

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda
Bids and Proposals

TO : President and Village Board of Trustees
FROM : David A. Hulseberg, Village Manager
DATE : February 23, 2011 Agenda Date March 3, 2011
TITLE : Water Distribution System Emergency Leak Detection Services
Waiver of Bids
SUBMITTED BY: Angela M. Podesta, Utilities Superintendent AMP

RESULTS:

Date Bids Were Published Bidding Closed
Total Number of Bids Received
Total Number of Bidders Meeting Specifications
Bid Security Required Yes No
Performance Bond Required Yes No
Were Any Bids Withdrawn Yes No
Explanation:
Waiver of Bids Requested? X Yes No
If yes, explain:
Award Recommended to Lowest Yes No
Responsible Bidder?
If no, explain: Purchase from manufacturer's authorized distributor.

FISCAL IMPACT:

Engineer's estimate/budget estimate \$35,000.00
Amount of Award \$35,000.00

BACKGROUND/RECOMMENDATION:

Waive bids to Associated Technical Services for emergency leak detection in an amount not to exceed \$35,000.00 to be paid on a time and material basis.

Has Recommended Bidder Worked for Village Previously X Yes No
If yes, was quality of work acceptable X Yes No
Was item bid in accordance with Public Act 85-1295? Yes X No
Waiver of bids - Public Act 85-1295 does not apply X Yes

REVIEW (as needed):

Village Attorney XX Date
Finance Director XX Date
Village Manager XX Date

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 4:30 pm, Wednesday, prior to the Board Agenda distribution.

MEMORANDUM



To: David A. Hulseberg, Village Manager
From: Angela M. Podesta, Utilities Superintendent *AMP*
Through: Carl S. Goldsmith, Director of Public Works *CS*
Date: February 23, 2011
Subject: **Water Distribution System Emergency Leak Detection Services - Waiver of Bids**

Background

The Village hires Associated Technical Services (ATS) of Villa Park, IL for emergency leak detection (watermain breaks) on a time and material basis prior to excavating a water leak when the location of the leak is not certain. Many factors influence the path the water takes before it surfaces such as geotextile fabric under the pavement, frost in the ground, water following a trench line or pipe, etc. so the water may not surface where the break is. Using leak detection services prior to excavating shortens the length of time to find and repair the broken pipe and reduces the size of the excavation which minimizes the cost of restoration. The technician uses state-of-the-art equipment that is connected to either a fire hydrant or valve to listen to the leak and correlate the location based upon the sound the water makes as it runs out of the pipe. They are able to locate leaks to within a few feet.

There have been 67 watermain breaks from June 2010 through mid-February 2011 compared to an annual average of 53. The increased number of breaks can be attributed pressure fluctuations due to the North Ave Standpipe being out of service since June and the sudden cold weather that hit in November.

The Underground Utilities Division of the Department of Public Works budgets \$9,900 per year for emergency leak detection services in the Water Distribution Cost Center of the Water & Sewer Operating and Maintenance Fund. As a result of the increased watermain breaks, it is estimated that the year end total for emergency leak detection services will be approximately \$35,000. It is proposed to fund the \$22,500 additional expenditures by not painting fire hydrants. The Fire hydrant painting budget is \$25,000 and is also in the Water Distribution Cost Center.

Recommendations

Staff recommends the Board of Trustees waive bids for Water Distribution System Emergency Leak Detection Services to Associated Technical Services of Villa Park, IL in an amount not to exceed \$35,000.00 to be paid on a time and material basis at their March 3, 2011 meeting.

AMP