STAFF REPORT

Meeting Type:	City Council
Meeting Date:	February 18, 2025
From:	AJ Thorne, Assistant Public Works Director
Subject:	Task Order Approval: Engineering Routing Study for Wastewater Conveyance to Gresham

DECISION TO BE MADE:

Whether to authorize the City Manager to execute a task order with Sandy's wastewater program manager, Stantec, to perform an engineering study to determine the means of conveyance for Sandy's wastewater to Gresham's Wastewater Treatment Plant.

BACKGROUND / CONTEXT:

On December 2, 2024, the Council directed staff to proceed with confirming the feasibility of sending Sandy's wastewater flows to Gresham's Wastewater Treatment Plant (WWTP) for treatment and discharge. Accordingly, staff began escalating planning conversations with Gresham and working toward this goal through a multi-faceted approach.

As stated in the recently signed Memorandum of Understanding (MOU) with Gresham, there are three areas of study required to confirm the feasibility of a connection from Sandy to Gresham's WWTP:

1. Engineering Evaluation of Sandy's Wastewater Flows on Gresham's Treatment Plant
2. (If required) Engineering Evaluation of Gresham's Wastewater Collection System
3. Preliminary Engineering Routing Study for Sandy Force Main / Pipeline

This staff report addresses Task 3 above; it is being paired with Task 1 above for Council consideration at this meeting. Task 2 above, if required, would involve determining capacity improvements through Gresham's collection system to accommodate the added flow. The need for this third piece may be brought before Council at a later date if necessary.

The route from Sandy's WWTP to Gresham's is approximately 14 miles, passing through existing easements, right-of-way owned by other jurisdictions, and finally through Gresham itself. While generally a downhill route, the topography this pipeline will pass through will require a combination of pressurized (pumped) and gravity flows. As Gresham is currently updating its 2020 Collections System Master Plan, system flows are being monitored and analyzed. This timing is convenient for Sandy, as it will help to determine how Sandy's wastewater is conveyed from Gresham city limits to their treatment plant on Sandy Boulevard.

KEY CONSIDERATIONS / ANALYSIS:

This task order will involve developing a routing study for the pipeline to Gresham, as well as a design report for the associated pumping required. The Stantec team will coordinate with City staff, Gresham staff, and the team performing Gresham's Master Plan to develop alternative routes for this conveyance system and rank them based on the criteria outlined in the scope of work.

Once a preferred route has been determined, a conceptual design report will be completed. This will not be a full design. This conceptual design will solidify a route, determine the construction method, identify permitting and regulatory requirements, identify environmentally sensitive or high-risk areas, and provide plans for operation among other considerations. Upon completion of this report and receipt of funding, Sandy will be able to advertise this project for full design in preparation for the first construction package.

The pump station conceptual design report will occur concurrently with the routing location, as the location and pumping requirements are interrelated. The pump station alternatives analysis will follow a format like that of the pipeline. Similarly, the conceptual design report produced will provide Sandy with a basis to proceed with full design and then prepare for construction.

Assuming Task Order approval, this task will be completed by the end of September 2025. Gresham staff will be involved in reviewing options within Gresham's city limits. Gresham, along with their current master planning consultant, will provide input on potential connection points for Sandy's wastewater flows.

The City Attorney has confirmed that awarding this work to our existing program manager is acceptable for the services in question. The same has already been confirmed with our WIFIA funding sources. The task order is within the scope of our existing contract with Stantec. This procurement approach will move this project along much more quickly and efficiently than alternative approaches.

BUDGET IMPACT:

This work has been quoted by Stantec at $279,166.51. This project, paired with the task order to perform an engineering analysis of Sandy's wastewater flows on Gresham's treatment plant (Task 1 above; $332,198.20) will increase Stantec's wastewater program budget from a not-to-exceed (NTE) of $3,577,252.80 to a NTE of $4,188,617.51.

This scope of work was initially budgeted as part of the Sandy River Outfall project and will be paid for with funds from our WIFIA loan originally designated for the Sandy River Outfall, resulting in **no net increase to the overall Sandy Clean Waters budget**. The EPA (the distributors of the WIFIA program funds) has confirmed that the change in project scope, shifting from the Sandy River Outfall to the Regional Treatment Solution, is acceptable. These changes are currently being processed by the EPA.

RECOMMENDATION:

Authorize the City Manager to sign the Task Order 3 amendment (Amendment 6) with Stantec to provide engineering services for the conveyance of wastewater flows from Sandy to Gresham's WWTP. This project will provide the conceptual design of a new pump station and an alignment study as part of the Sandy to Gresham Pump Station and Force Main project. The task order is for a not to exceed budget of $279,166.51.

SUGGESTED MOTION LANGUAGE:

“I move to authorize the City Manager to execute Task Order 3 with Stantec for engineering services to complete the conceptual design of a new pump station and a pipeline alignment study for the Sandy to Gresham Pump Station and Force Main project, as included in the meeting packet.”

LIST OF ATTACHMENTS / EXHIBITS:

- Task Order 3 Scope of work and fee
- Executed MOU with Gresham