



# MEMORANDUM

## CITY OF LANGLEY

112 Second St./PO Box 366 Langley, Washington 98260 (360) 221-4246

**To:** Mayor Samuelson and Members of the City Council

**From:** Challis Stringer, Director of Public Works *CMS*

**Date:** May 25, 2010

**Re:** Funding for Chlorination Change from Gas to Tablet

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One of our goals in the Public Works department has been to change from gas chlorination of our water system to another form of chlorination that is not as hazardous. Given the close proximity of the Fairgrounds and the South Whidbey Middle School to the area of the water pump house it is an important step in making a safer environment not only for ourselves but our community.

After nearly two years of work we have come to the decision to switch to a tablet form of chlorination. The cost to convert from gas to tablet will be \$13,036.20. This funding was budgeted for in our 2010 Budget from the Water Capital Project Fund.

We recommend you approve the quote from Correct Equipment, for \$13,036.20 for the PPG Tablet Chlorinator, Residual Monitor, Flowmeter Signal Calculator, Chlorine Back Pressure Valve and Installation.



May 17, 2010

To: Randi Perry, City of Langley

From: Howard Taub

### **CHLORINATOR PRICING**

PPG Tablet Chlorinator, Manually or Automatically Operated to dose approximately 400 gpm at 60 psi with 3.5 ppm chlorine.

Price: \$4,015.20 FOB Factory, FFA to site

Includes VFD.

### **RESIDUAL MONITOR/CONTROLLER PRICING**

Prominent Chlorine Residual Monitor/Controller Package - \$5,100.00 FFA to site

### **FLOWMETER SIGNAL CALCULATOR**

Red Lion panel for combining both flowmeter signals into one and forwarding the signal to the controller - \$1,199.00

### **CHLORINE BACK PRESSURE VALVE**

This non-metallic valve will maintain constant pressure to the chlorinator. - \$408.00

**INSTALLATION PRICING**

Install all of the above, including startup and training - \$2,314.00

**Total - \$13,036.20**