



## CITY COUNCIL MEETING STAFF REPORT

<b>Meeting Date:</b> June 6, 2022		<b>Subject: Resolution No. 2972</b> Authorizing the City Manager to Execute a Professional Services Agreement with Wallis Engineering PLLC to provide Engineering Design and Construction Support Services for the Charbonneau Utility Repair: Village Greens Circle and Edgewater Lane Project (CIP # 1500, 2500, 4500, and 7500)  <b>Staff Member:</b> Matt Palmer, PE, Civil Engineer  <b>Department:</b> Engineering	
<b>Action Required</b>		<b>Advisory Board/Commission Recommendation</b>	
<input checked="" type="checkbox"/> Motion <input type="checkbox"/> Public Hearing Date: <input type="checkbox"/> Ordinance 1 <sup>st</sup> Reading Date: <input type="checkbox"/> Ordinance 2 <sup>nd</sup> 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  <b>Comments:</b> N/A	
<b>Staff Recommendation:</b> Staff recommends Council adopt the Consent Agenda.			
<b>Recommended Language for Motion:</b> I move to adopt the Consent Agenda.			
<b>Project / Issue Relates To:</b>			
<input type="checkbox"/> Council Goals/Priorities:	<input checked="" type="checkbox"/> Adopted Master Plan(s): Charbonneau Consolidated Improvement Plan (CCIP)	<input type="checkbox"/> Not Applicable	

### ISSUE BEFORE COUNCIL:

A City of Wilsonville Resolution approving a Professional Services Agreement with Wallis Engineering PLLC in the amount of \$493,092.82 for Engineering Design and Construction Support Services for the Charbonneau Utility Repair: Village Greens Circle and Edgewater Lane Project.

**EXECUTIVE SUMMARY:**

The Charbonneau Utility Repair: Village Greens Circle and Edgewater Lane project (Project) is a two-phase construction project that will rehabilitate or replace stormwater, sanitary sewer, water, and street infrastructure identified in the Charbonneau Consolidated Improvement Plan (CCIP). The Consultant will provide engineering design and construction support for the project.

The CCIP, adopted on August 4, 2014, identified 15 high priority spot repair projects and 38 complete repair projects to address deficient infrastructure in the Charbonneau District. The 15 high priority spot repairs, which included the most deficient sewer and storm pipe lines, were repaired or rehabilitated in the first three years of the planned 25 year Charbonneau utility repair and replacement program. These were completed in calendar year 2018. The first two complete repair projects, French Prairie Drive Phase II and Old Farm Road Phase I, were constructed in calendar years 2020 and 2021, respectively.

The third and fourth complete repair projects scheduled in the CCIP are Village Greens Circle and Edgewater Lane, respectively.

In response to the City's advertisement, a total of three proposals were received on March 9, 2022. Staff evaluated the submitted proposals and unanimously selected Wallis Engineering as the most qualified and preferred consultant to perform engineering design and construction support services for this project.

**EXPECTED RESULTS:**

Wallis Engineering will provide engineered design plans, specifications, and cost estimates for both Village Greens Circle and Edgewater Lane projects making the projects both bid- and construction-ready. Wallis Engineering will also provide bid and construction support to City staff.

**TIMELINE:**

Upon execution of the professional services agreement (anticipated in July 2022), preliminary (60%) design work for both project phases will begin in early summer. Once preliminary design is completed, the two projects will be separated into two separate phases to be constructed in consecutive years. Final engineering design and specifications for the two phases are to be completed prior to each construction phase, approximately in early spring of 2023 for Village Greens Circle and early spring 2024 for Edgewater Lane. Bidding and construction of each phase of work is expected to occur in the spring and summer of 2023 and 2024.

**CURRENT YEAR BUDGET IMPACTS:**

The proposed budget for FY22/23 includes funding for engineering design and overhead for both Village Greens Circle and Edgewater Lane as summarized below.

CIP No.	Project Name	Funding Source	Proposed FY 22/23 Budget	Contract Amount
1500	Water	Water Ops	\$ 5,885	\$ 13,279.60
2500	Wastewater	Sewer Ops	\$ 182,477	\$ 129,599.65
4500	Street Maintenance	Street Maintenance Fee	\$ 208,893	\$ 114,011.40
7500	Storm Drainage	Storm Ops	\$ 429,425	\$ 236,202.17
Total			\$ 826,680	\$ 493,092.82

The engineering design work is within the proposed FY22/23 budget amount with the exception of water design work. The bulk of the water design work is associated with the Edgewater Lane portion of the project, which will largely occur in the FY23/24 budget year.

This project is included in the City's five-year capital improvement plan and will carry into the next fiscal year. Work associated with this contract will not proceed until adoption of the FY22/23 Budget by City Council.

**COMMUNITY INVOLVEMENT PROCESS:**

Staff initially met with Charbonneau residents in July 2014 and again in November 2015 to share the results of the Charbonneau Consolidated Improvement Plan and preliminary design plans associated with the 15 high priority spot repair projects. The City, with assistance from the design consultant, will host a public open house to share the plans with the Charbonneau residents and incorporate their comments and concerns into the final project designs.

During construction, a project website will be created to communicate related impacts and updates. Mailers will be prepared to communicate project impacts to residents within and adjacent to the construction sites.

**POTENTIAL IMPACTS OR BENEFIT TO THE COMMUNITY:**

The utility repairs contemplated under these projects will replace or rehabilitate deficient sections of water, sanitary sewer, and storm pipe and street segments within the Charbonneau District. The Wilsonville community will benefit from the projects by replacing aging and deficient infrastructure with newer materials that are expected to remain in good working condition between 20 (in the case of street surfaces) to 75+ years (in the case of water, sanitary sewer, and storm infrastructure).

**ALTERNATIVES:**

City staff, with the help of the design consultant, will evaluate a number of pipe rehabilitation and repair methods to help reduce the construction impact to the Charbonneau residents. The evaluation will include use of trenchless technology where appropriate to avoid open trenching of the roadways and within landscaped easements within the Charbonneau District.

**CITY MANAGER COMMENT:**

N/A

**ATTACHMENTS:**

1. Project Vicinity Map
2. Resolution No. 2972
  - A. Charbonneau Utility Repair: Village Greens Circle and Edgewater Lane Engineering Design and Construction Support Professional Services Agreement