



**CITY COUNCIL MEETING
STAFF REPORT**

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| Meeting Date: June 17, 2024 | | Subject: Resolution No. 3149 Authorizing the City Manager to execute a construction contract with Tapani, Inc. for the West Side Level B Reservoir and Tooze Road Transmission Main Project (CIP No. 1149/1150/1151) Staff Member: Mike Nacrelli, PE, Senior 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 adopt the Consent Agenda. | | | |
| Project / Issue Relates To: | | | |
| <input checked="" type="checkbox"/> Council Goals/Priorities: Improve the City’s Emergency Preparedness | <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 construction contract with Tapani, Inc. in the amount of \$10,184,337.50 for the West Side Level B Reservoir and Tooze Road Transmission Main project, Capital Improvement Project (CIP) No. 1149/1150/1151.

EXECUTIVE SUMMARY:

The West Side Level B Reservoir and Tooze Road 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 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 an invitation to bid on May 1, 2024. Three bids were received by the May 29, 2024, due date. Staff evaluated the submitted bids and determined that Tapani, Inc. was the lowest responsive bidder 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 meet firefighting needs.

TIMELINE:

Construction will begin in July 2024 and be completed by October 2025.

CURRENT YEAR BUDGET IMPACTS:

The amended budget for Fiscal Year 2023-2024 (FY 23-24) includes Water Operating (Ops) and System Development Charge (SDC) funds for the West Side Level B Reservoir, Tooze Road Transmission Main, and supporting reservoir improvements as summarized below.

| CIP No. | Project Name | Funding Source | Adopted FY 23/24 Budget | Contract Amount |
|----------------|--------------------------|-----------------------|--------------------------------|------------------------|
| 1149 | Reservoir & Transmission | Water Ops & SDC | \$7,987,719 | \$10,044,837.50 |
| 1150 | Automated Valve | Water SDC | \$89,000 | \$45,000 |
| 1151 | Elligsen Altitude Valve | Water SDC | \$48,000 | \$94,500 |
| | | Total | \$ 8,124,719 | \$10,184,337.50 |

An additional \$8,267,687 in Water Ops & SDC funds are included in the proposed budget for FY 24-25, which is sufficient funding for CIP #1149/1150/1151 to cover the contract amount.

COMMUNITY INVOLVEMENT PROCESS:

Staff has worked with the design consultant team to prepare and send mailings to property owners within the vicinity of the Project, provided ongoing Project updates on the City web site, and conducted a public meeting on March 3, 2024, to present information about the project and address concerns of nearby residents. Project status updates will continue to be posted to the City web site as construction progresses.

POTENTIAL IMPACTS OR BENEFIT TO THE COMMUNITY:

Storage capacity is critical to meeting water demand from commercial, industrial, and residential users 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 analyzed alternative tank dimensions and materials for constructability and long-term reliability. Each alternative was 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. 3149
 - A. West Side Level B Reservoir and Tooze Rd. Transmission Main Construction Contract