

**Kenosha County
Administrative Proposal Form**

1. Proposal Overview

Division: Highway

Department: Public Works and Development
Services

Proposal Summary (attach explanation and required documents):

Repurpose Highway equipment capital funds to purchase a new message board and winter de-icing equipment.

Dept./Division Head Signature:

Clement Abonywa

Date: 8/27/20

2. Department Head Review

Comments:

Recommendation: Approval ☒ Non-Approval ☐

Department Head Signature:

RAH

Date: 8-27-20

3. Finance Division Review

Comments:

Recommendation: Approval ☒ Non-Approval ☐

Finance Signature:

Jan K...

Date: 8/27/20

4. County Executive Review

Comments:

Action: Approval ☒ Non-Approval ☐

Executive Signature:

[Signature]

Date: 8/28/20



COUNTY OF KENOSHA

Clement Abongwa
Department of Public Works
19600 75th Street, Suite 122-1
Bristol, Wisconsin 53104
(262) 857-1869
Fax: (262) 857-1885

DATE: September 8, 2020

TO: Finance Committee

FROM: Clement Abongwa – Kenosha County Highway Commissioner

SUBJECT: Repurpose Capital Funds – Purchase of Highway Equipment

The 2019 Highway Division Capital Budget included \$240,000 for the purchase of a new loader. The 2020 Highway Division Capital Budget included \$325,000 for the purchase of another new loader. The actual purchase prices for these two loaders were \$233,548 and \$263,721, respectively. The 2020 loader budget was based on a supplier quote received when equipment prices were expected to increase as a result of expected steel price increases. These cost increases did not materialize as expected and the Highway Division negotiated the purchase price of the 2020 loader to more closely match the price of the 2019 loader. Both loaders are received in 2020. The overall savings for these two pieces of equipment was \$67,731. Refer to the attached analysis for details.

The Highway Division currently owns two message boards. One of these boards is past its useful life, not usable and needs costly repairs. The second board is usable but is showing signs of age and a lack of dependability. Due to the large amount of construction activity in the County, three working message boards are needed. These days, when demand warrants, the Highway Division must borrow boards from contractors, neighboring municipalities or the State to meet its needs. The cost of a replacement message board is \$21,000 and the Highway Division requests the repurposing of this amount to replace one message board this year.

The Highway Division is always looking for new and improved ways of providing effective snow removal methods. In addition to road salt, liquid magnesium chloride is used by many municipalities in certain situations. Magnesium chloride is less expensive than road salt and easier to work with as long as temperatures are within a certain range. After using this product on a limited, trial basis for several years, the Highway Division has calculated that increasing the use of magnesium chloride during the right conditions is a less costly and more effective way to de-ice the highways in the County. Salt will still be used in most situations, but will be supplemented to a larger degree with the liquid. The recommendation is to outfit ten plow trucks with a liquid dispensing unit at a cost of \$4,000 per truck or \$40,000 in total.

These projects are included in the same budget appropriation category and therefore the repurposing of funds requires only the approval of the Finance Committee. No additional bonding is needed. The Highway Division requests the Finance Committee's approval and permission to repurpose \$61,000 to purchase the message board and de-icing equipment.

Thank you for consideration of this matter.

Respectfully Submitted,

Clement Abongwa
Highway Commissioner

Highway Loader Purchases.xls

| | 2019 Budget <u>Loader *</u> | 2020 Budget <u>Loader **</u> | <u>Total</u> |
|----------------------|--|---|---------------------|
| Original Estimate | 240,000 | 322,000 | 562,000 |
| Budget | 240,000 | 325,000 | 565,000 |
| Actual PO | 233,548 | 263,721 | 497,269 |
| Excess | 6,452 | 61,279 | 67,731 |

* This loader replaces an existing loader originally purchased in 1983 - 37 years old.

** This loader replaces an existing loader originally purchased in 1993 - 27 years old.

The Highway Division requires 4 loaders in order to maintain needed service levels. In addition to the 2 new loaders, Highway has a 20-year old loader and a nine-year old loader.



JOHN DEERE

JDConfigurator

1 Select Product 2 Build Product 3 **Customize Product** 4 View Summary

Accessorize Your Product

[Prepare for Customer](#)

[Send to JDQuote2](#)

[Send to JDMINT](#)

[View Summary >](#)

Attachments/Parts

Select the service or accessories you would like to add. When you are satisfied with your selections continue on to the next step.

644K LOADER

▼ MISCELLANEOUS

Engine Compartment Light 9240 \$145.00

▼ COLD START PACKAGES

Automatic Ether Starting Aid 9010 \$338.00

Recommended below -10 degrees F (-12 degrees C)
Recommended with Engine Block Heater for cold starts
below -10 degrees F (-23 C)

Ether can not included.

Engine Block Heater 9015 \$243.00

Recommend for cold starts below -10 degrees F (-23 C)

▼ QUICK FLUID SERVICE WITH ENVIRONMENTAL DRAIN

Quick Fluid Service 9045 \$850.00

Coupling system for Engine Oil, Transmission Fluid
Hydraulic Fluid and Engine Coolant

▼ ANTI-CORROSION

Electrical Corrosion Prevention Package 9210 \$1,425.00

Preventive corrosion treatment for use in corrosive
environments. Preventive corrosion treatment
includes dielectric grease for electrical connections
and polyurethane-based sealant on exposed
terminals.

▼ LIFT HOOKS

Lift Hooks 9510 \$428.00

▼ GUARDS AND SOUND ABSORPTION

Transmission and Bottom Guards with Level 2 9410 \$2,428.00

Sound Package Included
Recommended in applications where undersides
vulnerable.

▼ REAR HITCH AND COUNTERWEIGHTS

Less Hitch and Rear Counterweights 9540 (\$3,891.00)

For use with Standard or High Lift Linkage Codes
2010 or 2020

▼ TIRE BRAND PREFERENCE

No Tire Brand Preference CODE ON HAND PRICE

23.5R25 1 STAR L3 NO BRAND PREFERRED 9710 No Added Cost
RADIAL WITH 3 PC RIMS

▼ HYDRAULIC CONTROLS

Hydraulic Control System for Attachment Coupler 9310 \$1,452.00

Locking Pins

Prices listed are in USD.

Suggested List Price* \$322,768.00

Total Suggested List Price* \$322,768.00

Find

[Back to Top](#)

[Save](#)

[My Configurations](#)

[Product Features](#)

[Special Offers](#)

[Monthly Payment Estimator](#)

[Financial Options](#)

[Collapse Options](#)

[Price Page](#)

[Export](#)

[Dealer Locator](#)

[Clear Configuration\(s\)](#)

[Gold Key Tour](#)

[Sign Out](#)



2019 Loader



2020 Loader