

AGENDA
VILLAGE OF ROUND LAKE
COMMITTEE OF THE WHOLE MEETING
October 3, 2016
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 September 19, 2016

3. PUBLIC COMMENT

4. COMMITTEE OF THE WHOLE

- Community Development
- Human Resources and Finance
- Public Works, Facilities and Capital Assets, and Engineering
 - Water Line Drop in Public Works Shop
 - Lightning Protection for Police and Public Works Building
 - Repairs to Truck #54 (Emergency Repair)
 - Cambridge Lift Station SCADA
- Building and Zoning
- Special Events
- Police
- Administration

5. SUGGESTED NEW TOPICS

6. EXECUTIVE SESSION

7. ADJOURN

MINUTES
VILLAGE OF ROUND LAKE
COMMITTEE OF THE WHOLE MEETING
September 19, 2016
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 7:19 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 September 6, 2016

Trustee Kraly moved, Seconded by Trustee Rodriguez, to approve the Minutes of the Committee of the Whole Meeting of September 6, 2016. Upon a unanimous voice vote; the Mayor declared the motion carried

3. PUBLIC COMMENT

NONE

4. COMMITTEE OF THE WHOLE

- Community Development
 - ICSC Chicago Deal Making
The Mayor stated that he will be attending this event on October 19th & 20th which will take place at Navy Pier in Chicago. Held annually these deal making events are a great opportunity for owners, developers municipalities, etc to gather under one roof to exhibit, make deals and form successful business partnerships. The Mayor also mentioned that our Community Developer Liaison should attend. It was asked if the Village will be partnering with anyone else and at this time we're not. It was mentioned that a booklet is provided at the event and if we partner with someone only the main person of the booklet is mentioned in there. We will know in a day or so if a booth will be available though.
- Human Resources and Finance
- Public Works, Facilities and Capital Assets, and Engineering
 - War Memorial and Fountain Repairs
Public Works Director Wedoff recommended accepting a proposal from Olsen Tuckpointing Company to complete repairs to the War Memorial and Fountain which is located on the corner of Rte 13 and Cedar Lake Road. PWD Wedoff stated staff reached out to several contractors and could not find another company that would bid on the work in accordance with the Prevailing Wage Act.

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

- Additional Tree Removal Work Authorization
PWD Wedoff stated that a contract had been signed with Homer Tree Care for tree removal with the Village spending up to \$70,000. for this work. After working through the list of trees it was determined at approximately 650 trees could be removed, leaving approximately 350 trees still needing to be taken down at a cost of \$35,000. It was recommended using funds that were budgeting for tree trimming to complete all the tree removals this year. \$60,000. was budgeted for tree trimming this fiscal year. The majority of the tree removals are dead/dying Ash trees affected by the Emerald Ash Bore but some hazardous trees will also be removed. While trimming is a concern that needs to be addressed, staff feels the dead tree removal is a higher priority at this time.

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

- Snow Plow Purchase
PWD Wedoff recommended purchasing a 10 foot poly Snow Buster moldboard with Boss heavy duty push frame from Monroe Truck Equipment. The plow is designed to fit the existing mounting form on the Village owned Ford F550 1.5 ton trucks. The Village has three of the trucks that are used for snow plowing in the winter, each currently have a steel plow but they are showing signs of fatigue cracking. This plow would replace one of the steel plows on a truck and the steel plow would then be kept as a backup. Staff would like to try it out to see if it is more durable than the steel plows. Currently Libertyville uses a shorter version of the plow on their pickup trucks and feel they perform very well.

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

- Building and Zoning
- Special Events
 - Homecoming Parade Participation
It was asked again who from the board would be available to participate in the Homecoming parade taking place on Saturday October 1st. Several board members stated they were busy. Trustee Newby will take the information back to Trustee Triphahn to determine if we will participate
- Police
- Administration
 - Northwest FPA Wholesale Policy Advisory Committee: Fox Lake/Lake County Contract – Administrative Fees
Village Administrator Shields stated that in early May the Northwest FPA Wholesale Policy Advisory Committee learned that there may be discrepancies in the methodology of how the Village of Fox Lake allocates monies from the Northwest Regional Water Reclamation Fund to its General Fund and the County Administrator and the Fox Lake Village Administrator have been working together to rectify the situation. At the May meeting it was indicated that the misallocation of funds was in the amount of \$1.4 million from the period of 2011-2015. It was stated that a full audit will be taking place.

