

AGENDA
VILLAGE OF ROUND LAKE
COMMITTEE OF THE WHOLE MEETING
August 3, 2015
442 N. Cedar Lake Road
To Follow the Regular Board Meeting
The Regular Board Meeting is 7:00 P.M.

CALL TO ORDER

1. ROLL CALL

2. APPROVAL OF MINUTES

2.1 Approve the Minutes of the Committee of the Whole Meeting of July 20, 2015

3. PUBLIC COMMENT

4. COMMITTEE OF THE WHOLE

- Community Development
- Clerk's Office
- Human Resources and Finance
 - Police Pension Report to the Village Board
- Public Works, Facilities and Capital Assets, and Engineering
 - Valley Lakes Patching Contract
 - Valley Lakes Patching Construction Engineering Services
 - SCADA Server Upgrade and Tags
 - SCADA Server Purchase
 - MFT Fund Estimated Expenditure Resolution
 - MacGillis Drive Bridge Local Agency Agreement Amendment
- Special Events
- Building and Zoning
- Police
- Administration

5. SUGGESTED NEW TOPICS

6. EXECUTIVE SESSION

7. ADJOURN

MINUTES
VILLAGE OF ROUND LAKE
COMMITTEE OF THE WHOLE MEETING
July 20, 2015
442 N. Cedar Lake Road
To Follow the Regular Board Meeting
The Regular Board Meeting is 7:00 P.M.

CALL TO ORDER

THE COMMITTEE OF THE WHOLE MEETING OF THE VILLAGE OF ROUND LAKE WAS CALLED TO ORDER BY DAN MACGILLIS, VILLAGE PRESIDENT AT 7:17 P.M.

1. ROLL CALL

Present: Trustees Foy, Frye, Kraly, Newby, Rodriguez

Absent: Trustee Triphahn

2. APPROVAL OF MINUTES

2.1 Approve the Minutes of the Committee of the Whole Meeting of July 6, 2015

Motion by Trustee Frye, Seconded by Trustee Kraly, to approve the Minutes of the Committee of the Whole Meeting of July 6, 2015. Under discussion Trustee Newby stated he would be abstaining from the vote, the remaining board member had a unanimous voice vote; the Mayor declared the motion carried

3. PUBLIC COMMENT

NONE

4. COMMITTEE OF THE WHOLE

- Community Development
- Clerk's Office
- Human Resources and Finance
- Public Works, Facilities and Capital Assets, and Engineering
-

○ Pavement Management Report

Public Works Director, Adam Wedoff, recommended entering into an Engineering Service Agreement with Baxter and Woodman to complete a Pavement Management Report that will establish the current conditions of all Village owned streets and provide a five year plan along with suggested roadway maintenance and improvements costs. Eleven Engineering firms were contacted however only five provided proposal with B&W having the lowest price proposal. PWD Wedoff also stated they are familiar with the Village streets, staff and budget

The Mayor and Board agreed to move to the next Consent Agenda

○ Well #3 Feasibility Study

PWD Wedoff requested approval for a work order from B&W to conduct a Feasibility Study on Well #3 to determine improvement options. The existing well pump is likely undersized and has broken components which make it an unreliable emergency

backup water source. The feasibility study will provide options and estimated costs to upgrade the well to a reliable emergency backup water source.

The Mayor and Board agreed to move to the next Consent Agenda

○ Chlorine Monitor Purchase

PWD Wedoff requested approval to purchase an automatic chlorine monitor for the Village water system that would connect to the Village SCADA system. He stated according to IEPA regulation, the Village must sample chlorine levels at our water intake point every day which means a Public Works employee must come in on Saturday and Sunday. An Automatic chlorine monitor connected to the Village SCADA system would eliminate the need to manually check the levels and the elimination associated with overtime costs, would have the system paid for in a little over two years.

The Mayor and Board agreed to move to the next Consent Agenda

○ Hazard Tree Removal Contract

PWD Wedoff requested approval to contract with Sawvell Tree Service for removal of hazard trees throughout the Village. He stated in the spring, a certified arborist located and documented parkway trees that were deemed to be hazards and recommended they be taken down. Seven companies were contacted for quotes, five companies responded with Sawvell Tree Service being the lowest quote. PWD Wedoff also mentioned that the stumps will be grinded down as well as any surface roots that are noticeable, and then filled in with top soil and seeded.

The Mayor and Board agreed to move to the next Consent Agenda

○ Resolution For Emergency Items

PWD Wedoff recommended adopting a resolution that all work done in the State of Illinois Right of Way will be done in accordance with State Requirements, stating the resolution will expedite approval for the Village to work in the State ROW in case of emergency repairs to any Village owned utilities such as water main breaks. The resolution will be for a two year period

The Mayor and Board agreed to move to the next Consent Agenda

• Special Events

○ Tent Purchase

Police Chief Gillette spoke on behalf of purchasing a tent for Special Events the Village holds throughout the year, such as Arbor Day, National Night Out Against Crime, Christmas Tree Lighting and other outdoor ceremonies where the use of a shelter would be beneficial. He stated the tent would be made of herculite vinyl and would be 20' x 30' with both solid sidewalls and cathedral sidewalls being purchased. The board agreed to have the items purchased now in order to use at our NNO event.

The Mayor and Board agreed to move to the next Consent Agenda

- Building and Zoning
- Police

- School Resource Officer Agreement

Police Chief Gillette requested the School Resource Officer Intergovernmental agreement between the Village and the Board of Education of the Round Lake Area School District 116 be approved. He stated that the agreement is the same as last year with only minor adjustments to margins and accounting for the new year.

The Mayor and Board agreed to move to the next Consent Agenda

- Purchase of Mobile In-Car System Computer Server

Chief Gillette requested approval for a computer server that is needed to manage the in-car camera system and eventually the Officer Body Cameras. He stated that the old camera system computer was inadequate to handle the new data and devices and the new requested computer server will be sufficient to manage all of the vehicle and officer cameras.

The Mayor and Board agreed to move to the next Consent Agenda

- Replacement of the Outdoor Wireless Access Points for Squad Car Video Uploading

Chief Gillette requested approval to purchase and replace the current outdoor wireless access points for squad car video uploading. He stated we have an outdated hardware system in place that has aged both physically and technologically and the requested components will work in concert with the requested computer server replacement and will be sufficient for probably another ten years in managing all of the vehicle and officer cameras. He mentioned that as soon as an officer pulls into the garage the videos will automatically upload to the system so there is no chance for human error in transferring the information.

The Mayor and Board agreed to move to the next Consent Agenda

- Body Camera's

Chief Gillette requested approval to purchase Fifteen Digital – Ally First VU HD Chest Camera systems and One First VU HD Charging Dock Station, stating this hardware will work in concert with our in-car camera system to record police interaction with citizens when appropriate and according to constitutional laws and department rules. He showed the Board one of the Chest Camera's that will be purchased, stating its much lighter than others that are used by other Police Departments and secures to the Officers shirt pocket more securely. The Chief said training will take place on how to use the system and also stated that the cameras are being requested, not to catch an officer at doing something wrong, but doing something that is right.

The Mayor and Board agreed to move to the next Consent Agenda

- Uninterruptible Power Supply (UPS) System - Preventive Maintenance Program

Chief Gillette requested approval of a preventive maintenance service for the Police and Public Works Department Uninterruptible Power Supply. The Chief stated that the primary role of the program is to provide short – term power when the input power source fails, such as in a natural disaster the PW/PD would still have power.

