

15. Runway Snow Blower

A, PROPOSED 2013 BONDING - -0-

B. PROJECT COSTS AND SOURCES OF FUNDS:

PROJECT COSTS:	2013	2014	2015	2016	2017	Total
Planning & design						\$ -
Land purchase						-
Construction						-
Equipment	715,000	450,000	400,000	400,000	400,000	2,365,000
Other						-
Total costs	715,000	450,000	400,000	400,000	400,000	2,365,000
PROJECT FUNDS:						
G.O.Bonds or notes		90,000	80,000	80,000	80,000	330,000
Outside funding		360,000	320,000	320,000	320,000	1,320,000
Tax levy						-
Airport fund balance	715,000					715,000
Total funds	\$ 715,000	\$ 450,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,365,000

C. DECIPTION AND JUSTIFICATION:

Project Description: Acquire a new Runway Snow blower to replace existing 21-year-old blower. The plan is to replace one piece of equipment annually to replace aging equipment.

Relationship to other projects and plans: Planned/phased acquisition / replacement of ageing snow removal equipment.

Justification and alternatives considered: The airport's current runway snow blower is reaching the end of its service life; it has already exceeded the FAA recommendation for replacement of snow removal equipment (10 years). The original manufacturer is no longer in business, having been acquired by another company. The new company no longer supports the line of equipment. Replacement parts are difficult, if not nearly impossible, to obtain. New technology in blower construction and operation offer significant benefits to acquiring new equipment.

ANNUAL OPERATING IMPACT: The runway blower we propose to replace is a 1990 Wausau/Schmidt (23 years old). There is no trade-in value; estimated value at a public auction is \$10,000-15,000. Recent maintenance accomplishments are as follows:

2007 – Air fan clutch failure, resulting from a broken shaft. Radiator and fan both destroyed; repair cost was approximately \$5,000 plus rental of Outagamie County Airport’s reserve blower. We also acquired a backup blower head for our front end loader to prevent future downtime. Downtime during 2007 was 4 weeks.

2010 – Transmission housing replaced for nearly \$10,000.

2012 – Four steering cylinder heads and steering cylinder replaced. Cost was approximately \$2,000.

2013 – Replaced warped drive shaft to blower head (downtime 2 weeks); cost approximately \$500.00

The blower head gearbox may have to be rebuilt in 2013 if we are unable to acquire a new blower; the conservative estimated cost for this is \$7,000. Parts for this vehicle are literally unobtainable and will have to be custom machined if needed.