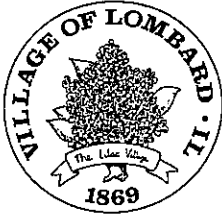


MEMORANDUM



To: Tim Sexton, Acting Village Manager
From: Brian M. Jack, Utilities Superintendent *BMJ*
Through: Carl S. Goldsmith, Director of Public Works *CSG by Dkt*
Date: October 31, 2013
Subject: Waiver of Bids - National Power Rodding
Grouting - 48" Sanitary Sewer Grove & Elizabeth

Background

In July of 2013, a resident at Grove and Elizabeth Streets notified the Illinois EPA regarding a sanitary sewer overflow into the storm sewer on Grove St at Elizabeth St. The overflow was causing sewer gas and odors to escape through the storm sewer structures on Grove St. The Illinois EPA contacted the Village and required a response and action plan to correct the problem. No violation was issued, but a correct response plan was necessary.

The Village requested quotes to televise the 48" sanitary sewer on Grove St. to determine the problem causing the sanitary overflow. Two quotes were submitted by National Power Rodding of Chicago, IL and Visu-Sewer of Bridgeview, IL, of which Visu-Sewer was awarded the televising contract. It was determined that there were multiple joint failures in the 48" sanitary sewer main causing the sanitary overflow into the storm sewer. The Public Works Department determined that chemical grouting of the failed sewer joints was the most cost effective measure to correct the problem.

National Power Rodding was awarded the contract to do the chemical grouting of the 48" sanitary sewer as a time and material basis in which two full work days was proposed to complete the work. This work was expected to be no more than \$5,000. After the sewer main was cleaned and the joints air tested, it was determined that most of the joints were in need of repair. Staff determined that it was necessary to complete the repairs on the joints to ensure that the sanitary overflow was completely eliminated.

The time and material cost for the chemical grouting was \$385.00 per hour for labor and \$12.00 per gallon for grout with an estimated time and material cost of \$23,800.00 (material - 700 gallons of grout @ \$8,400.00 and labor - 40 hours @ \$15,400.00). The total cost for this project is \$24,121.63 time and material inclusive. Funding for this type of repair is budgeted in the Water and Sewer Capital Improvement Fund under Sewer Maintenance & Improvements for FY2013.

The Illinois EPA has been kept aware of the progress and overall success of the repair project and has accepted the Village's repairs as eliminating the 48" sanitary sewer overflow into the storm sewer.

Recommendations

Therefore, staff is recommending presenting this request for a waiver of bids for the chemical grouting of the 48" sanitary sewer on Grove St at Elizabeth St from National Power Rodding, Chicago, IL, in an amount not to exceed \$24,121.63 for approval by the Board of Trustees at their November 7, 2013 meeting.