The Mayor and Board agreed to move to the next Consent Agenda

- Uninterruptible Power Supply (UPS) System - Battery Replacement
Chief Gillette stated the Uninterruptible Power Supply is in need of battery replacement. The device has been in place since July 2005, with the batteries last being replaced in October 2008, normally the anticipated life of the batteries are three years and they are now beginning to fail. The unit holds 40 batteries

The Mayor and Board agreed to move to the next Consent Agenda

- Administration
 - SWALCO Commercial Recycling Program
Walter Willis, Executive Director of SWALCO (Solid Waste Agency of Lake County) spoke in regards to the Commercial Recycling Program that had been approved by the haulers affiliated with the National Waste and Recycling Assoc. IL chapter. Mr. Willis stated that currently there are 8 haulers active in the area and recommends we send a letter to all of our local businesses should the ordinance be passed. Mr. Willis mentioned that the program requires the haulers, providing refuse or recycling collection services, to report to the Village the number of businesses under contract for recycling services and then provide information on recycling participation rates every six months over the next three years. Once the Village receives the information we will send that to SWALCO who will post it on their website and we would offer a link to the collected data. If the haulers do not demonstrate that at least 50% of the businesses have recycling services at the end of the three year period, we may choose to pursue a commercial franchise with one exclusive hauler. It was stated that the Village's ordinance and the State law are not mandates for businesses to recycle, but both the ordinance and State law require the haulers to provide the business with a written offer, if they currently don't have recycling service, at least once every two years. Mayor MacGillis mentioned the Business Owners Summit meeting that the Village holds for the area businesses and mentioned that it would be beneficial for Mr. Willis to speak about this there and he will let him know what the date is to do a presentation. Mr. Willis also stated there is information he can share that we can place on our website and provide to the business owners. Mr. Willis stated that two Villages have passed already and several others should pass soon.
 - Current Technologies Annual Renewal
Village Administrator, Steve Shields, requested approval of Current Technologies new IT Support Agreement. The agreement is the same as the existing contract with the new hourly labor rate just slightly increased over last years. VA Shields stated that Current Technologies has been highly instrumental in supporting the Village/Staff with many technology changes completed in the past few years.

The Mayor and Board agreed to move to the next Consent Agenda

5. SUGGESTED NEW TOPICS
6. EXECUTIVE SESSION
NONE
7. ADJOURN

Motion by Trustee Kraly, Seconded by Trustee Foy to adjourn the Committee of the Whole meeting at 8:08 P.M. Upon a unanimous voice vote, the Mayor declared the motion carried.

APPROVED:

Patricia C. Blauvelt
Village Clerk

Daniel MacGillis
Village President



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

TITLE: ANNUAL POLICE PENSION REPORT TO VILLAGE BOARD

Agenda Item No. COTW

Executive Summary:

The attached information is required by Illinois Revised Statutes 40 ILCS 5/3-143, Report by Pension Board. The Pension Board shall report annually to the Village Board on the condition of the pension fund at the end of its most recently completed fiscal year. The report shall be made prior to the board meeting held for appropriating and levying taxes for the year for which the report is made.

The most recently completed fiscal year is 2014, which includes the audit of the Pension Fund, preparation of the Department of Professional Regulations – Division of Insurance Annual Statement (Annual Statement), along with the corresponding State actuarially determined tax levy. The State’s actuarially determined tax levy calculated for fiscal year end 2014 will be included in the 2015 tax levy that will be presented later this fall to the Village Board.

The attached report was certified and approved at the July 23, 2015 Village of Round Lake Police Pension Board meeting.

Recommended Action:

Move the Annual Police Pension Report to the Village Board as Presented to the consent agenda.

Committee: Human Resources & Finance		Meeting Date: 8/3/15																															
Lead Department: Administration		Presenter: Shane D. Johnson																															
Item Budgeted: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Account(s)</th> <th style="width: 20%;">Budget</th> <th style="width: 40%;">Expenditure</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td></td> </tr> <tr> <td>Item Requested</td> <td></td> <td></td> </tr> <tr> <td>Y-T-D Actual</td> <td></td> <td></td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">Total:</td> <td style="text-align: center;">\$0.00</td> <td style="text-align: center;">\$0.00</td> </tr> <tr> <td colspan="3">Request is over/under budget:</td> </tr> <tr> <td style="text-align: right;">Under</td> <td colspan="2">-</td> </tr> <tr> <td style="text-align: right;">Over</td> <td colspan="2">-</td> </tr> </tbody> </table>	Account(s)	Budget	Expenditure	-	-		Item Requested			Y-T-D Actual			Amount Encumbered						Total:	\$0.00	\$0.00	Request is over/under budget:			Under	-		Over	-		
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MEMORANDUM

Date: July 23, 2015
To: Police Pension Board
From: Shane D. Johnson, Assistant Village Administrator/Director of Finance
Subject: Police Pension Report for Village Board

The following information is required by Illinois Revised Statutes 40 ILCS 5/3-143, Report by Pension Board. The Pension Board shall report annually to the Village Board on the condition of the pension fund at the end of its most recently completed fiscal year. The report shall be made prior to the board meeting held for appropriating and levying taxes for the year for which the report is made. The most recently completed fiscal year is 2014, which includes the audit of the Pension Fund, preparation of the Department of Professional Regulations – Division of Insurance Annual Statement (Annual Statement), along with the corresponding State actuarially determined tax levy. The State’s actuarially determined tax levy calculated for fiscal year end 2014 is included in the 2015 tax levy that will be presented to the Village Board in December 2015.

The Pension Board shall certify and provide the following information:

- (1) **Total assets of the fund** – Per the 2014 Annual Statement the total assets of the fund at April 30, 2014 was \$5,549,023. The current market value per the unaudited financial statements at April 30, 2015 was \$6,145,784.

- (2) **Estimated receipts during the next succeeding fiscal year** - The following summarizes the unaudited various projected revenue sources for the 2015 fiscal year:

	<u>2015</u>
Employer Contributions - Property Taxes	\$493,868
Police Officer Contributions	169,000
Realized Gains	10,000
Miscellaneous Income	250
Interest & Dividend Income	<u>95,000</u>
Total Estimated Revenues	\$768,118

- (3) **Estimated amount necessary during such period to meet the annual actuarial requirements** – The Village uses the State’s actuarial determined tax levy. The State determines a total suggested amount of tax levy to arrive at the annual requirements of the fund. As noted in 40 ILCS 5/3-125, the Village Board of the municipality shall annually levy a tax upon all the taxable property of the municipality at the rate on the dollar which will produce an amount which, when added to the deductions from the salaries or wages of police officers, and revenues available from other sources, will equal a sum sufficient to meet the annual requirements of the Police Pension Fund. The following is the State’s actuarial determined tax levy:

<u>Year End</u>	<u>State Tax Levy</u>	<u>Tax Levy Year</u>	<u>Fiscal Year Collected</u>
2014	\$456,195	2015	2017

- (4) **Total net income (loss) received from investments** – The Police Pension Fund’s actuarial rate of return is assumed to be 7.0%. The actual rate of return for fiscal year-end 2014 and 2013 was 7.56% and 7.24%, respectively. The following is the detail for the most current year completed compared to the preceding fiscal year:

	<u>2014</u>	<u>2013</u>
Income from Government & Agency Obligations	\$43,856	\$56,789
Interest on Deposits	40	14
Income from State, Local & Corporate Obligations	21,719	23,354
Gain/(Loss) from Sale of Securities	0	1,703
Income/Dividends from Mutual Funds	69,271	23,521
Unrealized Gains (Losses)	<u>285,026</u>	<u>228,764</u>
Total	\$419,912	\$334,145

- (5) **The total number of active employees who are financially contributing to the fund –**

The number of active employees is 24 at the date of this report.

