



MEMORANDUM

DATE: February 21, 2023

TO: Honorable Mayor and City Councilmembers
Dave Perrault, City Administrator

FROM: David Swearingen, P.E. Public Works Director / City Engineer

SUBJECT: Public Works 2023 Capital Equipment Replacement – 2014 Bobcat Toolcat

Budgeted Amount:	Actual Amount:	Funding Source:
\$55,000	\$36,914.00 (Toolcat)	Equipment Replacement Fund
(2023 CIP net cost)	\$7,013.44 (Snowblower Attach.)	

Council Should Consider

Council should consider:

- Purchase of the 2023 Bobcat Toolcat in the amount of \$36,914.00 and the Annual Trade Options provided by the vendor.
- Purchase of the Bobcat Snowblower Attachment in the amount of \$7,013.44

Background/Discussion

The 2023 Capital Improvement Plan (CIP) includes replacement of the 2014 Bobcat Toolcat equipment, Unit 453. (Attachment A)

Staff recommends replacement of Unit 453 with a new 2023 Bobcat Toolcat. The Toolcat is used year-round but the primary purpose is sidewalk and trail plowing/snow blowing and it is also used to clean skating rinks. The total cost for the equipment, after trade-in, is \$36,914.00 per the quote in Attachment B. The CIP includes a budget of \$55,000 for this equipment in 2023.

Due to corrosion factors and down time associated with hydraulic leaks and other miscellaneous mechanical breakdowns, staff recommends replacing toolcats during high trade in values and before high costs of ownership from repairs. To provide consistent reliable service to the community, it's important to keep the equipment in good operating order and prevent downtime.

Attachment C is a quote to replace a 2010 Bobcat Snowblower attachment for \$7,013.44, which is currently not included in the CIP. The net cost of the Bobcat Toolcat is coming in \$18,086 under budget and staff is requesting Council consider replacing the 13-year-old snowblower unit using part of the budget. The remaining budget could be retained to help offset the additional costs associated with the replacement of the 2012 Plow Truck. If there is direction to proceed, staff will place the 2010 snowblower unit on auction and anticipates \$1,000-\$1,500 in return.

Budget Impact

Attachment A shows the 2023 CIP for Replacement of 2014 Bobcat Toolcat Unit 453.

Below is a table that shows the associated parts and labor costs for the life of Unit 453:

Date	Type of Work	Materials [\$]	Labor [\$]
8/7/2014	Corrective	\$11.66	\$46.00
1/25/2016	Corrective	\$56.91	\$50.00
3/4/2016	Corrective	\$30.52	\$50.00
7/14/2016	Corrective	\$134.50	\$275.00
2/24/2017	Corrective	\$254.39	\$118.65
8/16/2017	Corrective	\$269.35	\$286.00
10/24/2017	Corrective	\$1,947.81	\$962.00
12/14/2017	Corrective	\$41.79	\$416.00
4/11/2018	Corrective	\$180.32	\$1,788.75
7/13/2018	Corrective	\$0.00	\$438.00
1/7/2019	Corrective	\$0.00	\$405.00
4/7/2019	Preventative	\$162.12	\$0.00
11/13/2019	Preventative	\$1,132.78	\$418.75
7/2/2020	Corrective	\$0.00	\$225.00
9/11/2020	Corrective	\$27.54	\$560.85
2/26/2021	Preventative	\$0.00	\$180.00
7/7/2021	Corrective	\$0.00	\$45.00
7/22/2021	Corrective	\$823.50	\$1,644.28
11/24/2021	Preventative	\$217.05	\$353.70
1/5/2022	Corrective	\$0.00	\$152.10
4/28/2022	Corrective	\$2.84	\$607.50
6/9/2022	Corrective	\$241.16	\$1,011.15
8/30/2022	Corrective	\$264.25	\$707.75
11/21/2022	Preventative	\$40.05	\$0.00
		\$5,838.54	\$10,741.48
		Total:	\$16,580.02

The cost of Unit 453 was \$44,400. With the trade-in value of \$33,000 and the repairs and maintenance costs of \$16,580.02 over the last 8 1/2 years, the annual cost of Unit 453 worked out to be about \$3,292 per year.

The vendor, Lano Equipment, Inc. has offered 1 and 2 year trade-in options. There is not a contractual commitment for this offer and can be decided as the end of the first year of the equipment approaches. The City may want to consider one of these options as the program cost may be less than the actual repairs and maintenance cost plus depreciation of the unit. The biggest advantages of having this new piece of equipment annually is to avoid downtime, you can see in the above table that Unit 453 had minimal repairs done within the first 2 years. Also, the equipment is under a 1-year warranty, so any issues and costs will be covered.

Actual costs with direction to proceed with all items:

2023 Bobcat Toolcat	\$69,914.00
Unit 453 Trade-In	-\$33,000.00
2023 Bobcat Snowblower	\$7,013.44
Est. auction 2010 snowblower	-\$1,000.00
	<u>\$42,927.44</u>

Net cost included in the 2023 CIP: \$55,000

Attachments

Attachment A: Capital Improvement Program item for 2014 Toolcat Replacement

Attachment B: 2023 Bobcat Toolcat quote

Attachment C: Bobcat snowblower attachment quote