference in four or less years. We have a Pelican now so parts will not have to be duplicated.

I am recommending the approval of the purchase of the Elgin Pelican street sweeper from account 19100-47430 Capital Equipment Replacement.

Town of Windham  
8 School Road ~ Windham, Maine 04062

**PURCHASE AUTHORIZATION REQUEST  
FOR PURCHASES GREATER THAN \$10,000**

**THIS PURCHASE AUTHORIZATION REQUEST FORM MUST BE COMPLETED FOR ALL PURCHASE ORDERS EXCEEDING \$10,000. IT MUST THEN BE SIGNED BY THE TOWN MANAGER PRIOR TO PLACING THE ORDER WITH THE VENDOR.**

PO Number: \_\_\_\_\_  
(if available)

Estimated Dollar Amount: \$ 229 500<sup>00</sup>

Account to be charged: \_\_\_\_\_

Vendor Name: C N Wood Requested by: Doug Fortier

Description of purchase: Elgin Pelican Street Sweeper

**Purchases exempt from the policy:**

- utilities
- legal services
- audit services
- property, casualty & workers comp insurance
- employee benefits programs

\_\_\_\_\_  
Council Order Number  
(if applicable)

Date of Council Order: \_\_\_\_\_

  
\_\_\_\_\_  
Department Head

8/26/21  
\_\_\_\_\_  
Date

**APPROVED: CENTRAL OFFICE USE ONLY**

  
\_\_\_\_\_  
Town Manager

8/25/2021  
\_\_\_\_\_  
Date

Billing & Delivery after 1/1/2021

## Douglas Fortier

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**From:** Robert Burns <rburns@gorham.me.us>  
**Sent:** Thursday, August 19, 2021 7:15 AM  
**To:** Douglas Fortier  
**Subject:** Sweeper Costs

Doug,

Our "Global" sweeper...really a Johnston/Alliance back in the day costs us about \$6,000 to \$7,000 per year for 2 belts, 4 sprockets and a few flights. Usually a complete flight replacement every 2-3 years. The engine has been very reliable...the hydrostatic transmission we have done a repair on. Decent machine overall, but just maintenance intensive due to its operating environment.

Thanks,

Bob Burns, PE  
Public Works Director  
Town of Gorham  
Phone: 892-9062  
Fax: 893-2092



*NOTICE: Under Maine's Freedom of Access ("Right to Know") Law, documents - including emails - in the possession of public officials about Town business are considered public records. This means if anyone asks to see it, we are required to provide it. There are very few exceptions. We welcome citizen comments and want to hear from our constituents, but please keep in mind that what you write in an email is not private and will be made available to any interested party.*