- (6) **The total amount disbursed in benefits during the most recent fiscal years –**

<u>Annuitant Type</u>	<u>2014 Actual</u>
Retiree	5
Amount Paid	\$228,778
Disability	2
Amount Paid	\$ 84,234
Survivors	1
Amount Paid	\$ 29,495

- (7) **The funded ratio of the fund** – Year end 2014 is the percent funded ratio for the Police Pension Fund per the State’s actuarial determined tax levy.

<u>Year End</u>	<u>Funding Ratio</u>
2014	60.22%

- (8) **The unfunded liability carried by the fund, along with the actuarial explanation of the unfunded liability** - The State uses the normal cost, plus an additional amount to bring the plan’s funded ratio to 90% by the end of fiscal year 2040 to determine total accrued liability. The unfunded accrued liability is the excess of the total actuarial accrued liability over the actuarial value of the assets. The following is the State’s unfunded accrued liability amounts for year-end 2014.

<u>Year End</u>	<u>Actuarial Asset Value</u>	<u>Actuarial Accrued Liability</u>	<u>Unfunded Accrued Liability</u>
2014	\$5,592,341	\$9,287,187	\$3,694,846

For year-end 2014, the actuarial asset value is the market value of the investments for the Pension Fund. The actuarial accrued liability includes the present value of retirement, disability, and deferred pensions in the amount of \$5,413,956. It also includes accrued liabilities for active participants in the amount of \$3,873,231.

- (9) **Investment policy** – The Police Pension Fund’s approved Investment Policy was submitted and is on file with the Department of Professional Regulations – Division of Insurance and is also included in the Police Pension files at the Village Hall.

Respectfully submitted,

Shane D. Johnson

Shane D. Johnson
 Assistant Village Administrator
 Director of Finance



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

**TITLE: CONTRACT AWARD FOR VALLEY LAKES SUBDIVISION
 STREET PATCHING**

Agenda Item No. COTW

Executive Summary

This project includes intermittent patching of roads in Valley Lakes Subdivision to address remaining failing pavement sections.

The approved budget includes \$126,100 for construction. Bids were received and opened on July 21st. The low bid by Peter Baker & Sons Company of \$144,299.80 has been confirmed. The attached Award Recommendation letter dated July 23rd provides further information, as well as several alternatives the Board may wish to consider.

Completion of the project in its entirety will ensure that all failing sections of pavement in Valley Lakes Subdivision are addressed prior to plowing operations this coming winter. Cost savings on several other projects can be used for the budget gap. The other option is to eliminate some of the patches to keep the project under budget.

Recommended Action

Recommend award of the construction contract to Peter Baker & Sons Company, in the amount of \$144,299.80.

Committee: PW/FCA/Eng		Meeting Date(s): August 3, 2015 COTW																												
Lead Department: Engineering		Presenter: Kurt Baumann																												
Item Budgeted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Account(s)</th> <th style="width: 30%;">Budget</th> <th style="width: 30%;">Expenditure</th> </tr> </thead> <tbody> <tr> <td>35-20-83-88301</td> <td style="text-align: right;">\$283,965.00</td> <td></td> </tr> <tr> <td>Item Requested</td> <td style="text-align: right;">\$126,100.00</td> <td style="text-align: right;">\$144,299.80</td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$219,267.59</td> </tr> <tr> <td>Total:</td> <td style="text-align: right;">\$410,065.00</td> <td style="text-align: right;">\$363,567.39</td> </tr> <tr> <td colspan="3">Request is over/under budget:</td> </tr> <tr> <td style="text-align: right;">Under</td> <td></td> <td style="text-align: right;">\$46,497.61</td> </tr> <tr> <td style="text-align: right;">Over</td> <td style="text-align: center;">-</td> <td></td> </tr> </tbody> </table>			Account(s)	Budget	Expenditure	35-20-83-88301	\$283,965.00		Item Requested	\$126,100.00	\$144,299.80	YTD Actual		\$0.00	Amount Encumbered		\$219,267.59	Total:	\$410,065.00	\$363,567.39	Request is over/under budget:			Under		\$46,497.61	Over	-	
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July 23, 2015

Mayor and Board of Trustees
Village of Round Lake
442 North Cedar Lake Road
Round Lake, Illinois 60073-2802

RECOMMENDATION TO AWARD

Subject: Village of Round Lake – Valley Lakes Subdivision Patching 2015

Dear Mayor and Board:

The following bids were received for the Valley Lakes Subdivision Patching 2015 project on July 21, 2015 at 11:00 a.m.:

<u>Bidder</u>	<u>Amount of Bid</u>	
Peter Baker & Sons Company Lake Bluff, Illinois	\$144,299.80	- as read
Maneval Construction Co., Inc. Ingleside, Illinois	\$150,437.66	- as read

Our Engineer's Estimate of Probable Cost for this Project was \$129,977.

We have analyzed each of the bids and find Peter Baker & Sons Company to be the lowest, responsible and responsive Bidder. Their bid is \$14,322.80 (11%) above the Engineer's approved estimate of cost.

If additional funding can be found to complete the planned project in its entirety, we recommend the award of the contract to Peter Baker & Sons Company in the amount of **\$144,299.80**. Alternatively the Village may decide to reduce the planned work to stay within the budgeted amount, but this would mean some patching would not be completed this year and may result in road failure over the winter months. A second alternative is to rebid the project, hoping to interest more bidders and perhaps resulting in more competition. But this will delay the project and may prevent it from being completed this year. And there is no guarantee that bids will not increase.

Peter Baker & Sons Company has successfully completed similar projects for other agencies, as well as the 2014 patching project for the Village. Based upon our familiarity and past working relationships with Peter Baker & Sons Company, we believe that they are qualified to complete the Project.

Upon award by the Village Board, we will prepare the Contract Documents for execution by the Contractor and the Village. Two copies of the Bid Tabulation and all the original Contractor's bids are enclosed for the Village's records.

Village of Round Lake
 Valley Lakes Subdivision Patching 2015
 Project #150477.40
 July 21, 2015

BAXTER & WOODMAN CONSULTING ENGINEERS

TABULATION OF BIDS

NO.	ITEM	UNIT	QTY	ENGINEER'S ESTIMATE		PETER BAKER & SON		MANEVAL CONSTRUCTION	
				UNIT PRICE	TOTAL PRICE	1		2	
						UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	PARKWAY RESTORATION (SEEDING)	SQ YD	21	\$20.00	\$420.00	\$13.75	\$288.75	\$25.00	\$525.00
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	223	\$50.00	\$11,150.00	\$53.00	\$11,819.00	\$46.02	\$10,262.46
3	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	223	\$75.00	\$16,725.00	\$65.25	\$14,550.75	\$56.64	\$12,630.72
4	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	266	\$43.00	\$11,438.00	\$51.00	\$13,566.00	\$62.54	\$16,635.64
5	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	474	\$41.00	\$19,434.00	\$44.00	\$20,856.00	\$54.84	\$25,994.16
6	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	1489	\$40.00	\$59,560.00	\$43.70	\$65,069.30	\$49.12	\$73,139.68
7	COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT	FOOT	250	\$45.00	\$11,250.00	\$72.60	\$18,150.00	\$45.00	\$11,250.00
	ENGINEER'S APPROVED ESTIMATE OF COST								
	TOTALS				\$129,977.00		\$144,299.80		\$150,437.66
	BIDDER'S PROPOSAL AS READ								



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

TITLE: VALLEY LAKES PATCHING CONSTRUCTION ENGINEERING

Agenda Item No. COTW

Executive Summary

Staff recommends hiring Baxter & Woodman to provide construction engineering services for the Valley Lakes Subdivision Patching 2015 project. Baxter & Woodman has already done on site investigations for the project, is familiar with the patch locations and with Village expectations. Please see attached Work Order for additional information on scope of services.

