



**FOREST LAKE AREA SCHOOLS
FOREST LAKE, MN 55025**

December 1, 2016

AGENDA ITEM: 9.6

**TOPIC: GUARANTEED ENERGY SAVING CONTRACT RELATED
TO LED LIGHTING RETROFITS**

BACKGROUND: Representatives from Apex Efficiency Solutions have been working with the School District to design facility lighting upgrades for LED technology at 5 different locations where the Bond Project will not be incorporating these upgrades. This guaranteed energy contract will also address heating and ventilation upgrades at our swimming pool.

PROCESS: The School District's Building & Grounds Committee as well as the School District's Finance Committee heard a presentation related to this project on November 17th. Administration is asking the School Board to approve this contract.

RECOMMENDATION: Recommend approval of Guaranteed Energy Savings Contract related to lighting upgrades for LED technology at 5 different locations where the Bond Project will not be incorporating these upgrades and address heating and ventilation upgrades at our swimming pool.



Exhibit A Summary of Work

Work Description	Location	Cost	Guaranteed Utility Savings	Annual O&M Savings	Potential Incentives	Net Cost	Simple Payback
General Improvements							
Lighting Upgrade - Replace existing lighting with LED retrofit technology.	Century JH; SouthWest JH; Forest View Elem; FLHS; FLES; Maintenance Facility	\$417,818.84	\$57,629	\$9,827	\$88,778	\$329,041	4.9
Pool Unit Replacement - Replace unit with new 100% OA	SouthWest JH	\$493,609	\$1,764	\$4,000	\$1,750	\$491,859	Capital Projects
Totals		\$911,428	\$59,393	\$13,827	\$90,528	\$820,900	11.2