Water and Wastewater Experience

NORESCO



NORESCO is an infrastructure project developer serving municipal water and wastewater utilities and other government and institutional customers.

By employing a combination of technical capabilities and structured finance solutions, we help our clients implement projects that they might not otherwise be able to implement. We minimize impact to ratepayers by monetizing operating cost reductions and revenue enhancements and reinvesting in capital improvements that modernize plants and infrastructure, improve operational efficiency, and address environmental compliance issues.

For more information, contact:

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Large Southeast Wastewater Treatment Plant (under construction)

Project Cost: \$78 million

Annual Cost Savings:

Contract Term:

15 years

Project Cost:

(estimated)

\$39 million

Contract Type:

Progressive

Design Build

\$5.2 million

Project Scope: Progressive Design Build Guarantee installation of Biosolids dryer (94 dry ton per day facility, produces Class A biosolids, 90+% cake)

• UV disinfection (replace Trojan 4000 with Trojan Signa, substantial reduction in power consumption and system maintenance)

Large Midwestern Water Resources Recovery Facility

Project Scope:

- Complete replacement of existing effluent water pumping system (building, pumps, piping, etc.)
- Right-size pumping
- Improve controls
- · Filtration of effluent water for use in seal water and chlorine carrier water

Reaeration tank and solids contractor rehabilitation

Regional Wastewater Treatment Plant

Project Cost: Project Scope: \$16 million Sluice and slide gate replacement at the solids contractor (2 phases) Automated control of biotower pump sequencing

- Annual Cost Savings:
- Compressed air system improvements \$1.1 million
- Contract Term: 15 years
- Dissolved air flotation thickener circulation optimization Sludge pumping optimization
- 287 kw solar photovoltaic system