- Belvidere Road Corridor Road Capacity Plan
VA Shields stated that the communities of Lakemoor, Volo, Round Lake, Round Lake Park, Hainesville and Grayslake have cooperated to develop a list of Belvidere Road corridor-wide capacity improvements . This group feels that bringing the proposed projects on Route 120 to the County as a group opposed to individually will help facilitate the projects. VA Shields provided a listing of selected corridor capacity improvements along the route including the cost estimate

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

- 545 Railroad Avenue Draft Lease Agreement
VA Shields stated that four vendors are currently looking at the property formally known as Classy Chassis. A new lease agreement has been drafted by our Village attorney although a few items need to be finalized with it, for the most part the lease as presented to the board is very comprehensive. He also stated that with the building repairs coming to a close, he wanted to get the agreement to the board for review

5. SUGGESTED NEW TOPICS

6. EXECUTIVE SESSION

7. ADJOURN

Motion by Trustee Foy, Seconded by Trustee Kraly to adjourn the Committee of the Whole meeting at 7:48 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: WATER LINE DROP AT PUBLIC WORKS GARAGE

Agenda Item No. COTW

Executive Summary

Staff recommends accepting a proposal from Duane Blanton Plumbing, Sewer & Drainage, Inc. to install a 1.5 inch water line drop inside the Public Works garage. The water line is needed to hose down trucks especially in the winter to rinse salt off the plow trucks. We currently use the fire hydrant behind the shop but frequent use of a hydrant in winter increases the risk of damage from freezing.

Staff received the following quotes for the work:

- Duane Blanton Plumbing \$2,353.20
- Colette & Ano Plumbing Co. \$2,743.00
- A Alfa Plumbing & Sewer \$3,950.00

Recommended Action

Accept a proposal from Duane Blanton Plumbing, Sewer & Drainage, Inc. to install a 1.5 inch water line drop inside the Public Works garage.

Committee: PW/F&CA and Engineering		Meeting Date(s): 10/03/16																																	
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="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;">\$92,775.00</td> <td></td> </tr> <tr> <td>Item Requested</td> <td style="text-align: right;">\$3,000.00</td> <td style="text-align: right;">\$2,353.20</td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$29,398.60</td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>01-60-79-77905</td> <td style="text-align: right;">\$95,775.00</td> <td style="text-align: right;">\$31,751.80</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;">\$64,023.20</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	\$92,775.00		Item Requested	\$3,000.00	\$2,353.20	YTD Actual		\$29,398.60	Amount Encumbered		\$0.00							01-60-79-77905	\$95,775.00	\$31,751.80	Request is over/under budget:			Under		\$64,023.20	Over	-		
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A Alfa Plumbing & Sewer, Inc.
305 S Granada Blvd, Ste 4
Lindenhurst, IL 60046
(847) 208-0015
alfaplumbing@yahoo.com
alfaplumbingandsewer.com

Estimate 1011

ADDRESS Village of Round Lake 442 N Cedar Lake Rd Round Lake, IL 60073	SHIP TO Village of Round Lake 751 Townline Rd Round Lake, IL 60073	DATE 09/26/2016	TOTAL \$3,950.00	
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ACTIVITY	QTY	RATE	AMOUNT
ESTIMATE Tie into existing water line: Piping, valve install, and insulating the water pipes A Alfa Plumbing installs for hose connection. Price includes material and labor Round Lake Public Works Supplying Lift.	1	3,950.00	3,950.00

Here's your estimate as requested. Please contact us if you have any questions or concerns. All estimated must be signed and returned to the office for acceptance.

TOTAL **\$3,950.00**

Thank you for your business!
A Alfa Plumbing & Sewers, Inc.

THANK YOU.

Accepted By

Accepted Date

PAYMENT DUE UPON COMPLETION.
PAYMENTS NOT RECEIVED WITHIN 30 DAYS ARE SUBJECT TO A
2% (\$10 Minimum) CHARGE PER MONTH. ANY COSTS INCURRED
DURING COLLECTION WILL BE ADDED TO THE BALANCE DUE.



VILLAGE OF ROUND LAKE

AGENDA ITEM SUMMARY

TITLE: LIGHTNING PROTECTION SYSTEM FOR THE POLICE AND PUBLIC WORKS BUILDING

Agenda Item No. COTW

Executive Summary

Staff recommends accepting a proposal from Pro Lightning Protection to design, furnish and install a complete lightning protection system for the Police and Public Works building. If the building is hit by lightning, it could cause significant damage to the Police and Public Works electrical systems, servers and the SCADA system. The building had a lightning protection system that was hit several years ago and damaged. The company that installed it is no longer in business so a new system needs to be installed.

