



Memo

TO: Public Works Committee
FROM: Ed Andrews, Public Works Director
DATE: September 1, 2017
SUBJECT: 20T Tag Trailer and Trade-In of Fre

EXECUTIVE SUMMARY:

During the current Fiscal year, budgeting for a larger capacity 20T tag trailer in an amount of \$20,000 was allocated in the Motorized Equipment Replacement Fund (MERF). This consideration was presented and discussed at the most recent Public Works Committee meeting with the recommendation to also obtain trade-in allowances on the '96 Felling trailer no longer being used and to present for discussion at the next Committee of the Whole meeting.

We have updated quotes with trade-in at \$18,106 from Rawlings of Hopedale, IL and \$18,600 from Martin Equipment of Goodfield, IL for review and discussion.

BACKGROUND NARRATIVE:

In the current MERF program a carry-over purchase from last year of a 20T tag trailer was budgeted. Shop repairs on heavy equipment (backhoes, skid steer ...) and any large rental equipment requires the City to pay for transportation. The City routinely pays for transport yearly at least four to six moves at a cost of \$800 to \$1200 (\$200 each way). With an expected life of 20 year on a 20T unit, this roughly translates into a mobilization offset cost of \$1000 per year. At \$200 per contracted move (each way), the breakeven point is 5 moves per year.

Recent Discussion on this topic with the Public Works Committee also stepped through the City's current trailer fleet. Currently our heaviest capacity trailer is the '05 Remkor which is approximately 8T, specifically built and used for transport of the larger mowers. The trade-in trailer consideration is a '96 Felling, of even less capacity and has not been used in a number of years.



1996 Felling



Proposed 20T Tag Trailer

Distribution & Collection (RJ's Group) has stated that the heavier 20T trailer would also be ideal to support their Mr. Manhole operations, allowing for transport of skid steer, attachment and concrete "donut" cutouts.



A quick review of the current CAT Handbook shows that the trailer's capacity would be sufficient for transport of:

- 312 Excavator at a 29,000# operating weight.
- D6K2 XL Dozer at 29,345#.
- 924K Loader is 28,360#

The following updated prices were obtained for the 20T Tag Trailer and trade-in is summarized below:

20T Tag Trailers			
Unit	Behnke	Behnke	Behnke
Model	FB8X29SDPT	FB8X29SDPT	FB8X29SDPT
Type	20T Pintle	20T Pintle	20T Pintle
Vendor	Rawlings	Martin Equip	Funks
Location	Hopedale, IL	Goodfield, IL	Morris, IL
New	\$ 18,608.00	\$ 19,105.00	\$ 19,500.00
Trade-In	(\$500.00)	(\$400)	N/A
Net Price	\$ 18,108.00	\$ 18,705.00	\$ 19,500.00