Recommended Action

Approve a work order from Baxter & Woodman to provide construction engineering services for the Valley Lakes Subdivision Patching 2015 project.

Committee: PW/F&CA and Engineering		Meeting Date(s): 08/03/15																																					
Lead Department: Public Works		Presenter: Adam Wedoff, Director of Public Works																																					
<p>Item Budgeted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%;">Account(s)</th> <th style="width: 25%;">Budget</th> <th style="width: 20%;">Expenditure</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Other Items</td> <td style="text-align: right;">\$402,465.00</td> <td></td> <td></td> </tr> <tr> <td>Item Requested</td> <td style="text-align: right;">\$7,600.00</td> <td style="text-align: right;">\$7,600.00</td> <td></td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$366,467.39</td> <td></td> </tr> <tr> <td>35-20-83-88301</td> <td style="text-align: right;">\$410,065.00</td> <td style="text-align: right;">\$374,067.39</td> <td></td> </tr> <tr> <td colspan="4">Request is over/under budget:</td> </tr> <tr> <td style="text-align: right;">Under</td> <td></td> <td style="text-align: right;">\$35,997.61</td> <td></td> </tr> <tr> <td style="text-align: right;">Over</td> <td style="text-align: center;">-</td> <td></td> <td></td> </tr> </tbody> </table>			Account(s)	Budget	Expenditure		Other Items	\$402,465.00			Item Requested	\$7,600.00	\$7,600.00		YTD Actual		\$0.00		Amount Encumbered		\$366,467.39		35-20-83-88301	\$410,065.00	\$374,067.39		Request is over/under budget:				Under		\$35,997.61		Over	-		
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VILLAGE OF ROUND LAKE, ILLINOIS
VALLEY LAKES SUBDIVISION PATCHING 2015

WORK ORDER

ENGINEERS' PROJECT NO. 150477.60 (CONSTRUCTION)

Project Description:

The Project consists of construction-related engineering for patching specific sections of roadway within the Valley Lakes Subdivision. The limits of the Project are more specifically described in Attachment A of this Work Order and the tasks are more specifically described in Attachment B.

Engineering Services:

The general provisions of this contract are enumerated in the Village Engineering Services Agreement between the Village and the Engineers dated March 18, 1998. The scope of services for this Project is listed in Attachment B.

Compensation:

Compensation for the services will be in accordance with the Village Engineering Services Agreement dated March 18, 1998. The Engineers' fee for items as described will not exceed \$7,600.00 for Construction Engineering without prior written approval of the Village.

Submitted by: **Baxter & Woodman, Inc.**

By: _____

Louis D. Haussmann, PE, PTOE

Title: Vice President/COO

Date: July 21, 2015

Approved: **Village of Round Lake, Illinois**

By: _____

Daniel A. MacGillis

Title: Mayor

Date: _____

Additional Comments and Conditions:

SCHEDULE

Award Contract

Begin Construction

Complete Construction

August 3, 2015

August 24, 2015

September 18, 2015

Project Description

The proposed work shall entail reconstruction of failed sections of pavement to reestablish adequate structural capacity to the selected roads, preventing complete failure.

Pavement patching and resurfacing shall occur at various locations, as determined in the field with the Village's staff.

The limits of the Project are at specific locations on the following streets:

Bentley Lane	Meadowview Drive
Broadsmore Lane	North Carlisle Court
Cascade Circle	Overlook Circle
Catalina Drive	Overlook Trail
Durham Court	Prairie Mist Drive
Forest Cove Drive	Prairie Springs Drive
Greenleaf Drive	Rookery Circle
Havenwood Drive	Savannah Court
Heron View Way	Savannah Parkway
Inverness Court	Springside Drive
Larkspur Lane	Waterford Drive
Lily Lane	Westminister Court
Litchfield Drive	Wickow Lane
Marsh Meadow Lane	Winthrop Drive

The anticipated work includes the following:

- milling the existing patch area
- removal of existing pavement
- undercutting of subgrade (as necessary)
- curb and gutter removal and replacement (as necessary)
- constructing hot-mix asphalt patch

Construction-Related Engineering Scope of Services (150477.60)

1. Act as the Owner's representative with duties, responsibilities and limitations of authority as assigned in the construction contract documents.
2. PROJECT INITIATION
 - Prepare Award Letter, Agreement, Contract Documents, Performance/Payment Bonds, and Notice to Proceed. Review Contractor insurance documents.
 - Attend and prepare minutes for the preconstruction conference, and review the Contractor's proposed construction schedule and list of subcontractors.
3. CONSTRUCTION ADMINISTRATION
 - Attend periodic construction progress meetings.
 - Shop drawing and submittal review by Engineer shall apply only to the items in the submissions and only for the purpose of assessing, if upon installation or incorporation in the Project, they are generally consistent with the construction documents. Owner agrees that the contractor is solely responsible for the submissions (regardless of the format in which provided, i.e. hard copy or electronic transmission) and for compliance with the contract documents. Owner further agrees that the Engineer's review and action in relation to these submissions shall not constitute the provision of means, methods, techniques, sequencing or procedures of construction or extend to safety programs and precautions. Engineer's consideration of a component does not constitute acceptance of the assembled item.
 - Prepare construction contract change orders and work directives when authorized by the Owner.
 - Review the Contractor's requests for payments as construction work progresses, and advise the Owner of amounts due and payable to the Contractor in accordance with the terms of the construction contract documents.
4. FIELD OBSERVATION
 - Engineer's site observation shall be at the times agreed upon with the Owner. Engineer will provide Resident Project Representatives at the construction site on a periodic part-time basis from the Engineer's office of not more than eight (8) hours per regular weekday, not including legal holidays (for up to 56 hours) as deemed necessary by the Engineer, to assist the Contractor with interpretation of the Drawings and Specifications, to observe in general if the Contractor's work is in conformity with the Final Design Documents, and to monitor the Contractor's progress as related to the Construction Contract date of completion. Through standard, reasonable means, Engineer will become generally familiar with

observable completed work. If Engineer observes completed work that is inconsistent with the construction documents, that information shall be communicated to the contractor and Owner to address. Engineer shall not supervise, direct, control, or have charge or authority over any contractor's work, nor shall the Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety at the site, nor for any failure of any contractor to comply with laws and regulations applicable to such contractor's furnishing and performing of its work. Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform the work in accordance with the contract documents, which contractor is solely responsible for its errors, omissions, and failure to carry out the work. Engineer shall not be responsible for the acts of omissions of any contractor, subcontractor, or supplier, or of any of their agents or employees or any other person, (except Engineer's own agents, employees, and consultants) at the site or otherwise furnishing or performing any work; or for any decision made regarding the contract documents, or any application, interpretation, or clarification, of the contract documents, other than those made by the Engineer.

