



**CITY COUNCIL MEETING  
STAFF REPORT**

<b>Meeting Date:</b> February 6, 2023		<b>Subject: Resolution No. 3008</b> Authorizing the City Manager to execute a Professional Services Agreement with Consor North America, Inc. to Provide Engineering Consulting Services for the West Side Level B Reservoir and Tooze Road Transmission Main Project (CIP No. 1149)  <b>Staff Member:</b> Mike Nacrelli, PE, Senior Civil Engineer  <b>Department:</b> Community Development	
<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): Water System Master Plan 2012 (Project No. 125)	<input type="checkbox"/> Not Applicable	

**ISSUE BEFORE COUNCIL:**

A City of Wilsonville Resolution approving a Professional Services Agreement (PSA) with Consor North America, Inc. (Consor) in the amount of \$1,472,644 for the West Side Level B Reservoir and 24-Inch Transmission Main project, Capital Improvement Project (CIP) No. 1149.

**EXECUTIVE SUMMARY:**

The West Side Level B Reservoir and 24-Inch Transmission Main project (“Project”) will add storage capacity to Wilsonville’s water system as identified in the 2012 Water System Master Plan (MP) to keep up with planned growth. Storage capacity is essential to meeting peak demands from water users, supplying water during a power outage, and fighting fires. The Project will add a new 3 Million Gallon (MG) storage tank to the existing four tanks in the water system, increasing the total available storage tank volume from 7.6 MG to 10.6 MG, providing sufficient storage capacity to accommodate planned growth through at least the year 2030.

The new 3 MG reservoir will be located at 12771 SW Tooze Road (“Property”). The Property, purchased by the City in 2010 for the purpose of siting a new reservoir, is located near the intersection of SW Tooze Road and SW Kame Terrace, outside the City limits. The Project includes nearly 4,000 feet of 24” of ductile iron transmission main to connect the proposed reservoir to the City’s existing water distribution system.

Staff issued a Request for Proposals (RFP) in October 2022 for professional engineering services for the Project, including design, construction document preparation, bidding assistance, public outreach, and construction administration and inspection. Three proposals were received by the November 3, 2022 due date. Staff evaluated the submitted proposals and determined that Consor was qualified to perform the engineering consulting services for the Project.

**EXPECTED RESULTS:**

The Project will provide the needed storage capacity to meet water demands of planned growth within Wilsonville, ensuring adequate storage volume to meet peak demands from water users and supply water during a power outage, as well as meeting firefighting needs.

**TIMELINE:**

The preliminary design phase of the Project is scheduled to be completed by June 2023. Preliminary design will analyze the growth and demand projections from the MP to verify the required storage volume, as well as evaluating alternative tank dimensions and construction materials. Final design will be completed by December 2023, with construction anticipated for completion by October 2025.

**CURRENT YEAR BUDGET IMPACTS:**

The adopted budget for FY22/23 includes \$1.8 million in Water Operating funds for CIP #1149. The contract amount for engineering services is \$1,472,644, within the FY22/23 budgeted amount.

**COMMUNITY INVOLVEMENT PROCESS:**

Staff will work with Consor to prepare mailings to property owners within the vicinity of the Project, provide Project updates on the City web site, and conduct public meetings to present information about the project and address concerns of nearby residents.

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

Storage capacity is critical to meeting water demand from commercial, industrial, and residential within Wilsonville, providing sufficient flows for peak demands, emergency power outages, and firefighting needs. This Project will ensure adequate storage capacity now and into the future, serving anticipated growth through the year 2030.

**ALTERNATIVES:**

The Project will analyze alternative tank dimensions and materials for constructability and long-term reliability. Each alternative will be assessed on the basis of cost, design life, seismic resiliency, ease of planned future expansion, reliability, and a number of other considerations, resulting in a well-planned, high-quality expansion of the City's water storage capacity infrastructure.

**CITY MANAGER COMMENT:**

N/A

**ATTACHMENTS:**

1. Location Map
2. Resolution No. 3008
  - A. West Side Level B Reservoir and 24-Inch Transmission Main Professional Services Agreement