



Memo

TO: Mayor Manier and City Council
FROM: Ed Andrews, Public Works Director
DATE: March 30, 2018
SUBJECT: Brush Hog (type) attachment for Skid Steer

EXECUTIVE SUMMARY:

In the current budget year, an additional tracked skid steer with a brush hog attachment was budgeted at \$85,000. The machine itself was purchased last fall at a cost of \$65,000, with the decision on the specific type of brush cutter attachment intentionally left open so as to better evaluate the machine and cutter options.

DISCUSSION:

Staff has evaluated a convention brush hog unit and a flail type unit. The flail unit is suited more for land clearing, i.e. along the sewer alignments, whereas the brush is more suited for dentition basin mowing. A balance between the two is Quick Attachment's Mega Mower, which is a 72" deck hybrid that will cut up to 6" diameter trees, which costs \$6,383. The alternate is the purchase of a dedicated flail mower or bush hog at budgeted amount of \$7,500 and rental of the other one at \$400/1400/3000 per day/week/month.

The City has previously purchased from Quick Attach a teleboom device currently in use at the Sewer Plant. The Mega Mower unit has operating flow rate of 30 to 40gpm, which either of our skid steers can supply since they both are high-flow units. This consideration is also being brought before Public Works Committee. A demonstration video can be seen at <https://youtu.be/4a4Yl8w1nXM>.

Staff finds that the Mega Mower by Quick Attachment should provide the versatility needed for maintaining sewer alignments as well as brush hog mowing in many of our detention basins and recommends purchase of this attachment at **\$6,383**.

This matter has been placed on the City Council agenda of Monday, April 2nd, 2018 for review and approval.

cc: File