- Provide the necessary base lines, benchmarks, and reference points to enable the Contractor to proceed with the work.
- Keep a daily record of the Contractor's work on those days that the Engineers are at the construction site including notations on the nature and cost of any extra work, and provide weekly reports to the Owner of the construction progress and working days charged against the Contractor's time for completion.

5. COMPLETION OF PROJECT

- Provide construction inspection services when notified by the Contractor that the Project is complete. Prepare written punch lists during final completion inspections.
- Review the Contractor's requests for final payment, and advise the Owner of the amounts due and payable to the Contractor in accordance with the terms of the construction contract documents.

6. PROJECT CLOSEOUT

- Provide construction-related engineering services including, but not limited to, General Construction Administration and Resident Project Representative Services.



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

TITLE: SCADA SERVER UPGRADE AND ADDITIONAL TAGS

Agenda Item No. COTW

Executive Summary

Staff is recommending the Village hire B&W Control Systems Integration to install a new SCADA server (supplied by others) and new SCADA tags. The SCADA server warranty expired in 2009 and the equipment needs to be updated. The SCADA system is a vital component in controlling the Village water distribution system and sanitary sewer collection system. The additional SCADA tags will be used to monitor information about lift station levels, generator failure and pump failure at our lift stations and wells, please see the attached list.

B&W Control Systems Integration installed the SCADA system that the Village currently uses and has maintained it since it was installed.

SCADA server install \$22,900
 SCADA tags install \$6,600
 Total cost = \$29,500

Recommended Action

Approve a work order from B&W Control Systems Integration to install a new SCADA server and tags.

Committee: PW/F&CA and Engineering		Meeting Date(s): 08/03/15	
Lead Department: Public Works		Presenter: Adam Wedoff, Director of Public Works	
Item Budgeted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.	Account(s)	Budget	Expenditure
	61-60-91-99117	\$11,000.00	
	Item Requested	\$30,000.00	\$22,900.00
	Y-T-D Actual		\$0.00
	Amount Encumbered		\$5,118.52
	Total	\$41,000.00	\$28,018.52
	50-60-91-99101	\$1,905.00	
	Item Requested	\$6,600.00	\$6,600.00
	Y-T-D Actual		\$0.00
	Amount Encumbered		\$0.00
	Total	\$8,505.00	\$6,600.00
	Grand Total	\$49,505.00	\$34,618.52
	Request is over/under budget:		
Under			\$14,886.48



B&W Control Systems Integration
8678 Ridgfield Road · Crystal Lake, IL 60012
815.788.3600 office · 815.455.0450 fax · www.bwcsi.com

July 28, 2015

Mr. Adam Wedoff
Director of Public Works
Village of Round Lake
751 West Townline Road
Round Lake, IL 60073

**Subject: 2015 SCADA Server Upgrade
BWCSI Job Number 140520.50 Rev 3**

Dear Mr. Wedoff:

The Village's existing Supervisory Control and Data Acquisition (SCADA) server environment has passed the end of its serviceable life and is due for replacement. The SCADA server (SCADA-1) is a Dell PowerEdge 2850 running Windows 2003 Server with GE's iFIX 4 (the latest version is 5.8). The server hardware, operating system, and iFix version are all out of date. The server's warranty expired on 4/27/2009 leaving the Village at risk if they had to try to acquire replacement parts for the server. In addition, the SCADA alarming package (WIN-911 ver 7.04.00.00) is out of date (current version is 7.16).

The following is B&W Control Systems Integration (BWCSI)'s proposal to upgrade the existing SCADA Server software, upgrade the GE iFIX software and Specter Instruments WIN-911.

Scope of Services

Equipment

BWCSI to provide the following SCADA Materials:

- GE iFIX SCADA Software and WIN-911:
 - One (1) Industrial Gateway Server
 - One (1) iFIX Plus SCADA 900 I/O Development license

The Village is required to supply the SCADA server with Dialogic card, all Microsoft licensing, and a backup solution. The Village understands that warranty on materials not provided by BWCSI will be provided strictly by the manufacturer. No additional labor or materials warranties are provided by BWCSI for Village-provided equipment. The requirements for the Village-supplied hardware and software are listed below:



- SCADA server specifications (to be provided by the Village):

Item	Description
Base Unit	Dell PowerEdge R320 with Chassis for Up to Four 3.5-Inch Hard Drives
Processor	Intel® Xeon® E5-1410 2.80GHz, 10M Cache, Turbo, 4C, 80W, Max Mem 1333MHz
Memory	16GB RDIMM, 1600MT/s, Low Volt, Dual Rank, x4 Data Width
Controller	PERC H310 Integrated RAID Controller
Hard Drives	1 x 600GB 15K RPM Serial-Attach SCSI 3.5" Hot Plug Hard Drives – 600GB RAID
Network Adapters	On-Board Broadcom 5720 Dual Port 1Gb LOM
Chassis	Rack Mount Chassis
Operating System	[Provided under Select Agreement]
Power Supply	Dual, Hot-plug, Redundant Power Supply (1+1), 750W
CD/DVD Drive	DVD+/-RW, SATA, INTERNAL
Hardware Support	3 Year ProSupport 4HR 7x24 Onsite: Non Mission Critical
Remote Management	iDRAC7 Enterprise
Voice Board	Dialogic P/N D4PCIUFEQ

Licensing

The Village is responsible for providing the following Microsoft licensing and backup solution.

Item	Description
Microsoft Windows Server Standard	One (1) - MS SLD+ WIN SRV STD LIC 2PROC
Microsoft Windows Server CALs	Five (5) - MS SLD+ WIN SRV UCAL LIC
Microsoft Office Professional	One (1) – MS SLD+ Office Pro Plus LIC
Mozy Cloud Backup	50 GB Hosted cloud based backup system (1 year)



Labor

Project Management

- Plan, schedule, and coordinate the activities that must be performed to complete the project.

Server and System Configuration / SCADA Installation and Development

- Configure the server in our office to host one SCADA Server.
- Apply any compatible firmware upgrades, security patches, and software prerequisites.
- Configure base operating system on SCADA servers. Patch and update with most recent stable, compatible available updates.
- Install the most recent version of the SCADA software, I/O driver, and alarming software (WIN-911 7.16) and migrate the existing SCADA applications to the new server.
- Migrate Microsoft Access Database to new server.
- Add lift communication fail alarms to iFix and Win911. Alarms currently exist in master PLC but are not in iFix due to the current tag limitation.
- Work with IT Contractor / Public Works staff to create role-based security levels and then work with Village IT Contractor to create groups in the Village's Active Directory.
- Verify end-user access to migrated resources.
- Test system to ensure proper operation.
- BWCSI will remove any existing outdated hardware or software (once new server operation has been confirmed) and recycle properly (any old hard drives will be wiped prior to recycling).

Additional SCADA Improvements

- Provide 50 hours of additional SCADA improvements as directed by the Village, including additional PLC programming, OIT programming and SCADA software configuration.

Fee

Our fee for the above scope is a lump sum of \$29,500.



This fee is valid for 90 days from the date of this proposal.

Terms & Conditions

Refer to attached Standard Terms & Conditions document.

Acceptance

If this proposal is acceptable, please sign one copy and return to us. Feel free to contact me if you have any questions.

Very truly yours,

B&W CONTROL SYSTEMS
INTEGRATION, LLC

Michael D. Klein, PE
Automation Department Manager
MDK

J:\BWCSI\Crystal Lake\ROULK\140520- SCADA Server Upgrade 2014\10-INITIATION\140520 SCADA Server Upgrade 2014 Proposal.Docx

AUTHORIZATION BY

Signature/Date: _____

Printed Name and Title: _____

Above signature implies acceptance of the attached STANDARD TERMS & CONDITIONS, Rev 2.



