



**CITY COUNCIL MEETING  
STAFF REPORT**

<p><b>Meeting Date:</b>  October 19, 2015</p>	<p><b>Subject: Resolution No. 2554</b> Contract Approval for Wastewater Treatment Plant Outfall Replacement – Phase I Design Services (CIP 2095)</p> <p><b>Staff Member:</b> Eric Mende, Capital Projects Engineering Manager <b>Department:</b> CD / Engineering</p>	
<p><b>Action Required</b></p>	<p><b>Advisory Board/Commission Recommendation</b></p>	
<p> <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 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         </p>	<p> <input type="checkbox"/> Approval  <input type="checkbox"/> Denial  <input type="checkbox"/> None Forwarded  <input checked="" type="checkbox"/> Not Applicable         </p> <p><b>Comments:</b></p>	
<p><b>Staff Recommendation:</b> Staff recommends Council adopt Resolution No. 2554.</p>		
<p><b>Recommended Language for Motion:</b> I move to approve the Consent Agenda.</p>		
<p><b>Project / Issue Relates To:</b> <i>[Identify which goal(s), master plans(s) your issue relates to.]</i></p>		
<p> <input checked="" type="checkbox"/> Council Goals/Priorities            - Environmental Stewardship,            Well Maintained Infrastructure         </p>	<p> <input type="checkbox"/> Adopted Master Plan(s)         </p>	<p> <input type="checkbox"/> Not Applicable         </p>

**ISSUE BEFORE COUNCIL:** Contract approval for Phase I Services (field investigations, preliminary design, permit submittals) for the 40-year old City of Wilsonville Wastewater Treatment Plant outfall pipe replacement. Construction is expected to occur in 2017. The proposed Phase I contract value is **\$288,262.00**.

## **EXECUTIVE SUMMARY:**

The Wastewater Treatment Plant (WWTP) outfall pipe was not included in the Plant upgrades completed in 2014. Near the end of the WWTP upgrade project, leakage from the 40-year old corrugated metal outfall pipe was discovered, and reported to the Oregon Department of Environmental Quality (DEQ). A Warning Letter with Opportunity to Correct was issued by DEQ (leakage is considered an unpermitted bypass) specifying interim repair requirements, followed by full replacement of the pipe and installation of a diffuser. Interim repairs were completed last year. The agreed upon schedule for completion of the pipe replacement and diffuser is October 2017.

This Project (Phase I) begins the preliminary design and permitting process for the pipe replacement and new diffuser. It is expected that a Phase II (final design) and Phase III (Construction Management) effort will follow Phase I using the same consultant. Since the Engineering and Permitting consulting costs will exceed \$150,000, a formal Request For Proposal using the State mandated Qualifications Based Selection (QBS) process was conducted, with CH2M – Hill Engineers Inc. selected as most qualified. The negotiated cost for Phase I is shown above. Phase II and III costs will be negotiated at a later date.

## **EXPECTED RESULTS:**

Short Term: Permit approvals (DEQ, DSL, USACE, others) to construct a new, larger diameter outfall plus diffuser structure in the Willamette River.

Long Term: A new outfall pipe and diffuser will provide wastewater discharge capacity up to 7 Million Gallons per Day to support future growth (adequate for year 2030 +/-).

## **TIMELINE:**

This Phase I:

October-November 2015: Conduct in-water bathymetric surveys, velocity profiles and other underwater and river bottom field investigations.

Nov 2105-Feb 2016: Preliminary pipe and diffuser design, permit application preparation.

February-March 2016: Submit various permit applications (allow 1 year for approvals).

Phase II: Final Design and bidding: July 2016 to April 2017

Phase III: Construction: May 2017 to October 2017

## **CURRENT YEAR BUDGET IMPACTS:**

The Project (CIP 2095) is budgeted this Fiscal Year at \$113,500, therefore, additional funding from the Sewer Capital Projects Fund will be required. \$100,000 in Sewer Operating funds will be re-allocated from CIP 2084 (Pump Station Improvements) and \$100,000 in Sewer SDC Funds will be re-allocated from CIP 2079 (Coffee Creek Interceptor Phase 1). Current estimates indicate these projects (2079 and 2084) remain adequately funded for Fiscal Year 15/16. The overall approved Sewer Capital Projects budget will remain unchanged at \$3,544,919. Therefore a supplemental budget is not being requested.

## **FINANCIAL REVIEW / COMMENTS:**

Reviewed by: SCole Date: 10/9/15

**LEGAL REVIEW / COMMENT:**

Reviewed by: MEK Date: 10/8/2015

The Resolution is approved as to form.

**COMMUNITY INVOLVEMENT PROCESS:**

No community involvement is planned for Phase I because this is a regulatory-driven project. A future informational process will occur during Phase II after the permitting process is completed.

**POTENTIAL IMPACTS or BENEFIT TO THE COMMUNITY** (businesses, neighborhoods, protected and other groups):

Potential positive impacts:

- Resolution of regulatory issue
- Future discharges through the new diffuser will improve water quality
- Increased capacity for future growth

Potential negative impacts:

- River and bank disturbance during construction (these will be mitigated)

**ALTERNATIVES:**

The project is a regulatory mandate. There are no feasible alternatives.

**CITY MANAGER COMMENT:**

**ATTACHMENTS:**

- A. Resolution No. 2554
- B. Professional Services Agreement w/Exhibits

**RESOLUTION NO. 2554**

**A RESOLUTION OF THE CITY OF WILSONVILLE AUTHORIZING THE CITY MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH CH2M-HILL ENGINEERS, INC. FOR PHASE 1 DESIGN AND PERMITTING SERVICES FOR THE WASTEWATER TREATMENT PLANT OUTFALL REPLACEMENT PROJECT (CAPITAL IMPROVEMENT PROJECT #2095).**

WHEREAS, the City has planned and budgeted for the completion of Capital Improvement Project #2095, known as the Wastewater Treatment Plant Outfall Replacement project (the Project); and

WHEREAS, the City solicited Requests For Proposals from qualified consultants for the Project that duly followed the State of Oregon Public Contracting Rules and the City of Wilsonville Municipal Code as set forth in the staff report dated October 19, 2015, a copy of which is marked Exhibit A, attached hereto and incorporated by reference as if fully set forth herein and ; and

WHEREAS, two proposals were received and evaluated using the Qualifications Based Selection process as required by Oregon law.

WHEREAS, CH2M-Hill Engineers Inc. was selected as the most qualified consultant, and a fee **\$288,262.00** for the Phase 1 services was subsequently negotiated between the parties for the Project.

NOW, THEREFORE, THE CITY OF WILSONVILLE RESOLVES AS FOLLOWS:

1. The procurement process for the Project duly followed Oregon Public Contracting Rules, and CH2M-Hill Engineers Inc. was determined to be the most qualified consultant for the project, and a fee was negotiated that is acceptable to the City of Wilsonville and is appropriate for the work scope.
2. The City of Wilsonville acting as the Local Contract Review Board, authorizes the City Manager to execute, on behalf of the City of Wilsonville, a Professional Services Agreement with CH2M-Hill Engineers Inc. for a stated value of **\$288,262.00**
2. This resolution becomes effective upon adoption.

ADOPTED by the Wilsonville City Council at a regular meeting thereof this 19<sup>th</sup> day of October 2015, and filed with the Wilsonville City Recorder this date.

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Tim Knapp, Mayor

ATTEST:

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Sandra C. King, City Recorder, MMC

SUMMARY OF VOTES:

Mayor Knapp	Yes
Council President Starr	Yes
Councilor Lehan	Yes
Councilor Fitzgerald	Excused
Councilor Stevens	Excused