

## **Backflow Preventor Replacement Description**

**Location 1:** Iao Intermediate School  
260 South Market Street  
Wailuku, HI 96793

**DCDA vault right of main entrance to office.**

**Description of Work:** Replace existing 6" Watts 709 Double Check Detector Assembly (DCDA) back flow preventer.

**Details of Installation:** Due to corrosion and failed back flow preventer testing, this unit requires replacement. Remove existing back flow preventer, including all piping, bolts, and fittings as required. Replace with 6" Watts 709 DCDA (or equal), custom fit to meet existing piping conditions. Work to include any new piping, fittings, gaskets, etc., to meet County of Maui, Department of Water Supply Water System Standards, and meet all State and County plumbing codes. Work includes all labor, equipment, materials, transportation, overhead, profit, all applicable taxes and any other incidentals and operational expenses incurred to perform the work.

**Location 2:** Lahaina Intermediate School  
871 Lahainaluna Road  
Lahaina, HI 96761

**Approximately 100 yds above basketball courts, near meter vaults.**

**Description of Work:** Replace existing 6" Ames 4000 back flow preventer

**Details of installation:** Due to corrosion and failed back flow preventer testing, this unit requires replacement. Remove existing back flow preventer, including all piping, bolts, and fittings as required. Replace with 6" Wilkens 375ASTR (or equal), custom fit to meet existing piping conditions. Work to include any new piping, fittings, gaskets, etc., to meet County of Maui, Department of Water Supply Water System Standards, and meet all State and County Plumbing codes. Work includes all labor, equipment, materials, transportation, overhead, profit, all applicable taxes and any other incidentals and operational expenses incurred to perform the work.

**Location 3:** Kamalii Elementary School

180 Kealii Alanui Street

Kihei, HI 96753

**Right of Kananui Road entrance, in vault**

**Description of Work:** Replace existing 8" Febco 806Y Double Check Detector Assembly (DCDA) back flow preventer

Install replacement unit above ground. Abandon existing vault in place.

**Details of installation:** Due to corrosion and failed back flow preventer testing, this unit requires replacement. Remove existing back flow preventer in vault, including all piping, bolts, and fittings as required. Replace with 8" Wilkens 350ASTDAR (or equal), custom fit to meet existing piping conditions. Work to include any new piping, fittings, flanged coupling adapter, gaskets, etc., to meet County of Maui, Department of Water Supply Water System Standards, and meet all State and County plumbing codes. Work includes all labor, equipment, materials, transportation, overhead, profit, all applicable taxes and any other incidentals and operational expenses incurred to perform the work.

**Note and Specifications for all work:** All bids shall be made through the HlePRO (<https://hiepro.ehawaii.gov/welcome.html>) on the solicitation document(s) available on the HlePRO.

All removal and replacement of backflow preventers shall be done during the normal business hours of Monday through Friday, 7:00 am to 4:30 pm, excluding holidays. Contractor to notify fire alarm company serving the school of a water service shutdown while repairs are made, and to put the alarm system in test mode during repairs.

Contractor shall arrange for a certified backflow preventor to test the unit, meeting County of Maui requirements, after the installation is complete. Any failures during testing shall be rectified by the contractor, and the back flow preventor shall be retested until it passes the required test parameters. The test results shall be submitted to DAGS via email to Malia Cardoza at: [malia.r.cardoza@hawaii.gov](mailto:malia.r.cardoza@hawaii.gov), prior to final payment.

Contractor may bid on all or any of the proposed backflow locations listed in the request for proposal. Contractor shall be compliant with all State tax requirements as determined by Hawaii Compliance Express (HCE), at the time of bid submittal.

At the time of bid opening and through the contract period, Contractor shall have a current State of Hawaii C-37 Plumbing Contractors license. Contractors' license shall be provided as part of this bid.

The notes above shall serve to supplement the State of Hawaii General Conditions, attached herein, and be considered part of the contract.