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**PARKS, RECREATION & FACILITIES
MANAGEMENT**

Dean R. Gazza, Director

1819 East Witzke Boulevard
Appleton, Wisconsin 54911-8401
(920) 832-5572 FAX (920) 993-3103
Email - dean.gazza@appleton.org

TO: CEA Review Committee

FROM: Jeff Plasschaert

DATE: 3/21/2017

RE: Request to upgrade Reid Golf Course greens mower #622 to a Hybrid E-Cut greens mower.

Parks, Recreation & Facilities Management Department is requesting permission to upgrade Reid Golf Course's greens mower #622 to a Hybrid E-Cut mower when it is replaced in 2018.

#622 is currently used as a tee and surround mower, as new units come to Reid Golf Course we use them on the higher priority greens and flip units which were mowing greens towards tees and surrounds. The new Hybrid E-Cut is a hydrostatic transmission, gasoline powered mower, which in turn drives electric reel cutting units. The electric motors on the E-Cut mower provide less possible hydraulic leak points, less noise, and a consistent rate of cut at lower engine RPM's. Gaining the consistent rate of cut at lower RPM and quieter cutting units would allow the golf course maintenance staff the ability to work earlier and more efficiently without disturbing the neighbors. An additional benefit of the Hybrid E-Cut mowers is offset cutting units. Offset cutting units allow operators the ability to change their direction of cleanup passes and change the tire wear patterns on the greens which is very important when maintaining turf mowed at .125". Finally the ease of operation of the new Hybrid E-Cut mowers is greatly improved over the replacement machines. A simple armrest with levers to control reel engagement, RPM, and the raising and lowering of the cutting units make operating much simpler compared to multiple levers, gear shifting, etc. The golf course purchased a similar hybrid unit for use in 2016 with great results, on average 3 labor hours per week were saved mowing greens with this unit.

The estimated cost for this upgrade is \$3,200.00. If approved, the additional cost for the upgrade will be included in the Parks, Recreation and Facilities Management budget request for 2018.

Thank you for your consideration in this matter.