



**CITY COUNCIL MEETING
STAFF REPORT**

Meeting Date: May 6, 2024		Subject: Resolution 3132 Street Lighting LED Conversion Phase 3 Project Construction Contract (CIP #4722)	
		Staff Member: Martin Montalvo, Operations Manager	
		Department: Public Works	
Action Required		Advisory Board/Commission Recommendation	
<input checked="" type="checkbox"/> Motion <input type="checkbox"/> Public Hearing Date: <input type="checkbox"/> Ordinance 1 st Reading Date: <input type="checkbox"/> Ordinance 2 nd Reading Date: <input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Information or Direction <input type="checkbox"/> Information Only <input type="checkbox"/> Council Direction <input checked="" type="checkbox"/> Consent Agenda		<input type="checkbox"/> Approval <input type="checkbox"/> Denial <input type="checkbox"/> None Forwarded <input checked="" type="checkbox"/> Not Applicable Comments: N/A	
Staff Recommendation: Staff recommends Council adopt the Consent Agenda.			
Recommended Language for Motion: I move to adopt the Consent Agenda.			
Project / Issue Relates To:			
<input type="checkbox"/> Council Goals/Priorities:	<input type="checkbox"/> Adopted Master Plan(s):	<input checked="" type="checkbox"/> Not Applicable	

ISSUE BEFORE COUNCIL:

City of Wilsonville Resolution approving Construction Contract with Aaken Corporation in the amount of \$458,254.00 for the Street Lighting LED Conversion Phase 3 Project (CIP #4722).

EXECUTIVE SUMMARY:

In pursuit of energy conservation and cost savings, the City desires to convert existing streetlights from the older, traditional sodium vapor lights to new long-lasting, energy-saving LED street lights.

Phase 1 of the conversion project focused on roadway lighting on Arterial and Collector class roadways. Completion of Phase 1 occurred in December 2021 and 932 streetlights were converted.

Phase 2 of this project converted 758 residential streetlights within the following neighborhoods: Ash Meadows, Brenchley Estates, Charbonneau, Courtside Estates, Foxchase, Montebello, Morey’s Landing, Park at Merryfield, Renaissance at Canyon Creek, Rivergreen and Wilsonville Meadows.

Phase 3 of this project will convert 335 residential streetlights within the following neighborhoods: Arbor Crossing, Canyon Creek Estates, Canyon Creek Meadows, Copper Creek, Cross Creek, Daydream River Estates, Hazelwood, Landover, Old Town, Renaissance at Canyon Creek, and River Estates.

On March 11, 2024, the City issued a Request for Bids from qualified contractors to convert the residential lights identified in Phase 3 to energy efficient LED lighting.

The City received two responsive bids for the project. The Low Responsive Bid was from Aaken Corporation for \$458,254.00. The conversion process will reduce the City’s annual energy consumption cost associated with these lights by an average 66% for the converted lights.

Phase 4 of the Conversion Project will commence in the summer of 2025, completing the street light conversions.

EXPECTED RESULTS:

By executing this professional services agreement with Aaken Corporation the City will reduce its overall energy cost associated with street lighting.

TIMELINE:

August 30, 2024, is the project completion deadline.

CURRENT YEAR BUDGET IMPACTS:

Funding for the project is included in the fiscal year 2023-2024 capital improvement plan budget.

COMMUNITY INVOLVEMENT PROCESS:

Communications staff and design consultant will be advising affected communities as to the construction impacts 30 days prior to change out with a targeted mailing and social media campaign. The City has created an interactive map on our website that will allow residents to confirm if they are one of the targeted areas.

POTENTIAL IMPACTS OR BENEFIT TO THE COMMUNITY:

By executing the contract, the City can decrease its overall energy consumption and utilities rates.

ALTERNATIVES:

Reject the Construction Contract as proposed and delay the conversion and update of the City's lighting system.

CITY MANAGER COMMENT:

N/A

ATTACHMENTS:

1. Resolution No. 3132
 - A. Construction Contract for Street Lighting LED Conversion Phase 3 Project (CIP#4722)