

March 23, 2012

To: Executive Board
Subject: **Bus Wash Upgrade**

Recommendation

Authorize the Executive Director to issue Amendment No. 5 to Agreement No. 10-022 for Bus Wash Equipment Replacement in the amount of Two Hundred Twenty-Six Thousand Three Hundred Sixty-One Dollars and Forty Eight Cents (\$226,361.48) for equipment upgrades.

Analysis

At the January 2010 Executive Board Meeting, the Board authorized the Executive Director to enter into a contract with N/S Corporation for the removal and replacement of bus washing equipment at Foothill Transit's Pomona and Arcadia Operations and Maintenance facilities. The new bus wash equipment, designed by Maintenance Design Group, was built and installed by N/S Wash at both facilities during 2010 and 2011.

In an effort to reduce energy consumption the design approach of an energy efficient bus wash system was pursued. The design incorporated a reverse osmosis system with a high pressure wash in place of air dryers and rear brushes that required a lot of energy to operate.

Recently, N/S Corporation developed a new air dryer system with the capability to efficiently blow water off the bus fleet using less than half the power of the old system. The new air dryer along with the upgrades listed below will eliminate water spotting and further improve the cleaning capability of the bus wash.

- Scrubber/miter curtain to clean rooftop and scrub the front of the bus
- Wrap-around brushes to clean the sides and rear of the bus
- Undercarriage wash and rust inhibitor
- Speed control system to ensure proper bus speed through the bus wash
- Lammscloth for four existing brushes to improve scrubbing and cleaning of the bus
- Activation systems that will activate the bus wash for car wash purposes

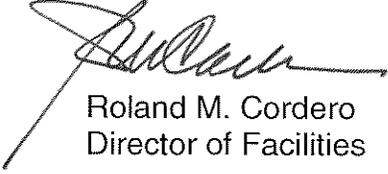
Budget Impact

The Bus Wash Equipment Replacement is an ARRA funded project. ARRA funds are still available and are included in Foothill Transit's approved FY 2012 Business Plan.



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Sincerely,



Roland M. Cordero
Director of Facilities



Doran J. Barnes
Executive Director