



AGENDA ITEM REPORT

Ordinance 23-09, An Ordinance of the City Council of Homer, Alaska Amending the FY23 Capital Budget by Appropriating \$40,000 from the General Fund Fleet Capital Asset Repair and Maintenance Allowance (CARMA) Fund for the Purchase of an Arctic Shark Ice Removal Attachment and Authorizing a Sole Source Purchase from Ultramech, LLC. City Manager/Public Works Director.

Item Type: Ordinance
Prepared For: Mayor & City Council
Meeting Date: 27 Feb 2023
Staff Contact: Jan Keiser, Public Works Director

Issue:

The purpose of this Memo is to recommend award of a Purchase Order for an Arctic Shark Ice Removal Attachment.

Background:

The freeze-thaw weather conditions we have been experiencing is causing drainage ways and snow on roadways to melt, flow and then, freeze on the roads, sidewalks and paths. This is causing havoc throughout our road system, despite our best efforts to keep up with sanding and use the graders to gouge out the hard packed snow and ice. Not only is sanding often a losing battle because the sand either washes away when it melts or gets glaciated over when it freezes, but the graders are suffering because they are not meant for this type of duty. We are spending more time and money on grader repairs.

We have found an ice-breaking attachment, called an Arctic Shark that fits on our loader that churns up the ice, much like a rototiller churns up sod. Treating the road like this allows us to scrape up the ice chunks and remove them from the road. Plus, it is easier for remaining ice to melt when temperatures rise above freezing. The vendor that sells Arctic Sharks brought one to the peninsula a week ago and demonstrated it on Hazel Avenue. It was amazing! It broke up the ice into pieces you could make margaritas out of. A week later, the area where the ice was broken up shows dry, ice-free pavement. The areas where the ice was not broken up still have a glaze of ice on them.

This procurement qualifies as a sole source because no other vendor in Alaska sells the Arctic Shark.

Staff Recommendation:

Conduct public hearing and move to adopt Ordinance 23-08 by reading of title only for second and final reading.

Attachments:

[Ordinance 23-09](#)

[Financial Supplement](#)

[Arctic Shark photo](#)

**CITY OF HOMER
HOMER, ALASKA**

City Manager
Public Works Director

ORDINANCE 23-09

A ORDINANCE OF THE CITY COUNCIL OF HOMER, ALASKA, AMENDING THE FY23 CAPITAL BUDGET BY APPROPRIATING \$40,000 FROM THE FROM THE GENERAL FUND FLEET CAPITAL ASSET REPAIR AND MAINTENANCE ALLOWANCE (CARMA) FUND FOR THE PURCHASE OF AN ARCTIC SHARK ICE REMOVAL ATTACHMENT, AND AUTHORIZING A SOLE SOURCE PURCHASE FROM ULTRAMECH LLC.

WHEREAS, The freeze-thaw weather conditions Homer has been experiencing is causing drainage ways and snow on roadways to melt, flow and then, freeze on the roads, sidewalks and paths, causing hazardous driving conditions throughout Homer’s road system; and

WHEREAS, Staff has located an ice-breaking attachment, called an Arctic Shark that churns up the ice, much like a rototiller churns up sod enabling crews to scrape up the ice chunks and remove them from the road and making it easier for remaining ice to melt when temperatures rise above freezing; and

WHEREAS, Staff have observed the Arctic Shark in action on a Homer road and conclude it would be highly effective in Homer; and

WHEREAS, Funds are available in the Fleet CARMA Fund to cover the \$40,000 purchase; and

WHEREAS, This procurement qualifies as a sole source because ULTRAMECH is the only vendor in Alaska sells the Arctic Shark.

NOW THEREFORE, THE CITY OF HOMER ORDAINS:

Section 1. The Homer City Council hereby amends the FY23 Capital Budget by appropriating \$40,000 for the purchase of an Arctic Shark Ice Removal Attachment as follows:

<u>Fund</u>	<u>Description</u>	<u>Amount</u>
152	Arctic Shark	\$40,000

Section 2. The City Manager is authorized enter into a sole source contract with ULTRAMECH to purchase the equipment.

Section 3. This is a budget amendment ordinance and shall not be codified.

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ENACTED BY THE CITY COUNCIL OF HOMER, ALASKA THIS ____ day of _____, 2023.

CITY OF HOMER

KEN CASTNER, MAYOR

ATTEST:

MELISSA JACOBSEN, MMC, CITY CLERK

YES:

NO:

ABSENT:

ABSTAIN:

First Reading:

Public Hearing:

Second Reading:

Effective Date:

CITY OF HOMER
FINANCIAL SUPPLEMENT

PROJECT NAME	<u>Purchase of an Arctic Shark</u>	DATE	<u>02/07/2023</u>
DEPARTMENT	<u>Public Works</u>	SPONSOR	<u>City Manager/PW Director</u>
REQUESTED AMOUNT	<u>\$ 40,000</u>		

DESCRIPTION	<p>The freeze-thaw weather conditions Homer has been experiencing is causing drainage ways and snow on roadways to melt, flow and then, freeze on the roads, sidewalks and paths, causing hazardous driving conditions throughout Homer's road system.</p> <p>Staff has located an ice-breaking attachment, called an Arctic Shark that churns up the ice, much like a rototiller churns up sod enabling crews to scrape up the ice chunks and remove them from the road and making it easier for remaining ice to melt when temperatures rise above freezing.</p> <p>Staff have observed the Arctic Shark in action on a Homer road and conclude it would be highly effective in Homer.</p>
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FUNDING SOURCE(S)	OPERATING	GF CARMA	GF FLEET CARMA	PORT RESERVES	WATER CARMA
	0%	0%	100%	0%	0%
	HAWSP	HART-ROADS	HART-TRAILS	PORT FLEET RESERVES	SEWER CARMA
	0%	0%	0%	0%	0%

FUNDING SOURCE 1: GF Fleet CARMA	FUNDING SOURCE 2:	FUNDING SOURCE 3:
Current Balance <u>\$ 1,074,197</u>	Current Balance _____	Current Balance _____
Encumbered <u>\$ 447,480</u>	Encumbered _____	Encumbered _____
Requested Amount <u>\$ 40,000</u>	Requested Amount _____	Requested Amount _____
Other Items on Current Agenda <u>\$ 6,950</u>	Other Items on Current Agenda _____	Other Items on Current Agenda _____
Remaining Balance <u>\$ 579,767</u>	Remaining Balance _____	Remaining Balance _____
FUNDING SOURCE 4:	FUNDING SOURCE 5:	FUNDING SOURCE 6:
Current Balance _____	Current Balance _____	Current Balance _____
Encumbered _____	Encumbered _____	Encumbered _____
Requested Amount _____	Requested Amount _____	Requested Amount _____
Remaining Balance _____	Remaining Balance _____	Remaining Balance _____



MODEL D108
ICE & COMPACTED EARTH RUBBLIZER
PATENTED



OPERATION & MAINTENANCE MANUAL

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