

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST
FY25 SPRING ANNUAL TOWN MEETING**

Department: Department of Public Works - Highway Division	Priority #:	1
Project Title and Description: Replace Sweeper - H304	Total Project Cost:	\$456,000.00

Department/Division Head: Tim Balboni, Highway Manager

Check if project is: New ☐ Resubmitted ☒ Cost estimate was developed: Internally ☐ Externally ☒

For project re-submittals, list prior year(s): FY19,FY20,FY21,FY22,FY23

List any funding sources and amounts already granted: _____

Basis of Estimated Costs (attach additional information if available)			If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.		
Capital:	Cost	Comments	Fiscal Year:	Capital	Operations & Maintenance
<i>Planning and Design</i>			FY26		
<i>Labor and Materials</i>			FY27		
<i>Administration</i>			FY28		
<i>Land Acquisition</i>			FY29		
<i>Equipment</i>	\$380,000.00		FY30		
<i>Other</i>					
<i>Contingency</i>	\$76,000.00	20%			
Total Capital	\$456,000.00				

Project Justification and Objective: This sweeper runs daily during the season, The sweeper currently has high mileage, chassis is rotting out and the engine needs very frequent repairs.

For Capital Project Requests:

Will this project be phased over more than one fiscal year? If yes, enter it on the 5 Year Plan Yes ☐ No ☒
 Can this project be phased over more than one fiscal year? Yes ☐ No ☒

For Capital Equipment Requests:

☐ Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment

2007 Freightliner Broom Bear - 1FACXDC57HM76903 - Very poor condition

What is the expected lifespan of this new/replacement equipment: 15 to 20 years

Attach backup information, estimates, or justification to support this request.

Presents a Proposal Summary

of the



Broom Bear

Broom Bear Single Engine Street Sweeper with Dual Side Brooms

for

Town of Plymouth

October 25, 2023

PRODUCT DESCRIPTION

· Conveyor belt, variable height, right side dumping, 4.5 cubic yard hopper, with dual, hydraulically driven, trailing arm side brooms, sweeper is powder coated White with powder coated gray undercarriage.

STANDARD FEATURES

- Broom side, 46" steel vertical digger 4 or 5 segment
- Broom side, air floating suspension with adjustable reach, air deploy
- Broom, main, 34" diameter, 60" wide prefab disposable
- Broom Measurement Ruler
- Conveyor chain, hardened with polyurethane sprockets
- Conveyor, belt type with 13 molded-in full width cleats
- Conveyor, lift independent from main broom
- Conveyor, three-piece replaceable wear plates
- Conveyor flush out system
- Conveyor raise in reverse
- Conveyor stall alarm
- Dirt shoes, spring assisted, heavy duty single row carbide steel (rubber isolated)
- Electric backup alarm
- Hopper inspection door
- Hopper, 4.5 cu yd with window and skylight
- Hopper up indicator and beep
- Hopper, variable high dump; 9' 6", 4.5 yard
- Hose, hydrant fill, 16' 8" with coupling
- Hydraulic oil level gauge w/ external thermometer and in-cab level light
- Hydraulic system, load sensing with selectable transmission driven PTO pump
- Lights, automatic backup
- Lights, combination tail/stop, separate amber signal
- Lights, flood light, one per broom (3)
- Manuals, operator and parts
- Mirrors, West Coast type with 8" convex inserts, one each side
- Rear broom cover and anti-carryover wrap
- Rear broom spray bar
- Rear right hand flood light
- Reflectors, set of 6
- Sidebroom speed control, external to cab
- Sweep resume/raise in reverse
- Tactile controls for all sweep functions
- Tool storage
- Water fill, anti-siphon
- Water level indicator in-cab
- Water Pump, electric diaphragm
- Water tank, molded polyethylene, 360-gallon total nominal capacity
- AM/FM/CD Radio
- Left Hand Fender Mounted Mirror
- Steel Bristles with Polyethylene Segments
- Sweeper Painted Standard White
- Chassis Painted Standard White
- Red Logo
- Sweeper - Operator Manual
- Sweeper Parts Manual

ADDITIONAL FEATURES

- 2024 Freightliner M2 Chassis – Dual Drive
- Standard Electric Horn
- Sidebroom Tilt Option Right Hand Including Indicator
- In-Cab Function Control for Sidebroom Water
- Lifeliner Hopper System
- Hopper Full Indicator (volumetric)
- Autolube System - Sweeper Only
- Package 2: Single Rear/Single Hopper Beacon; LED with Guard
- Package A: LED Stop/Tail/Turn Lights
- Package B: Rear Mounted Arrowstick
- Warranty through 5th Year (Parts/Labor)
- Sweeper Service Manual
- Chassis Operators Manual
- Chassis Parts Manual
- Chassis Service Manual

Budget Price: **\$380,000.00**

Due to current market conditions and on-going supply chain issues, pricing is subject to change.

Thank you for considering C.N. Wood Enviro, LLC for your equipment needs.

LIMITED WARRANTY

ELGIN SWEEPER COMPANY warrants each new machine manufactured by it against defects in material and workmanship provided the machine is used in a normal and reasonable manner. This warranty is extended only to the original user-purchaser for a period of twelve (12) months from the date of delivery to the original user-purchaser.

ELGIN SWEEPER COMPANY will cause to be repaired or replaced, as the Company, may elect, any part or part of such machine which the Company's examination discloses to be defective in material or workmanship.

Repairs or replacements are to be made at the selling Elgin distributor's location or at other locations approved by ELGIN SWEEPER COMPANY.

The ELGIN SWEEPER COMPANY warranty shall not apply to:

1. Major components or trade accessories such as but not limited to, trucks, engines, tires or batteries that have a separate warranty by the original manufacturer.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as but not limited to, broom filters, broom wire, shoe runners and rubber deflectors.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended by ELGIN SWEEPER COMPANY.
5. Repairs, modifications or alterations without the consent of ELGIN SWEEPER COMPANY which, in the Company's sole judgment, have adversely affected the machine's stability or reliability.
6. Items subjected to misuse, negligence, accident or improper maintenance.

The use in the product of any part other than parts approved by ELGIN SWEEPER COMPANY may invalidate this warranty. ELGIN SWEEPER COMPANY reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty.

Nothing contained in this warranty shall make ELGIN SWEEPER COMPANY liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

TO THE EXTENT LIMITED BY LAW, THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

This warranty is also in lieu of all other obligations or liabilities on the part of ELGIN SWEEPER COMPANY, including but not limited to, liability for incidental and consequential damages on the part of the Company or the seller.

ELGIN SWEEPER COMPANY makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine.

No person or affiliated company representative is authorized to give any other warranties or to assume any other liability on behalf of ELGIN SWEEPER COMPANY in connection with the sale, servicing or repair of any machine manufactured by the Company.

ELGIN SWEEPER COMPANY reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.



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