Standard Terms and Conditions

(REV 2)

1. The submitted proposal and these Standard Terms & Conditions constitute and are herein referred to as the Agreement.
2. B&W Control Systems Integration, LLC is herein referred to as BWCSI, and the party with whom BWCSI is entering into this Agreement with is herein referred to as OWNER.
3. BWCSI may submit requests for periodic progress payments for services rendered. Payments shall be due and owing by the OWNER upon receipt of BWCSI's Invoice for services. Payments to BWCSI after (60) consecutive calendar days from the date of BWCSI's invoice for services shall include an additional late payment charge computed at an annual rate of twelve percent (12%) from date of BWCSI's Invoice; and BWCSI may, after giving seven (7) days written notice to the OWNER, suspend services under this Agreement until BWCSI has been paid in full all amounts due for services, expenses, and late payment charges.
4. This Agreement may be terminated, in whole or in part, by either party if the other party substantially fails to fulfill its obligations under this Agreement through no fault of the terminating party; or the OWNER may terminate this Agreement, in whole or in part, for its convenience. However, no such termination may be effected unless the terminating party gives the other party: (1) not less than ten (10) calendar days written notice by certified mail of intent to terminate, and (2) an opportunity for a meeting with the terminating party before termination. If this Agreement is terminated by either party, BWCSI shall be paid for services performed to the effective date of termination, including reimbursable expenses. In the event of contract termination, the OWNER shall receive reproducible copies of Drawings, Custom Developed Applications and other documents completed by BWCSI.
5. BWCSI agrees to hold harmless and indemnify the OWNER and each of its officers, agents and employees from any and all liability claims, losses, or damages, to the extent that such claims, losses, or damages are caused by BWCSI's negligence in the performance of the services under this Agreement, but not including liability that may be due to the sole negligence of the OWNER or other consultants, contractors or subcontractors working for the OWNER, or their officers, agents and employees. In the event claims, losses, or damages are caused by the joint or concurrent negligence of BWCSI and the OWNER they shall be borne by each party in proportion to its negligence.
6. The OWNER acknowledges that BWCSI is a Limited Liability Company and not a Professional Service Corporation, and further acknowledges that the corporate entity, as the party to this contract, expressly avoids contracting for individual responsibility of its officers, directors, or employees.
7. The OWNER and BWCSI agree that any claim made by either party arising out of any act of the other party, or any officer, director, or employee of the other party in the execution or performance of the Agreement, shall be made solely against the other party and not individually or jointly against such officer, director, or employees.
8. For the duration of the project, BWCSI shall procure and maintain insurance for protection from claims under worker's compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any and all employees or of any person other than such employees, and from claims or damages because of injury to or destruction of property including loss of use resulting therefrom, alleged to arise from BWCSI's negligence in the performance of services under this Agreement. The OWNER shall be named as an additional insured on BWCSI's general liability insurance policy. The limits of liability for the insurance required by this Section are as follows:

Workers Compensation:	Statutory Limits	Excess Umbrella Liability:	\$5,000,000 per claim and aggregate
General Liability:	\$1,000,000 per claim \$2,000,000 aggregate	Professional Liability:	\$5,000,000 per claim \$5,000,000 aggregate
Automobile Liability:	\$1,000,000 combined single limit		
9. Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, the total liability, in the aggregate, of BWCSI and their officers, directors, employees, agents, and any of them, to the OWNER and anyone claiming by, through or under the OWNER, for any and all claims, losses, costs or damages whatsoever arising out of, resulting from or in any way related to the project or the Agreement from any cause or causes, including but not limited to the negligence, professional errors or omissions, strict liability or breach of contract or warranty expressed or implied of BWCSI or their officers, directors, employees, agents or any of them, hereafter referred to as the "OWNER's Claims", shall not exceed the total insurance proceeds available to pay on behalf of or to BWCSI by their insurers in settlement or satisfaction of OWNER's Claims under the terms and conditions of BWCSI's insurance policies applicable thereto, including all covered payments made by those insurers for fees, costs and expenses of investigation, claims adjustment, defense and appeal.
10. BWCSI is responsible for the quality, technical accuracy, timely completion, and coordination of all Designs, Drawings, Custom Developed Applications and other services furnished or required under this Agreement, and shall endeavor to perform such services with the same skill and judgment which can be reasonably expected from similarly situated professionals.
11. The OWNER may, at any time, by written order, make changes within the general scope of this Agreement in the services to be performed by BWCSI. If such changes cause an increase or decrease in BWCSI's fee or time required for performance of any services under this Agreement, whether or not changed by any order, an equitable adjustment shall be made and this agreement shall be modified in writing accordingly. No service for which an additional compensation will be charged by BWCSI shall be furnished without the written authorization of the OWNER.
12. All Drawings, Custom Developed Applications, and other documents prepared or furnished by BWCSI pursuant to this Agreement are instruments of service in respect to the project, and BWCSI shall retain the right of reuse of said documents and electronic media by and at the discretion of BWCSI whether or not the project is completed. Electronic copies of BWCSI's documents for information and reference in connection with the use and occupancy of the project by the OWNER and others shall be delivered to and become the property of the OWNER; however, BWCSI's documents are not intended or represented to be suitable for reuse by the OWNER or others on additions or extensions of the project, or on any other project. Any such reuse without verification or adaptation by BWCSI for the specific purpose intended will be at the OWNER's sole risk and without liability or legal exposure to BWCSI, and the OWNER shall indemnify and hold harmless BWCSI from all claims, damages, losses and expenses including attorneys' fees arising out of or resulting therefrom.
13. BWCSI will make good any defect due to improper materials or workmanship supplied by BWCSI without expense to the Owner for one (1) year after the OWNER's acceptance of the installation. The warranty covers only defects in material and workmanship on products purchased and fully installed by BWCSI and does not cover defects caused by improper use, abuse, accident, acts-of-God (including but not limited to lightning), alteration, or other conditions beyond BWCSI's control, as determined by BWCSI.
14. Any provision or part thereof of this Agreement held to be void or unenforceable under any law shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the parties. The parties agree that this Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision which comes as close as possible to expressing the intention of the stricken provision.
15. This Agreement contains and embodies the entire and integrated agreement between parties hereto and supersedes all prior negotiations, representations, or agreements, either written or oral.

List of locations and alarms for additional SCADA tags

Arden Lift Station:

Generator Fail
Low Wet Well Level

Cambridge Lift Station:

Pump Station Flooding

Cedar Lake Pumping Station:

Generator Fail
Pump Station Flooding

Cedar Lake Lift Station:

Generator Fail
Low Wet Well Level

Curran Lift Station:

Low Wet Well Level

Dawn Marie Lift Station:

Generator Fail
Low Wet Well Level

Lakewood Lift Station:

Low Wet Well Level
Pump #1 Fail
Pump #2 Fail

Nippersink Pump Station:

Pump Station Flooding

Nippersink Lift Station:

Pump #1 Fail
Pump #2 Fail
Low Wet Well Level
Pump Station Flooding

Prairie Walk Lift Station:

Generator Fail
Low Wet Well Level

Rosewood Lift Station:

Pump #1 Fail
Pump #2 Fail
Low Wet Well Level

School St. Lift Station:

Low Wet Well Level

Wilson Water Tower:

Power Fail

Public Works / P.D. Facility:

Generator Running
Generator Fail



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

TITLE: SCADA SERVER PURCHASE

Agenda Item No. COTW

Executive Summary

Staff is recommending the purchase of a new SCADA server and software licensing from Current Technologies, to be installed by others. The current SCADA server warranty expired in 2009 and the equipment needs to be updated. The SCADA system is a vital component in controlling the Village water distribution system and sanitary sewer collection system.

