



# Heritage Room Improvement Project Potential Lighting Upgrades

Moses Cortez

Facilities, Parks & Trails Manager

# The Ask:

That the City Council provide direction on potential LED lighting upgrades for the Heritage Room Improvement Project.

# Background

- City Council approved a Construction Contract for the Heritage Room Improvement Project on January 3, 2024 in the amount of \$342,392.
- City Council asked staff to look into the cost and return on investment (ROI) to replace the current fluorescent lighting with new LED lighting.
- Staff committed to researching this information and return to Council with an update.



# Heritage Room Lighting Options

	<u>OPTION 1</u> Current Florescent Fixtures	<u>OPTION 2</u> New LED Fixtures
<b>CAPITAL COSTS</b>	No additional cost	\$44,863 for materials and installation
<b>OPERATIONS COSTS</b>	\$3,816 annually	\$835 annually
<b>ROI</b>	N/A	Approx. 15 years
<b>PROS</b>	No additional capital costs	<ul style="list-style-type: none"> <li>Uses up to 80% less energy</li> <li>Lower operating costs</li> <li>Life expectancy = 25x longer</li> <li>Tougher and more durable</li> <li>Generates less heat</li> <li>Incurs less damage on collection</li> </ul>
<b>CONS</b>	<ul style="list-style-type: none"> <li>Uses more electricity</li> <li>Higher operating costs</li> <li>Requires frequent replacement</li> <li>May cause light damage to collection</li> </ul>	Additional Capital Costs

**Thank You**

