

**VILLAGE OF LOMBARD
AUTHORIZATION TO BID**



To: Scott Niehaus, Village Manager
From: Carl Goldsmith, Director of Public Works *g*
Date: March 16, 2015
Subject: Authorization for Waiver of Bids

Well #10 Emergency Inspection, Cleaning and Repair

NWS Project #: RM PROG 32

Engineer's Estimate: \$35,000

Budgeted Amount: \$0 (emergency expenditure)

Funding: Listed below

<i>Program</i>	<i>Account</i>	<i>Funding</i>
<i>RM PROG 32 Well #10 Emergency Inspection, Cleaning and Repair</i>	<i>520.790.715.75420</i>	<i>\$35,000</i>

The project was not programmed in the current CIP

Since 1992, the Village has maintained four emergency backup drinking water wells that can provide an average day's water supply should the DuPage Water Commission not be able to provide the Village water. The wells are tested and operated monthly to ensure operational readiness. All water pumped from the wells is discharged into a storm water sewer and is not introduced into the actual distribution system. Well #10 is located at 1030 S. Stewart Ave (adjacent to Civic Center Reservoir Facility and Village Hall). The well is 245 feet deep and 12" in diameter. The pump and motor were last pulled in 2008 and the necessary maintenance and repairs were completed at that time.

Recently, the monthly water quality samples have shown indications that a biofilm growth is prevalent in the casing of the well. A special sample was drawn from the well and sent to Water Systems Engineering for further analysis. Two items were discovered as a possible cause. Biofilm was discovered and serves as a protective environment for many microorganisms and could be causing the inconsistent water samples. There is also a high level of anaerobic conditions in the well. These conditions arise when oxygen levels are depleted allowing anaerobic organisms to thrive creating a stagnant zone of water.

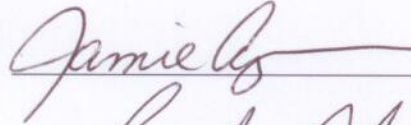
Accessing the biofilm and the anaerobic growth near the bottom of the well is difficult to do with the pump in place. Removing the pump is recommended. This will allow for a thorough cleaning, inspection and remediation of well #10 to determine the cause and identify any structural defects.

The Public Works Department requests authorization to waive advertising for bids. To expedite construction and to minimize construction observation time, the Public Works Department requests authorization to directly solicit proposals from two (2) pre-selected deep well contractors who have successfully worked on previous Village projects/contracts. Recommendation of award will be to the lowest responsible bidder.

The proposed deadline for submission of the proposals is March 13, 2015. Award of the bid would be included on the April 2, 2015 Village Board Agenda.

APPROVALS REQUIRED:

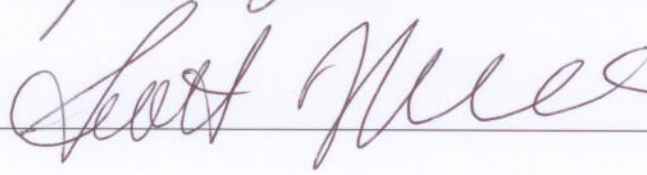
Assistant Director of Finance



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APPROVAL TO BID:

Village Manager



A handwritten signature in cursive script, appearing to read "Scott Muee", written over a horizontal line.