Quotes for the hardware and licensing were as follows:

Current Technologies \$5,118.52
 B&W Control Systems Integration \$6,020.00

Current Technologies was the lowest quote and they currently provide IT work for the Village so they are familiar with Village staff, systems and requirements.

Recommended Action

Approve a SCADA server purchase from Current Technologies.

Committee: PW/F&CA and Engineering		Meeting Date(s): 08/03/15																												
Lead Department: Public Works		Presenter: Adam Wedoff, Director of Public Works																												
Item Budgeted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Account(s)</th> <th style="text-align: center;">Budget</th> <th style="text-align: center;">Expenditure</th> </tr> </thead> <tbody> <tr> <td>Other Items</td> <td style="text-align: right;">\$11,000.00</td> <td></td> </tr> <tr> <td>Item Requested</td> <td style="text-align: right;">\$30,000.00</td> <td style="text-align: right;">\$5,118.52</td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$22,900.00</td> </tr> <tr> <td>61-60-91-99117</td> <td style="text-align: right;">\$41,000.00</td> <td style="text-align: right;">\$28,018.52</td> </tr> <tr> <td colspan="3">Request is over/under budget:</td> </tr> <tr> <td style="text-align: center;">Under</td> <td></td> <td style="text-align: right;">\$12,981.48</td> </tr> <tr> <td style="text-align: center;">Over</td> <td style="text-align: center;">-</td> <td></td> </tr> </tbody> </table>	Account(s)	Budget	Expenditure	Other Items	\$11,000.00		Item Requested	\$30,000.00	\$5,118.52	YTD Actual		\$0.00	Amount Encumbered		\$22,900.00	61-60-91-99117	\$41,000.00	\$28,018.52	Request is over/under budget:			Under		\$12,981.48	Over	-		
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Under		\$12,981.48																												
Over	-																													

Date 06/25/15
 Quote # CTCQ14689
 Quoted By MRhodes

Current Technologies
 1423 Centre Circle
 Downers Grove, IL 60515
 630.388.0240
 fax: 630.388.0241
 currenttech.net



Quote | Order Form

Sold To:

Round Lake, Village of
 Steven Shields
 442 N. Cedar Lake Road
 Round Lake, IL 60073
 United States
 Phone: (847) 546-5400
 Fax:
 sshields@eroundlake.com

Ship To:

Round Lake, Village of
 Steven Shields
 442 N. Cedar Lake Road
 Round Lake, IL 60073
 United States
 Phone: (847) 546-5400
 Fax:
 sshields@eroundlake.com

Public Works SCADA Server

Note - Specifications are per B&W Control Systems Integration

Line #	Description	Qty	Unit Price	Ext. Price
1	Dell PowerEdge R320, 3.5" Chassis with up to 4 Hot Plug Hard Drives (1) Intel® Xeon® E5-1410 v2 2.80GHz, 10M Cache, Turbo, 4C, 80W, Max Mem 1333MHz (1) 16GB RDIMM, 1600MT/s, Low Volt, Dual Rank, x4 Data Width RAID 1 for H710/H310 (2 HDDs) PERC H310 Integrated RAID Controller (2) 600GB 15K RPM SAS 6Gbps 3.5in Hot-plug Hard Drive iDRAC7 Enterprise On-Board Broadcom 5720 Dual Port 1Gb LOM Dual, Hot-plug, Redundant Power Supply, 350W (2) NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord ReadyRails Static Rails for 2/4-post Racks Bezel DVD+/-RW, SATA, Internal for 4HD Chassis Electronic System Documentation and OpenManage DVD Kit for R320 3 Year ProSupport 4HR 7x24 Onsite: Non Mission Critical	1	\$3,041.57	\$3,041.57
2	Dialogic D4PCIUFEQ Voice Board - PCI Express - Plug-in Card	1	\$560.82	\$560.82
3	SubTotal			\$3,602.39
4				
5	MozyPro- Subscription License - 50 GB Capacity - 1 Year - PC, Mac	1	\$252.90	\$252.90
6	SubTotal			\$252.90
7				
8	Microsoft Windows Server 2012 R.2 Standard - License - 1 Server, 2 CPU - Volume, Government - MOLP: Open License for Government - PC - English	1	\$713.95	\$713.95

Item	B&W Cost	CTC Cost
Server with Dialogic Card	\$4,170	3602.39
Microsoft Licensing	\$1,550	1263.23
Mozy Backup	\$300	252.9

\$6,020

5118.52

\$901 Total Savings on CTC Quote



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

TITLE: MOTOR FUEL TAX (MFT) MAINTENANCE RESOLUTION FOR
 FY 2016

Agenda Item No. COTW

Executive Summary

An annual Motor Fuel Tax (MFT) Resolution is required by the Village Board to obtain reimbursement for eligible Public Works expenses of various road related maintenance/repair activities. The Resolution is for our estimated MFT eligible maintenance expenses for FY 2016. Refer to the attached IDOT formatted resolution and attachment for explanation and cost summaries.

Recommended Action

Approve the Resolution for reimbursement for the estimated MFT eligible Maintenance expenses for Fiscal Year 2016.

Committee: PW/F&CA and Engineering		Meeting Date(s): 08/03/15																																									
Lead Department: Public Works		Presenter: Adam Wedoff, Director of Public Works																																									
Item Budgeted: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Account(s)</th> <th style="width: 20%;">Budget</th> <th style="width: 20%;">Expenditure</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Other Items</td> <td style="text-align: right;">\$0.00</td> <td></td> <td></td> </tr> <tr> <td>Item Requested</td> <td style="text-align: right;">\$0.00</td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">\$0.00</td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td colspan="4">Request is over/under budget:</td> </tr> <tr> <td style="text-align: right;">Under</td> <td colspan="3">-</td> </tr> <tr> <td style="text-align: right;">Over</td> <td colspan="3">-</td> </tr> </tbody> </table>			Account(s)	Budget	Expenditure		Other Items	\$0.00			Item Requested	\$0.00	\$0.00		YTD Actual		\$0.00		Amount Encumbered		\$0.00							\$0.00	\$0.00		Request is over/under budget:				Under	-			Over	-		
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Over	-																																										



Illinois Department of Transportation

Resolution for Maintenance of Streets and Highways by Municipality Under the Illinois Highway Code

BE IT RESOLVED, by the President and Board of Trustees of the Village of Round Lake, Illinois, that there is hereby appropriated the sum of \$146,770.00 of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of the Illinois Highway Code from May 1, 2015 to April 30, 2016

BE IT FURTHER RESOLVED, that only those streets, highways, and operations as listed and described on the approved Municipal Estimate of Maintenance Costs, including supplemental or revised estimates approved in connection with this resolution, are eligible for maintenance with Motor Fuel Tax funds during the period as specified above.

BE IT FURTHER RESOLVED, that the Clerk shall, as soon a practicable after the close of the period as given above, submit to the Department of Transportation, on forms furnished by said Department, a certified statement showing expenditures from and balances remaining in the account(s) for this period; and

BE IT FURTHER RESOLVED, that the Clerk shall immediately transmit two certified copies of this resolution to the district office of the Department of Transportation, at Schaumburg, Illinois.

