



## Rochelle Municipal Utilities Water/Water Reclamation

To: David Plyman

From: Kathy Cooper

Date: June 2, 2014

RE: Second Avenue Water Main Project, Phase 2

In October 2012, Council approved the engineering agreement for the design work for the Second Avenue water main project. The scope of the design work was to replace 1550 feet of four-inch water main between Washington and the east end of Second Ave. The existing main is in poor condition, and the upgrade to a 12-inch main will replace the eighty year old, four-inch cast iron water main. This will improve the transmission system by connecting Well #4 and the Second Ave. tower to the east side of the City, as shown in the Master Plan.

The project was halted at the east end of the project in October 2013 because of contaminated soils from leaking underground storage tanks. Hintzche Oil has an agreement with the IEPA to remediate the soils in the roadway in front of their property, and that work will take place prior to the City water main project. Because the soils have been contaminated, RMU was unable to use PVC pipe and rubber gaskets. IEPA requires ductile iron pipe and Viton gaskets in areas where water main is installed in contaminated soils. The difference in cost for installation of PVC vs. ductile iron pipe is \$59.50 per foot for PVC vs. \$109.35 per foot for ductile iron with Viton gaskets.

The initial project estimate for this work was \$275,000, and the contaminated soils issue has increased the cost of the project. To date, \$244,440 has been spent on the project, including the purchase of the ductile iron water main and Viton gaskets for the water main and the valves. About 1000 feet of 12-inch PVC water main, with appurtenances, has been installed. The Second Avenue Phase 2 project is for the installation of approximately 550 feet of 12-inch water main and appurtenances. The project includes a contingency for the removal and disposal of additional contaminated soils. If contaminated soils are encountered during installation, the City may seek compensation from the adjacent land owner.



Matt Hansen of Willett-Hofmann performed the design and permitting for the both phases of the project. Subsequent to the required public notice, bids were opened on May 30, 2014. Four contractors bid on Phase 2 of the project. O'Brien Civil Works of Polo is the apparent low bidder. The bids received were:

	<u>BASE BID</u>
O'Brien, Polo	\$ 55,730.00
Hart and Sons, Rochelle	\$ 67,132.15
Martin and Co., Oregon	\$ 98,324.80
Stenstrom, Rockford	\$119,046.50
<b>Engineer's Estimate</b>	<b>\$ 83,760.00</b>

Matt Hansen of Willett Hofmann reviewed the bids and confirmed that O'Brien Civil Works of Polo is the apparent qualified low bidder. O'Brien has performed work for Rochelle Public Works, including the installation of storm sewer in the Southeast Quadrant and the stream bank cleaning. The work was performed satisfactorily and on time.

I recommend that the City Council accept the lowest responsible bid from O'Brien Contracting of Polo, for \$55,730.00.

Please put this on the City Council agenda for June 9, 2014.