

# CITY OF APPLETON 2020 BUDGET CAPITAL IMPROVEMENTS PROGRAM PROJECT REQUEST

IDENTIFICATION
Project Title:    Roof Replacement

PROJECT DESCRIPTION
<p>Justification:</p> <p>Roof areas at various facilities are reaching their expected life and are in need of replacement. Blistering, membrane shrinkage, etc. is affecting base flashings and causing leaks. Roofs require annual preventive and corrective maintenance to maximize their useable life. Each roof is inspected annually and repairs are completed as necessary. A roof audit was completed and roof replacements have been prioritized. Priorities can change and are adjusted annually if needed.</p> <p>2020 - MSB Cold/Barricade Storage (\$225,000)  2021 - Fire Station #4 (\$150,000)  2021 - Parks - various pavilions (\$100,000)  2022 - Fire Station #2 (\$125,000)  2022 - Wastewater - V-Building partial replacement (\$200,000)  2023 - Library partial replacement (\$400,000)  2024 - Wastewater-B-Building partial replacement (\$200,000)  2024 - Parks - various pavilions (\$125,000)</p> <p>Discussion of operating cost impact:</p> <p>Roofs are the most critical component of a facility and require ongoing repair and replacement. The average life span of a well maintained roof can reach 25 years. The City has 113 roof areas totaling over 536,000 sq. ft. The total replacement cost is estimated at \$5,092,000. Based on a 25 year replacement cost, we should expect an average of approximately \$203,680 in replacement costs annually to keep our roofs up-to-date. No overall impact on operating costs is expected from roof replacements.</p>

DEPARTMENT COST SUMMARY						
DEPARTMENT PHASE	2020	2021	2022	2023	2024	Total
PRFM        Fire Stations		150,000	125,000	-	-	\$ 275,000
Library				400,000		
MSB	225,000	-	-	-	-	\$ 225,000
Parks	-	100,000	-	-	125,000	\$ 225,000
<b>Facilities Capital Projects</b>	<b>225,000</b>	<b>250,000</b>	<b>125,000</b>	<b>400,000</b>	<b>125,000</b>	<b>\$ 725,000</b>
PRFM        Wastewater Plant	-	-	200,000	-	200,000	\$ 400,000
<b>WW Utility Capital Projects</b>	<b>-</b>	<b>-</b>	<b>200,000</b>	<b>-</b>	<b>200,000</b>	<b>\$ 400,000</b>
<b>Total - Roof Replacement Projects</b>	<b>\$ 225,000</b>	<b>\$ 250,000</b>	<b>\$ 325,000</b>	<b>\$ 400,000</b>	<b>\$ 325,000</b>	<b>\$ 1,525,000</b>

COST ANALYSIS						
Estimated Cash Flows						
Components	2020	2021	2022	2023	2024	Total
Planning	25,000	10,000	30,000	15,000	15,000	\$ 95,000
Land Acquisition	-	-	-	-	-	\$ -
Construction	200,000	240,000	295,000	385,000	310,000	\$ 1,430,000
Other	-	-	-	-	-	\$ -
<b>Total</b>	<b>\$ 225,000</b>	<b>\$ 250,000</b>	<b>\$ 325,000</b>	<b>\$ 400,000</b>	<b>\$ 325,000</b>	<b>\$ 1,525,000</b>
<b>Operating Cost Impact</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>