Rochelle Municipal Utilities
Electric Operations

Memo

To:	**Dave Plyman**	**cc Dan Westin**
From:	**Jason Bird**	
Date:	**x y 2015**	
Re:	**SCADA system upgrade**	

RMU Electric Operations has been using OSI for its SCADA operations. **SCADA** (**supervisory control and data acquisition**) is a system operating with signals over communication channels so as to provide control and monitoring of remote equipment.

The SCADA system is essential to the operation of the electrical distribution system and is in continuous change due to the advancements in equipment and the growth of RMU's grid.

The latest upgrade to the OSI SCADA system was done 5 years ago and the system is in immediate need of an upgrade to meet the new requirements on RMU due to its complete integration with PJM, the regional overseer of transmission. In addition enhancements are needed to take full value of the improvements in meter technology as well as distribution system monitoring for increased reliability and reduced restoration times.

RMU has received a quote for the upgrade and for additional work on remote breaker control from OSI.

The quote is enclosed and is in total $ 83,976.00

This upgrade is in the FY16 budget.

Staff recommends that council approves the City Manager signing the purchase order for this SCADA upgrade.