

**CITY OF TONKA BAY
ITEM NO. 9B**

Memo

To: Honorable Mayor and City Council
From: Robin Bowman, Public Works Superintendent
Date: November 12, 2013
Re: Lime Storage Tank Dust Collector "Filter" & Fan

In 2012, the City budgeted \$33,000 for a new lime storage tank dust collector and fan. I have contacted four vendors (Donaldson Torit, Dynequip, Larkstur Eng. and Glacier Technology, Inc.). My predecessor had contacted two of the four (Dynequip and Larkstur Eng.) and based his number off what they gave him for the replacement cost of the dust collector. I, in turn, asked the two vendors to provide information on new technology. Air technology has been in place for the last ten years and is less expensive than the shaker style. The technology also has less moving parts and is less expensive to operate.

The following quotes were received:

VENDOR	COST	TOTAL (INC. SHIPPING/HANDLING)
Donaldson Torit	12,675.00	\$14,671.81
Dynequip	Do not have air style technology and referred me to Larkstur Engineering	
Larkstur Engineering	\$12,959.42	\$14,850.38
Glacier Technology, Inc.	\$15,222.00	\$17,268.51

We have received a quote from A-1 Electric Service of Waconia, Inc. to install the wiring at a cost of \$1,320.00. Staff will run the new air line which we will need to the collector.

Attachments:

Quotes from:

Donaldson Torit, Larkstur Engineering, and Glacier Technology, Inc.
A-1 Electric Service of Waconia, Inc.

Recommendation

Staff is recommending we use Glacier Technology, Inc. at a cost of \$17,268.51. The recommendation to not award to the low quote is based on safety concerns. The low quote uses a fourteen filter system which is very involved to replace. Replacement involves reaching all the way back inside of the dust filled equipment. Filters are then threaded within a 31-½” round and 30” high area and threaded into the system.

With the Glacier Technology, Inc system, they utilize a two filter system. The filter comes out to you on a locking cam slide track system. All you need to do is open the door, unlock the cam so the filter drops down ½”, pull out and replace the filter, push it back in, lock the cam and close the door. It is also made locally and parts are available quickly if needed. It is, however, a new system that has not been proven in the field on a long term use or potential issues that will occur.

Council Action Requested:

Approve the requested quote from Glacier Technology, Inc. in the amount of \$17,268.51.

Approve the quote from A-1 Electric Service of Waconia, Inc. in the amount of \$1,320 for wiring.