I, Patricia C. Blauvelt Clerk in and for the Village of Round Lake, County of Lake

hereby certify the foregoing to be a true, perfect and complete copy of a resolution adopted by the President and Board of Trustees at a meeting on August 17, 2015

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____

(SEAL) _____ Village Clerk
(City, Town or Village)

Approved

Regional Engineer
Department of Transportation

Date



Maintenance Period 5/1/2015 to 4/30/2016

Municipality: Village of Round Lake

Section Number: 16 - 00000 - 00 - GM

Estimated Cost of Maintenance Operations

Maintenance Operation (No. Description)	Maint. Group	Insp. Req.	For Group I, IIA, IIB, or III				Est Total Operation Cost	
			Item	Unit	Quantity	Unit Price		Item Cost
1. Gravel	II		Gravel	Ton	375	20.00	7,500.00	7,500.00
2. Ice Control	II		Liquid Deicer	Gal	6000	0.50	3,000.00	3,000.00
3. Patching	II		Bituminous (Hot Mix)	Ton	225	55.00	12,375.00	12,375.00
			Bituminous (Cold Patch)	Ton	90	125.00	11,250.00	11,250.00
			Concrete	CY	10	140.00	1,400.00	1,400.00
			Bituminous Asphalt Disposal	Load	50	35.00	1,750.00	1,750.00
4. Pavement Marking	IIB		Thermoplastic (By Contract)	LF	17500	1.00	17,500.00	17,500.00
			Paint	LF	1500	1.00	1,500.00	1,500.00
5. Sidewalk	IIB		PCC (By Contract)	SF	6000	2.50	15,000.00	15,000.00
6. Day Labor	II		In-house Labor	Day	7	3,570.00	24,990.00	24,995.00
7. Crack Sealing	IIB		By Contract	LF	62500	0.80	50,000.00	50,000.00
Total Estimated Maintenance Operation Cost							146,270.00	
Preliminary Engineering							500.00	
Engineering Inspection								
Material Testing								
Advertising								
Bridge Inspections								
Total Estimated Maintenance Engineering Cost							500.00	
Total Estimated Maintenance Cost							146,770.00	

Submitted:

Approved:

Municipal Official Title

Regional Engineer

Date

Date



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

TITLE: MACGILLIS DRIVE BRIDGE LOCAL AGENCY AGREEMENT AMENDMENT

Agenda Item No. COTW

Executive Summary

Design Supplement No. 1 was approved by the Village Board of Trustees on April 20, 2015.

As with the Design Services, the cost of Supplement No. 1 is eligible for 80% reimbursement under the Federal Highway Bridge Program. The Local Agency Agreement (Form BLR 05310) executed with the Engineering Services Agreement must be revised to reflect the total including Supplement No. 1.

Attached is the Local Agency Amendment form for Supplement No. 1, which was inadvertently omitted from consideration with the Supplement at the April 20, 2015 Village Board meeting. IDOT has reviewed both the Supplement No. 1 and the revised Local Agency Agreement and is supportive of both.

Recommended Action

Approve Local Agency Amendment No. 1 for cost sharing of design services as defined in Supplement No. 1.

Committee: PW/FCA/ENGR		Meeting Date(s): COTW																																					
Lead Department: Engineering		Presenter: Kurt Baumann																																					
<p>Item Budgeted: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p> <p>If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Account(s)</th> <th style="width: 20%;">Budget</th> <th style="width: 30%;">Expenditure</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>35-20-73-77307</td> <td style="text-align: right;">\$0.00</td> <td></td> <td></td> </tr> <tr> <td>Item Requested</td> <td></td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td style="text-align: right;">Total:</td> <td style="text-align: right;">\$0.00</td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td colspan="4">Request is over/under budget:</td> </tr> <tr> <td style="text-align: right;">Under</td> <td colspan="3">-</td> </tr> <tr> <td style="text-align: right;">Over</td> <td colspan="3">-</td> </tr> </tbody> </table>			Account(s)	Budget	Expenditure		35-20-73-77307	\$0.00			Item Requested		\$0.00		YTD Actual		\$0.00		Amount Encumbered		\$0.00		Total:	\$0.00	\$0.00		Request is over/under budget:				Under	-			Over	-		
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 Illinois Department of Transportation Local Agency Amendment # 1 for Federal Participation	Local Agency Village of Round Lake	State Contract <input type="checkbox"/>	Day Labor <input type="checkbox"/>	Local Contract <input checked="" type="checkbox"/>	RR Force Account <input type="checkbox"/>
	Section: 11-00034-00-BR	Fund Type: STP-Br	ITEP and/or SRTS Number		
Construction		Engineering		Right-of-Way	
Job Number	Project Number	Job Number	Project Number	Job Number	Project Number
		D-91-189-11	BRM-9003(744)		

This Amendment is made and entered into between the above local agency hereinafter referred to as the "LA" and the state of Illinois, acting by and through its Department of Transportation, hereinafter referred to as "STATE". The STATE and LA jointly propose to improve the designated location as described below. The improvement shall be constructed in accordance with plans approved by the STATE and the STATE's policies and procedures approved and/or required by the Federal Highway Administration hereinafter referred to as "FHWA".

Location

Location MacGillis Drive Route Off-System Length 0.07
 Termini Over Squaw Creek

Current Jurisdiction LA TIP Number 10-10-0030 Existing Structure No 049-7700

Amended Division of Cost

Type of Work	STP-BR	%	%	LA	%	Total
Participating Construction	()	()	()	()	()	
Non-Participating Construction	()	()	()	()	()	
Preliminary Engineering	114,351	*	()	28,588	(BAL)	142,939
Construction Engineering	()	()	()	()	()	
Right of Way	()	()	()	()	()	
Railroads	()	()	()	()	()	
Utilities	()	()	()	()	()	
Materials	()	()	()	()	()	
TOTAL	\$ 114,351			\$ 28,588		\$ 142,939

*Maximum FHWA (STP-Br) participation 80% not to exceed \$114,351.

NOTE:

The costs shown in the Division of Cost table are approximate and subject to change. The final LA share is dependent on the final Federal and State participation. The actual costs will be used in the final division of cost for billing and reimbursement.

If funding is not a percentage of the total, place an asterisk in the space provided for the percentage and explain above.

Changes to Agreement Provisions

BE IT MUTUALLY AGREED that all remaining provisions of the original agreement not altered by this Amendment shall remain in full force and effect and the Amendment shall be binding upon and inure to the benefit of the parties hereto, their successors and assigns.

The LA further agrees, as a condition of payment, that it accepts and will comply with the applicable provisions set forth in this Amendment.

APPROVED

Local Agency

Daniel A. MacGillis

Name of Official (Print or Type Name)

Mayor

Title (County Board Chairperson/Mayor/Village President/etc.)

(Signature)

Date

The above signature certifies the agency's TIN number
36-6006086 conducting business as a Governmental
Entity.

DUNS Number 789164652

NOTE: If signature is by an APPOINTED official, a resolution authorizing said appointed official to execute this agreement is required.

APPROVED

State of Illinois
Department of Transportation

Erica J. Borggren, Acting Secretary

Date

By:

Aaron A. Weatherholt, Deputy Director of Highways

Date

Omer Osman, Director of Highways/Chief Engineer

Date

Michael A. Forti, Chief Counsel

Date

Tony Small, Director of Finance and Administration

Date