

Waunakee Community School District

Current cleaning program compared to cleaning program implementing robotic machinery

Building	Current FTE	Recommended FTE	Current Load	REQUEST			
				Proposed FTE	Proposed Load	Robot Scrubber	Robot Vacuum
Arboretum ES	3.5	3.98	114%	3.28	94%	1 - Tennant X4	2 - Karcher Kira
Heritage ES	5.5	6.29	114%	5.41	98%	1 - Tennant X4	2 - Karcher Kira
Prairie ES	4	5.24	131%	4.5	113%	1 - Tennant X6	1 - Karcher Kira
Intermediate School	5.5	5.44	97%	4.52 4.57	80% 102%	1 - Tennant X4	1 - Karcher Kira
New Middle School	7.5	9.58	128%	8.29	111%	Already equipped	Already equipped
High School - South Campus	4.5	4.89	109%	4.28	95%	1 - Tennant X4	1 - Karcher Kira
High School - Main Building	8.5	12.39	144%	11.45	133%	Already equipped	Not needed
	39	47.81	120%	41.73	103%		

41.78 106.5%

* Current FTE includes Head Custodian actual cleaning time in their specific building

*Load: The load is the amount of assigned work. We recommend keeping the load between 95-105%

*Current: This is the cleaning plan with your buildings being equipped as they are today.

*Proposed: This the cleaning plan with the implementation of the robotic equipment.

Individual Price	\$49,025.4 (X4)	\$9,987.04
	\$66,187.78 (X6)	
Total Price	\$262,289.38	\$69,909.28
GRAND TOTAL	\$332,198.66	

Tennant X series robots 3 year warranty 3 year warranty Software plan covered for the life of the machine
Karcher Kira CV 50 3 year warranty no plan needed

** The Intermediate School erroneously used a larger piece of equipment in the calculation (Tennant X6), where the Tennant X4 is listed. The error created an incorrect number of 80% proposed load. The correct proposed load has been updated above (102%) using the correct piece of equipment (X4).

The proposal to the Board is to move .5 FTE from Intermediate and deploy robots at this time.

The second proposal is to move .5 FTE out of Heritage and deploy robots at this time. The .5 FTE would move to the high school, from where it had been reallocated when Heritage opened. This .5 FTE would serve the need at the HS South Campus.

Total Cost: \$118,024.88

2 robot vacs @ 9,987.07/each 2 scrubbers @ 49,025.4/each