

CITY COUNCIL REGULAR SESSION

Resolution authorizing execution of a System Purchase Agreement Renewal and 4 year maintenance agreement with XC2/Swift Comply Software LLC for the purchase of the Swift Comply Backflow (Cross Connection Control) & FOG (Fats, Oils & Grease) software in an amount not to exceed \$73,151 for four years, plus all applicable taxes.

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Utilities Department

EXECUTIVE SUMMARY

Water quality compliance personnel conduct daily inspections on both commercial and residential businesses. Detailed records are required in accordance with Federal, State, County and City regulations for tracking and reporting to the Washington State Department of Health (DOH) and Washington State Department of Ecology (DOE).

This proposed software purchase renewal will keep the City in compliance as well as continue to improve our documentation and time efficiencies preserving our limited resources.

RECOMMENDATION

Move to adopt Resolution No. 9776

BACKGROUND/ANALYSIS

State drinking water rules require public water systems to develop and implement Cross-Connection Control (CCC) programs to protect public health. A cross connection is a permanent or temporary piping arrangement which can allow the drinking water to become contaminated if a backflow condition occurs. Under these CCC programs, some water system customers (property owners) may have to install backflow prevention assemblies to prevent the undesired reversal of normal flow in the drinking water system due to fluctuating water pressures. These backflow assemblies must be tested on an annual basis by certified backflow assembly testers to make sure they work properly.

Under the Washington Administrative Code (WAC), the City of Bellevue is required to implement a written CCC Program which includes developing and maintaining cross connection control records.

Following WAC requirements, the CCC program within the City of Bellevue's Utilities O&M Water Quality section manages a database with inspection records and history of over 15,000 privately owned backflow assemblies across the water service area. This number increased by 4,000 backflow assemblies over the last 10 years. In addition, site surveys or site inspections of internal plumbing use, as well as backflow assemblies are required as listed above. All records associated with the CCC program are required to be saved and reported out on an annual basis to the Department of Health (DOH).

Under Federal Regulations 40 CFR 403.5(a) & (b) outlined by the EPA, King County Code (KCC 28.84.060) and Bellevue City Code (BCC 24.04.213). Bellevue is required to curtail the discharge of Fats Oils & Grease (FOG) into the municipal sewer system which can solidify and trap other solid particles to completely plug the wastewater collection system. Unmaintained private pretreatment systems can increase more frequent maintenance to the City's sewer system, increasing cost and requiring premature replacement of municipal sewer piping.

Under Bellevue Municipal Code, all restaurants, cafes and any other FOG producing establishments are required to have appropriate pretreatment devices installed and maintained on a regular basis. The City of Bellevue inspects, maintains inventory of FOG control devices and records maintenance correspondence with private property managers and owners on a routine basis.

In 2019 XC2 was acquired by Swift Comply which took over maintenance of XC2 beginning the first of the year in 2020. This current XC2/Swift Comply software tracks the above information to address Federal, State, County and City requirements and improves record keeping efficiencies.

Table 1 below represents the previous contract from XC2 with the remaining balance owed this year. Table 2 represents the current proposed contract amendment.

Table 1

Previous XC2 Contract 2017-2020	Annual Fees
Initial Amount	\$147,765
Amendment 1 Adding FOG 2018	\$14,776
Subtotal	\$162,541
<i>Swift Comply Acquired from XC2 2020</i>	
Amount Remaining 2020	\$8,237

Table 2

2020 XC2/Swift Comply Amendment 2	Annual Fees
City Fiscal Year 2021 Annual Renewal	\$12,776
City Fiscal Year 2022 Annual Renewal	\$19,795
City Fiscal Year 2023 Annual Renewal	\$20,122
City Fiscal Year 2024 Annual Renewal	\$20,458
Subtotal	\$73,151

POLICY & FISCAL IMPACTS

Policy Impact

BCC 24.02.190 Cross-connection abatement and control

The utility shall initiate and carry out a cross-connection abatement and control program in conformance with state law by establishing and maintaining minimum requirements for the installation, inspection, testing, certification and maintenance of backflow prevention assemblies. The program shall meet the minimum requirements of WAC [246-290-490](#) and the latest edition of the Uniform Plumbing Code adopted by the City.

The utility hereby adopts by reference the standards and requirements of WAC [246-290-490](#), as now or hereafter amended.

Fiscal Impact

Awarding this bid commits the City to payment of \$73,151 for four years, plus all applicable taxes. This contract is budgeted in the 2021-2022 budget and will be included in future budgets.

OPTIONS

1. Adopt the Resolution authorizing execution of a System Purchase Agreement Renewal and 4 year maintenance agreement with XC2/Swift Comply Software LLC for the purchase of the Swift Comply Backflow (Cross Connection Control) & FOG (Fats, Oils & Grease) software in an amount not to exceed \$73,151 for four years, plus all applicable taxes.
2. Do not adopt the Resolution and provide alternative direction to staff.

ATTACHMENTS & AVAILABLE DOCUMENTS

Proposed Resolution No. 9776

AVAILABLE IN COUNCIL LIBRARY

Consent to Assign XC2 → SwiftComply Form
XC2 Cross Connection Control Contract