



CITY OF WASILLA

290 E. HERNING AVE.
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COUNCIL MEMORANDUM NO. 94-53

From: Deputy Administrator

Date: August 3, 1994

Subject: PURCHASE OF SPARE PUMP FOR SUSITNA SEWER SYSTEM PUMP STATION

The City Public Works Department has recently replaced one of the two sewer lift station pumps located on Susitna Avenue near Willow Street. The pump failed as a result of old age and basically tired and worn out and is beyond economical repair.

Previous Council budget activity had allowed for the purchase of a replacement pump to be held on the inventory shelf for emergency purposes. The inventory (spare) pump is now in place. We now have no replacement pump on the inventory shelf should the other old pump fail. If this old pump should fail in the same manner as the one we just replaced we are faced with substantial lead time for repair and/or replacement.

Recommendation: Council appropriation from a Sewer Grant Fund for \$10,000, for a replacement pump to place on the inventory shelf. It is the intention of Public Works to install this new pump as time (or emergency dictates) allows in a preventative maintenance work effort.

Lee A. Wyatt
Deputy Administrator



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MEMO

TO: Lee Wyatt, Deputy Administrator

W.W. Harvey
FROM: W.W. Harvey, Deputy Director Public Works

RE: REPLACEMENT OF 30 HP PUMP IN SUSITNA

The Susitna pump station serves as a lift station for the portion of the sewer system around Lake Lucille. One of the two 30hp pumps located in the Susitna pump station has recently failed and is beyond repair. We were fortunate to have recently purchased a spare pump for this location which has now been installed.

Our concern is that the second (and oldest pump), could fail at any time. Because there is a lead time of eight to twelve weeks to order and receive pumps it is imperative that a stand-by replacement be purchased as soon as possible.

In reviewing the inspection report on the failed pump it is apparent that the pumps used in the original installation were having to pump on the extreme side of the pump curve in order to meet specifications.

RECOMMENDATION:

Purchase a Flygt pump model CP3178 W/492 impeller, explosion proof motor 30hp, 460v, 3 phase 60 hz pump. This particular pump meets or exceeds current specifications. List price: \$8,682 F.O.B. California with freight of \$1,000 for a total price of \$9,682 F.O.B Anchorage.

There is no funding source at this time in our regular budget for this purchase. Do we go to council for appropriation or do we purchase it through regular budget and go to council later. The purchase amount exceeds mayors authority for signing.