



STAFF REPORT

Date: May 28th, 2023

Title: Purchase a new excavator masticator to be used in defensible space fuel reduction and land management work.

RECOMMENDATION:

By Motion: The Board of Directors to approve the following:

1. Purchase a new 2023 Takeuchi TB370 excavator masticator using Replacement Reserve Funds from the 1988 John Deere 550G Bulldozer
2. Increase the Replacement Reserve Fund budget amount for an additional \$22,031 from \$152,149 to \$174,180 to purchase equipment that meets Tahoe Donner's current needs.

BACKGROUND:

The Forestry department's existing 1988 John Deere 550G bulldozer has exceeded its useful life and under the Replacement Reserve Fund came up for replacement in 2023. The current 2023 Reserve Replacement amount for the Bulldozer is \$152,149. Tahoe Donner has a very infrequent need for the bulldozer. The Forestry Department has a very strong need for a multipurpose excavator that can be used for fuel reduction work and general land management maintenance.

ANALYSIS:

In accordance with procedures, staff procured three estimates on two different possible models. Model comparisons are attached. Please note, heavy equipment purchases must be made through specific regional dealerships. Due to this, we secured extra quotes on two models to ensure Tahoe Donner pays a fair market price. The Northern California Takeuchi regional dealership is Global Machinery in Sacramento. The new excavator masticator is in stock and will be delivered to Tahoe Donner within a week of purchase.

The quotes are as follows:

Recommended equipment highlighted

Make	Dealer	Notes	Total
Takeuchi TB370	Global Machinery	Highest hydraulic capacity	\$174,180
Cat 306-07	Empire, Cashman	Lighter duty specifications	\$126,471
John Deere 60G	Pape Machinery		\$190,177
Make (Slightly larger)	Dealer	Notes	Total
Takeuchi TB290	Global Machinery		\$179,540
Cat 309-07	Empire, Cashman		\$204,776
John Deere 85G	Pape Machinery		\$190,177

- These prices include sales tax, (\$13,274.75 on the recommended Takeuchi TB370)

Staff recommendation is to purchase the Takeuchi 370 excavator masticator from Global equipment for a total of \$174,180 This will include delivery and staff safety training.



FISCAL IMPACT:

The amount of \$152,149 was approved in the 2023 Replacement Reserve Budget for the replacement of the John Deere 550G Bulldozer. The total sale price for the excavator masticator will total \$174,180 The additional \$22,031 will come out of the replacement reserve fund.

Note: Staff estimates we can save the \$22,031 in 2023, by self-performing work that would otherwise be contracted.

ALTERNATIVE:

Staff does not propose any alternative for the Board to consider as this is a critical piece of equipment for fuel reduction and forestry operations.

EXHIBITS:

Estimate for TB370 from Global Machinery attached.

Prepared by John Groom, Director of Land Management _____

Reviewed by Jon Mitchell, Director of Capital Projects _____

Reviewed by Todd Martyn-Jones, Director of Finance, Accounting and Business Support _____

Board Meeting Date: May 28th, 2023

General Manager Approval to Place on the Agenda: _____