



# Minidoka County School District #331

*"We will increase instructional intensity in all classrooms through the use of Idaho Core Standards and by incorporating 21<sup>st</sup> century strategies to improve academic achievement and demonstrate growth for all students."*

## Lawn Equipment Proposal

January 8, 2018

Minidoka District Board Members, Dr. Cox,

The Maintenance Department is seeking to purchase a new wide area mower to replace two used wide area mowers that were purchased sometime prior to 2002. They are both 1990 model years. During the 2008 budget shortage the wiring harness burned up all the controls on one model. We have since used that mower for parts to service and keep the other mower running. Now the second mower is experiencing hydraulic problems as well as a mowing wing that had to be reattached because of damage. There is a lot of down time on this mower causing the crew to try to find ways to put the mower back in service. There is lots of unproductive time and money being used trying to keep this mower in service.

Currently the department mows 122 acres at least once a week and sometimes in the peak of the season some areas or schools need to be mowed twice. Mowing is accomplished with a variety of mowing machines to handle the small areas and mow around the trees and obstacles that are in the lawn area. Large areas of grass such as playgrounds, practice fields, soccer, football, baseball, and softball are mowed with wide area mowers.

The following is the list of the schools and how much acreage each has: Acequia 13 acres, Rupert 12 acres, Heyburn 12 acres, Paul 6 acres, East 15 acres, West 16 acres, Mt. Harrison 4 acres, DSC\TLC 4 acres, Minico 40 acres.

The following are pictures and details about the equipment that we have



Toro 580 D 1990 YR Parts

1536 Hrs.

14 ft. cutting width with 13 acres per hour production rate



Toro 580 D 1900

3944 Hrs.



Dixie chopper 72" 2010  
Zero Turn  
1582 Hrs.



Dixie Chopper 60" 2004      4 acres per hr. production rate  
Zero Turn  
1764 Hrs.



John Deere 1600 - 12 ft. 2006      11 acres per hr. production rate.  
2234 Hrs.



Each school has a small riding tractor used to mow small areas at schools as well as snow removal. These were purchased in 2003-2016. A few of the smaller mowers have been replaced.

I would propose that we purchase a Wide area mower to replace the worn out wide area mowers the district now operates. I have researched several wide area mowers in the last couple months and have found it difficult to find a mower that is even close to the Toro's

that we are wanting to replace. There was an abundance of 8' mowers available but the 12' to 16' cutting width is rather limited. I was able to locate 3.

The first option was a MowerMax it offered several options gave us the 16' cut but the price started at \$130,000.00 to \$150,000.00.

The second option is a Toro which would replace the two we have, again 16' cut. They didn't have any used so the price of a new Toro would be \$103,599.05 plus \$7,800.00 for a broom attachment.

The third option, and the one I am recommending, is the Jacobson HR800. This is NJPA pricing with a lot of favorable items that the other two didn't include.



The New Proposed Mower can mow 16 ft. wide and can mow up 21.3 acres an hour a top production. The blades are hydraulic driven Instead of Belt. The cost for this mower is \$97,492.00. I am not requesting a sweeper broom attachment at this time one can be purchased at a later time, so that we can use it to remove light snow, broom dirt and debris from parking lots. This would be an additional cost of \$7,850.00.

Thank you for considering this proposal.

Patrick Swigert

Maintenance Supervisor