ARLINGTON BOOSTER STATION

Arlington Booster Station Upgrades

Recently, Riverside Public Utilities (RPU) completed upgrades to its Arlington Booster Station facility. The facility, constructed in 1974, serves approximately 515 customers. Its three existing pumps were in poor condition and failing to maintain the pressures needed to support the pressure zone.

Four new variable speed vertical turbine pumps were installed, each rated at 100 to 650 gallons per minute, allowing the station to maintain a constant pressure in the zone and improve service connections and fire safety.

The upgrades also included a new prefabricated building that secures the equipment and reduces noise. The building also features a hinged roof that provides easy access to the equipment.

Through smart planning, RPU staff came in under budget and saved the City $185,000.

Project Cost Breakdown:

Pump panels	$	27,095
Piping and fittings	$	24,830
Pump and motors	$	46,203
New prefabricated building	$	46,852
Electrical and SCADA materials	$	20,000
Civil work	$	27,278
Electrical utility service modifications	$	25,000
Contingencies	$	19,741
Total:	**$**	**237,000**
Actual:	**$**	**215,070**

Special acknowledgements go out to RPU's Water Field staff for their help in completing the civil site work and Electric staff for their electrical utility contributions.



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