

If this item is pulled from the Consent Agenda the following motion would be in order:

POSSIBLE MOTION

I MOVE to approve Resolution 2011-16 on first and final reading.

MEMORANDUM

To: Mayor Westover and Members of the Assembly
Jim Dinley, Municipal Administrator

Through: Michael Harmon Public Works Director

From: Stephen L. Weatherman, P.E., Municipal Engineer
Mark Buggins, Environmental Superintendent

cc: Jay Sweeney, Finance Director

Date: July 20, 2011

Subject: GRANT REQUEST FOR CATHODIC PROTECTION FOR SIX LIFT STATIONS

Background:

The major wastewater lift stations were installed 25 to 30 years ago. During construction the steel modules were protected from exterior corrosion by a protective coating and buried bags of magnesium anodes. These protective systems are reaching the end of their useful life. Replacing one of these major lift stations is expected to cost well in excess of \$500,000 each so protecting them from corrosion is a sound investment.

Norton Corrosion Limited performed a corrosion study on 14 of our lift stations in 2010. They recommended providing impressed current cathodic protection to the most critical and expensive to replace lift stations. The Wastewater Division selected 6 lift stations for this project, they are: Thomsen, Brady, Lincoln, Sandy Beach, Halibut Point and Eagle Way.

Norton Corrosion has completed designs and cost estimates for cathodic protection for these six important lift stations. Total estimated project cost is \$360,000.

Analysis

Public Works recommends applying for a 70/30 ADEC municipal matching grant for this project. The 30% match is \$108,000. These funds would come from existing WW Fund project #90259, Cathodic Protection of Lift stations which has a balance of \$119,000.

Assembly approval of the attached resolution is required to complete the application for the grant by the deadline on August 1, 2011. The application does not commit the City and Borough to utilize the grant.

Recommendation:

Approve Resolution 2011-16 authorizing the City and Borough to obtain a grant for the cathodic protection of 6 lift stations, in the amount of \$252,000.

CITY AND BOROUGH OF SITKA

RESOLUTION NO. 2011-16

**A RESOLUTION OF THE CITY AND BOROUGH OF SITKA, ALASKA
AUTHORIZING A MATCHING GRANT APPLICATION TO THE
ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CATHODIC PROTECTION OF SIX (6) WASTEWATER LIFT STATIONS**

Whereas, the major wastewater lift stations are over 25 years old and the steel modules are exposed to exterior corrosion; and

Whereas, the major wastewater lift stations, a significant investment, are in need of protection from corrosion; and,

Whereas, the Wastewater Fund had a corrosion survey performed and designs completed for installation of cathodic protection of the six (6) most critical lift stations; and,

Whereas, the Department of Environmental Conservation has a Municipal Matching Grant program which could fund the installation of the cathodic protection systems; and

Whereas, the Municipal Matching Grant program will provide 70% of the funding and the City a Borough of Sitka Wastewater Fund would provide the remaining 30% match; and

Now therefore be it resolved by the Assembly of the City and Borough of Sitka that Sitka is committed installing cathodic protection on Thomsen, Brady, Lincoln, Sandy Beach, Halibut Point and Eagle Way lift stations.

Be it further resolved that the Administrator is authorized to apply to the Alaska Department of Environmental Conservation Matching Grant Program for \$252,000 to install cathodic protection at these six (6) lift stations;

Passed and approved by the Assembly of the City and Borough of Sitka, Alaska on this 26th day of July, 2011.

Cheryl Westover, Mayor

ATTEST:

Colleen Ingman, MMC
Municipal Clerk