

CITY COUNCIL REGULAR SESSION

Ordinance authorizing 1) award of Bid No. 20010, for Waste Water Pump Station Automatic Transfer Switch (ATS) Replacement to Colvico, Inc., as the lowest responsive and responsible bidder, in an amount not to exceed \$280,560 plus all applicable taxes (CIP Plan No. S-59); 2) amending the 2019-2025 General Capital Investment Program (CIP) Plan to transfer budget totaling \$253,000 from the Utilities Sewer Facilities -120th Ave NE (CIP Plan No. S-63) to the Waste Water Pump Station ATS Replacement Project; and, 3) increasing the 2019-2020 Utility CIP Fund appropriation by \$253,000.

Nav Ota, Director, 452-2041

Linda De Boldt, Assistant Director of Engineering, 452-4625

Utilities Department

EXECUTIVE SUMMARY

This Ordinance will award Bid No. 20010 to Colvico, Inc. for Waste Water Pump Station ATS Replacement and will increase the total program budget for the On-site Power at Sewer Pump Stations from \$302,993 to \$555,993. The proposed increase in program budget is requested to provide sufficient funds for the Waste Water Pump Station ATS Replacement Project. The source of additional funding will be from Utilities Sewer Facilities -120th Ave NE, which is complete and the program can be closed.

RECOMMENDATION

Move to adopt Ordinance No. 6511

BACKGROUND/ANALYSIS

On-site Power at Sewer Pump Stations (CIP Plan No. S-59) was originally conceived to provide on-site power at three high priority pump stations that relied on portable generators during power outages. A review of the sewer overflows between 2010 and 2017 revealed that there was only one occurrence of an overflow due to a power outage in 2011. The cost for the overflow cleanup was approximately \$836 for labor and materials. The cost benefit ratio did not warrant moving forward with new onsite generators.

It was subsequently determined that waste water pump station system reliability could be increased by replacing aging Automatic Transfer Switches (ATS) at high priority waste water pump stations that have existing emergency generators.

This project will replace aging ATS at six high priority waste water pump stations. The ATS are 24 to 30 years old and are too large for City of Bellevue Telemetry staff to replace. Operations and Telemetry staff have indicated that replacement of these ATS will significantly increase wastewater system reliability, especially in the event of windstorms that may cause power outages. Continued operation of our high priority waste water pump stations is critical to maintain sewer service to our customers.

Bids were opened on February 6 and are as follows. Please note, these bids include 10 percent Washington State sales tax on applicable bid items.

Colvico, Inc	\$308,616
Equity Builders LLC	\$377,300
Northeast Electric, LLC	\$378,721

Engineer's Estimate **\$256,399**

The low bid from Colvico, Inc. is \$52,217 or 20 percent greater than the engineer's estimate. This is likely due to the current bidding climate as well as an increase in equipment and wire costs.

To the best of staff's knowledge, all factors that normally contribute to construction expense have been accounted for in the plans and in the engineer's estimate. It is our experience that construction projects of this type usually result in some amount of field changes. Such claims are rigorously reviewed and only those that are clearly necessary to accomplish the intent of the contract, but have somehow not been provided for, will be paid.

POLICY & FISCAL IMPACTS

Policy Impact

Utilities Department policies: To invest resources as necessary to construct, maintain and renew sewer system infrastructure and equipment such that Utility customers are provided consistent, reliable service.

Utilities Department practice: Rehabilitate or replace deteriorated elements of wastewater system. CIP Plan No. S-59 have been designated to do this.

Bellevue City Code Section 4.28.040 requires the City to competitively bid public works in accordance with the Code and state law. Council approval is required to award the bid where the cost exceeds \$90,000.

Fiscal Impact

The total cost of this project is estimated at \$453,112. Other studies within the program have expended \$102,150. Therefore the estimated total program cost is \$555,262. This cost increase is due to the change in scope for addressing emergency power outages at wastewater pump stations to provide reliable wastewater services, as described above. The authorized budget for this program is \$302,993, resulting in an estimated shortfall of \$252,269 in Fiscal Year 2020. To fill the project budget gap, Council authority enabling a budget transfer of \$253,000 is being requested from the Utilities Sewer Facilities -120th Ave NE (CIP Plan No. S-63) to the Waste Water Pump Station ATS Replacement project to increase the Fiscal Year 2020 budget for CIP Plan No. S-59. This action will result in no net change to the total budget for the Sewer Utility CIP. Approval of this budget transfer will amend the project budgets for the CIP Plan as follows:

	Total Program Budget	Total Projected Expenditures	Projected Balance	This Action
S-59 On-site Power at Sewer Pump Stations	\$302,993	\$555,262	(\$252,269)	\$253,000
S-63 Utilities Sewer Facilities - 120 th Ave NE	\$788,914	\$341,470	\$447,444	(\$253,000)

Awarding this bid commits the City to payment of \$280,560, plus all applicable taxes. This contract is fully funded through On-site Power at Sewer Pump Stations Program (CIP Plan No. S-59). Sufficient funds have been budgeted to fund this contract in the 2019-2025 CIP Budget.

OPTIONS

1. Adopt the Ordinance authorizing 1) award of Bid No. 20010, for Waste Water Pump Station Automatic Transfer Switch (ATS) Replacement to Colvico, Inc., as the lowest responsive and responsible bidder, in an amount not to exceed \$280,560 plus all applicable taxes (CIP Plan No. S-59); 2) amending the 2019-2025 General Capital Investment Program (CIP) Plan to transfer budget totaling \$253,000 from the Utilities Sewer Facilities -120th Ave NE (CIP Plan No. S-63) to the Waste Water Pump Station ATS Replacement Project; and, 3) increasing the 2019-2020 Utility CIP Fund appropriation by \$253,000.
2. Do not adopt the Ordinance, reject all bids and provide alternative direction to staff.

ATTACHMENTS & AVAILABLE DOCUMENTS

- A. Vicinity Map
 - B. CIP Project Description
- Proposed Ordinance No. 6511

AVAILABLE IN COUNCIL LIBRARY

N/A