



City of Grand Island

Tuesday, December 18, 2007

Council Session

Item G22

**#2007-331 - Approving Authorization for Emergency Sanitary
Sewer Repair Related to Valve Failure in the Pumping Station as
the Wastewater Treatment Plant**

Staff Contact: Steve Riehle

Council Agenda Memo

From: Steven P. Riehle, Public Works Director

Meeting: December 18, 2007

Subject: Approving Authorization for Emergency Sanitary Sewer Repair Related to Valve Failure in the Pumping Station at the Wastewater Treatment Plant

Item #'s: G-22

Presenter(s): Steven P. Riehle, Public Works Director

Background

At 11:45 a.m. on Thursday, November 29th a valve failed at the city's Wastewater Treatment Plant and flooded the basement of a pump room. The pumps had to be shut off, allowing sewage to back up into the collection system. The immediate threat was the flooding of basements with raw sewage if crews were unable to restore the original pumps or install emergency backup pumps in time. At 2:20 pm a Sewer Emergency was declared and residents were asked to reduce water use to avoid adding sewage to the system.

Wastewater employees were aware of the risk of sewage flooding and began tackling the problem with assistance from The Diamond Engineering Company and Nunnenkamp Well Co. Every portable pump the City owned, those available from Diamond Engineering, and two pumps from Nunnenkamp Well Co. were put into operation. The Grand Island Utilities Department shut down a power line to allow installation of a portable pump.

Emergency backup pumps were delivered by the Hastings and Kearney Utilities Departments. Two rental pumps were dispatched from an equipment rental company in Omaha. Two large hydraulic pumps were ordered from a contractor in Omaha. Around 12:30 a.m. Friday morning, two of the permanent pumps in the pump room were back on-line. By 3:45 a.m. the system was back to normal capacity.

Discussion

The cost of the work is expected to exceed \$20,000; therefore we are requesting permission to use the emergency procurement procedures as outlined in Section 27-13 of the City Code. The Diamond Engineering Company of Grand Island, Nebraska was already on site performing emergency repairs from a November 21, 2007 emergency and was therefore hired to assist with this emergency. The contractor will be paid based on time and material actually incorporated into the repair work. The total cost for the work performed by The Diamond Engineering Company including equipment and pump rental is estimated at \$55,000.00.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve authorization for emergency sanitary sewer repair.

Sample Motion

Move to approve authorization for emergency sanitary sewer repair.

RESOLUTION 2007-331

WHEREAS, the Waste Water Division of the Public Works Department needed emergency sanitary sewer repair related to valve failure in the Pumping Station at the Wastewater Treatment Plant; and

WHEREAS, the estimated cost is of the repair is \$55,000.00 (actual cost based on time and materials); and

WHEREAS, The Diamond Engineering Company of Grand Island, Nebraska, has been requisitioned to do said repairs.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that an emergency existed and that the sanitary sewer repair related to valve failure in the Pumping Station at the Wastewater Treatment Plant by the Diamond Engineering Company of Grand Island, Nebraska, with an estimated cost of \$55,000.00 is hereby approved.

BE IT FURTHER RESOLVED that the purchase order for such project on behalf of the City of Grand Island is hereby ratified.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, December 18, 2007.

Margaret Hornady, Mayor

Attest:

RaNae Edwards, City Clerk