



CITY COUNCIL MEETING STAFF REPORT

Meeting Date: February 24, 2022		Subject: Resolution No. 2962 Authorizing the City Manager to Execute a Fourth Amendment to the Professional Services Agreement with Stantec Consulting Services for Construction Support Services for the Willamette River Water Treatment Plant Expansion project (Capital Improvement Project 1144)	
		Staff Member: Mike Nacrelli, PE, Civil Engineer	
		Department: Community Development	
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 approve the Consent Agenda.			
Project / Issue Relates To:			
<input type="checkbox"/> Council Goals/Priorities:	<input checked="" type="checkbox"/> Adopted Master Plan(s): Willamette River Water Treatment Plant Master Plan Update 2017	<input type="checkbox"/> Not Applicable	

ISSUE BEFORE COUNCIL:

A City of Wilsonville Resolution approving a Fourth Amendment to the Professional Services Agreement (Amendment) with Stantec Consulting Services (Stantec) in the amount of \$1,296,799.95 for construction support services for the Willamette River Water Treatment Plant (WRWTP) Expansion (CIP #1144) project (Project).

EXECUTIVE SUMMARY:

The WRWTP is scheduled for expansion from 15 Million Gallons per Day (MGD) to 20 MGD design capacity necessary to meet projected demand as both Wilsonville and the City of Sherwood continue to grow. The 2017 WRWTP Master Plan Update identifies the improvements necessary for this expansion, including replacement of the existing obsolete ozone generation system.

Council adopted Resolution No. 2801 on March 16, 2020 authorizing the use of a Construction Manager/General Contractor (CMGC) alternative contracting method for construction of the Project. On July 6, 2020, Council adopted Resolution No. 2823 authorizing the award of a Professional Services Agreement (PSA) with Stantec for design of the Project. On August 16, 2021, Council adopted Resolution No. 2917 authorizing the award of a CM/GC contract with Kiewit for construction of the Project.

Now that the design phase of the work is nearly complete, the scope of work for the construction support services phase of work has been developed and the cost negotiated with Stantec. An amendment to the Stantec PSA is necessary to add the construction support services work to the contract. Stantec and Kiewit have worked collaboratively to advance the design to 90% completion and the proposed Amendment will allow for successful completion of the Project.

EXPECTED RESULTS:

The expanded WRWTP will provide sufficient capacity to accommodate growth in the City of Wilsonville for the next 10 years, facilities will be more seismically resilient and outdated equipment will be replaced.

TIMELINE:

Design is anticipated to be complete and a guaranteed maximum price (GMP) negotiated with Kiewit by March 2022, at which point construction would commence, upon authorization by Council. Construction is estimated for completion in March 2024.

CURRENT YEAR BUDGET IMPACTS:

The FY2021-22 budget includes \$25,311,900 for construction of the Water Treatment Plant 20 MGD Expansion project (CIP 1144) funded through a combination of water utility fees, water system development charges and contributions from the City of Sherwood. The current PSA contract amount with Stantec for Phase 1 engineering design services is \$4,017,753.58. This includes three previous amendments adding specific tasks to the design phase scope: seismic analysis of the WRWTP disinfection clearwell, structural analysis of a water transmission main impacted by the 5th Street/Kinsman Road Extension project, and assistance with early procurement of WRWTP ozone generators. The amount for the proposed Amendment for Phase 2 construction support services is \$1,296,799.95. The combined Phase 1 and Phase 2 Stantec PSA total is within the budgeted amount for the Project. This project is anticipated in the City's five-year capital improvement plan and will carry into the next fiscal year.

FINANCIAL REVIEW:

Reviewed by: KAK Date: 2/9/2022

LEGAL REVIEW:

Reviewed by: BAJ Date: 2/10/2022

COMMUNITY INVOLVEMENT PROCESS:

The scope and schedule of WRWTP expansion projects were identified and adopted as part of the 2017 WRWTP Master Plan Update. Adoption of the updated master plan included significant coordination and cooperation between the partner jurisdictions, including City of Wilsonville, City of Sherwood, City of Hillsboro, Tualatin Valley Water District, and the Willamette Water Supply Program. A webpage and virtual open house were provided where the entire master plan document could be viewed, and public comment and questions submitted. Public hearings before the Wilsonville Planning Commission and City Council were held as part of approval of the 2017 WRWTP Master Plan Update adopting ordinance (Ordinance No. 815).

POTENTIAL IMPACTS or BENEFIT TO THE COMMUNITY:

The Project will provide needed capacity expansion at the WRWTP to accommodate planned development in the cities of Wilsonville and Sherwood for the next 10 years. The Project includes opportunistic improvements to seismically improve the WRWTP and replace aging and outdated equipment while the expansion work is underway, reducing future maintenance needs, costs, and impacts to the plant.

ALTERNATIVES:

The Project work included assessment of a number of design alternatives in the expansion of the WRWTP. Each alternative has been assessed on the basis of cost, design life, regulatory compliance, support of planned future expansion, equipment reliability, and a number of other considerations, resulting in a well-planned, high-quality expansion of the City's water treatment infrastructure.

CITY MANAGER COMMENT:

N/A

ATTACHMENTS:

1. Resolution No. 2962
 - A. Willamette River Water Treatment Plant Expansion Fourth Amendment to Professional Services Agreement