



**Memorandum  
Public Works Department**

**To:** City Manager  
**Subject:** Emergency Wonderware Software Purchase  
**Date:** June 3, 2015  
**Number:** 2015-104

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An emergency purchase and installation of Wonderware SCADA software is required for the continued operation of the water treatment facility. Our current water treatment plant computer systems are utilizing Windows XP Operating Systems and are no longer supported by Microsoft Corporation. One of the main terminals crashed last week and has been temporarily repaired by the City's IT Department. New Windows 7 Operating Systems need to be installed and a new Wonderware software package must be purchased that is compatible with Windows 7. Our original goal was to implement the new software with the proposed Filtration Building upgrade project, but the terminal failure has taken this option off the table. Wonderware is the same software that is currently utilized at the Water Plant, Wastewater Plant, and Hydro Plant. Control Application & Maintenance, Inc. (CAM) is the local representative for the Wonderware product and is the sole source for this purchase and installation.

Accompanying this memorandum is the estimate for the purchase and installation of the Wonderware software package from Control Application & Maintenance, Inc.

**Recommendation**

The Public Works Department recommends that the City Council approve the emergency purchase and installation of the Wonderware software in the amount of \$25,409.00

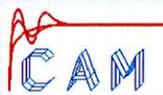
Vendor:	Control Application & Maintenance, Inc
Payment Amount:	\$25,409.00
Account Chargeable:	
Fund:	501      Water Operations and Maintenance
Division:	618      Utilities Services
Cost Center:	352      Water Treatment Plant
Object Code:	56405      Computer Software

Requisition Number: R005499

**Submitted by:** Randall Tweet, Public Works Director  
Larry P. Cook, Utilities Superintendent

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**Approved by:** Thomas Thomas, City Manager

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CONTROL APPLICATION & MAINTENANCE, INC.					 Control Application & Maintenance	
Customer:	Rock Island Water/Larry Cook					
CAM Job #:	RIW15-WWQ					
Description:	Wonderware upgrade for Windows 7 PC's					
ITEM NO.	NO. REQ'D	Materials/Software	MODEL NUMBER	VENDOR	PRICE	
1	1	Upg. Development Studio 2014R2 Unlimited, Unlim/60K/500 - Serial Number: 426115	12-12391	WW North		
2	1	Upg. InTouch 2014R2 Runtime 60K Tag with I/O - Serial Number: 426470	12-12404	WW North		
3	3	Upg. InTouch 2014R2 Runtime 60K Tag without IO - Serial Numbers: 426469, 4264671, 426468	12-12408	WW North		
4						
5						
6						
7						
8						
MATERIALS SUB-TOTAL					<b>\$18,739</b>	
ITEM	ITEMS	Labor Estimate	Hours Per	Hours	LABOR COST	
1	1	Install software, configure and test data logging/reporting, configure MB+ devices and I/O server	48.00	48		
2	1	Tech support emails, phones calls, docs & quotes for interfacing Modbus+ and Wonderware under Win7	10.00	10		
3				0		
4				0		
TASK GROUP 'IN-HOUSE' LABOR ENGINEERING SUMMARY TOTALS			GROUP TOTAL	58	\$ 6,670.00	
ITEM	ITEMS	TASK GROUP CADD DRAWINGS & O&M DOCS	Hours Per	Hours	LABOR COST	
6		N/A	0.00	0		
7			0.00	0		
8			0.00	0		
TASK GROUP CADD DRAWINGS & O&M DOCS SUMMARY TOTALS			GROUP TOTAL	0	\$ -	
<b>CONTROL EQUIPMENT &amp; 'IN-HOUSE' LABOR SUMMARY TOTAL</b>			<b>SHOP LABOR SUB TOTAL</b>		<b>\$ 6,670.00</b>	
ON SITE' LABOR ENGINEERING / PANEL FABRICATION & TESTING LABOR						
ITEM	ITEMS	'ON SITE' CHECK OUT AND START UP LABOR	Hours Per	Hours	LABOR COST	
8			0.00	0	\$ -	
9			0.00	0	\$ -	
10			0.00	0	\$ -	
11			0.00	0	\$ -	
12			0.00	0	\$ -	
13			0.00	0	\$ -	
TASK GROUP 'ON SITE' CHECK OUT AND START UP TOTALS			GROUP TOTAL	0	\$ -	
CAM ENGINEER "ON SITE" DELIVERY LABOR TIME & MATERIALS "T&M" ESTIMATE ONLY				0	\$ -	
ON SITE' TRAVEL AND EXPENSES					EXPENSES	
				\$ 0.656	\$0.00	
				\$ 115.00	\$0.00	
					\$0.00	
					\$0.00	
HRS	0.0	SUM OF TRAVEL & EXPENSES "T&M" ESTIMATE ONLY		EXPENSE TOTAL	\$0	
HRS	0.0	SUMMARY OF ALL CAM "ON SITE" LABOR AND EXPENSES "T&M" ESTIMATE ONLY			LABOR & EXP TOTAL	<b>\$0</b>
HRS	58.0	<b>CAM LABOR &amp; EXPENSES T&amp;M SUMMARY TOTAL</b>			<b>\$25,409</b>	
NO ELECTRICAL OR MECHANICAL MATERIALS & LABOR COST TO PROVIDE INSTALLATION IS INCLUDED IN THIS QUOTATION UNLESS LISTED ABOVE						
THE QUOTATION IS VALID FOR 60 DAYS - ANY EQUIPMENT DELIVERY IS 3 TO 4 WEEKS DEPENDENT ON LONG LEAD TIME ITEM DELIVERY TO CAM INC.						
DELAY OF WORK CLAUSE: CAM reserves the right to invoice for additional time required to complete a project if delays are experienced beyond our direct control. (i.e. Inability to shutdown for equipment installation, Plant emergencies requiring CAM personnel to evacuate the area, inability to provide operators or appropriate personnel required to perform shutdowns, lock-out tag-out or installation work required by the customer or provided by another contractor not under our direct control)						