Staff received the following quotes for the work:

Pro Lightning Protection	\$22,580.00
AMM Service Group	\$48,846.13
Radicom Inc.	\$64,479.38

Recommended Action

Accept a proposal from Pro Lightning Protection to design, furnish and install a complete lightning protection system for the Police/Public Works building.

Committee: PW/F&CA and Engineering	Meeting Date(s): 10/03/16																															
Lead Department: Public Works	Presenter: Adam Wedoff, Director of Public Works																															
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PRO LIGHTNING PROTECTION

DESIGN AND INSTALLATION OF LIGHTNING PROTECTION AND GROUNDING SYSTEMS
UNDERWRITERS LABORATORIES, INC. MASTER LABEL INSTALLER #E345537
LIGHTNING PROTECTION INSTITUTE MEMBER

Date: 7/11/2016

Mr. Kevin Amann
Round Lake Public Works
VIA EMAIL: kamann@eroundlake.com

**RE: Public Works Building Lightning Protection
Revised Quote #15-054**

We are pleased to submit our proposal for the above referenced project as follows:

Scope of Work:

- Design, furnish, and install a complete lightning protection system in compliance with the requirements of UL96A (Underwriters Laboratories, LPI175 (Lightning Protection Institute) and NFPA 780 (National Fire Protection Association) standards. Please see attached drawing for design and details of the proposed system. All materials will be UL listed for lightning protection.

Revised Price:

- Our price to perform all work listed above is **\$20,680**. This includes all design, drawings, materials, union labor, and our standard insurance coverage. Quoted price does not include sales tax and performance/payment bonds.
- **Additional price:** If a third party UL Master Label Certification is desired, please add **\$1,900** to the above price. This is a pass thru fee by Underwriters Laboratories to perform an onsite thorough inspection of the completed installation and provide a Master Label Certificate that is good for 5 years.

Not Included:

- Not included are any costs upgrade/replace any SPD's (surge protection devices) to meet current UL1449 3rd edition.

I trust that you will find our proposal complete. If you should have any questions or need further information, please contact me at (262) 925-7199 or via e-mail jeremy.marcelain@pro-lp.com. We appreciate the opportunity to be of service to you.

Sincerely,

Jeremy Marcelain
Department Supervisor

ESTIMATE



Round Lake Village Hall Attn: Adam
Wedoff
751 W. Townline Road
Round Lake, IL 60073

(847) 546-0962

AMM Service Group

5611 N Woodland Dr.
Mchenry, IL 60051

Phone: (815) 403-6122
Email: ammservicegroup@att.net
Web: ammservicegroup.com

Estimate # 3776024
Date 08/20/2016

Description	Total
LP - Lightning Protection Materials	\$15,540.00
<p>Preliminary Bill Of Materials includes materials required for a lightning protection system to comply with both UL 96A and NFPA 780 standards. This estimate includes exposed Class I aluminum roof top system with exposed copper down conductors to copper clad ground rods below grade.</p> <p>This estimate includes current pricing of materials. The materials included represent an analysis of the information available. The prices shown are subject to change without notice.</p> <p>This estimate complies with the National Fire Protection Associations' "NFPA 780, Standard for the Installation of Lightning Protection Systems, 2014 Edition" as well as Underwriters Laboratories Inc. Standard for Safety "UL 96A, Installation Requirements for Lightning Protection Systems, 13th Edition".</p> <p>Materials are USA manufactured locally.</p> <p>Upon purchase of materials from Harger Lightning and Grounding Systems in Mundelein, IL, an engineered shop drawing will be provided by them.</p> <p>Harger provides an engineering inspection near completion of work and also accompanies the UL inspector for no extra charge.</p>	
LP - Surge Protection Device	\$3,875.00
<p>Leviton 52480-DM3 TVSS Surge Protective Device; 100 Kilo-Amp, 480 Volt, 3 Phase, 4-Wire - UL 1449 3rd Edition Compliant. Replaceable internal surge protection modules. Lifetime Warranty.</p> <p>This is a top-of-the-line SPD. If desired, a less expensive device may be used.</p> <p>These devices are required to comply with the specified lightning protection standards. In order to obtain UL Master Label Certification, a surge protection device must be installed on the main electric service.</p>	

This surge protection device must be a Type 1 or Type 2 device that is listed to comply with 2009 UL 1449, 3rd edition and have at least a 20KA nominal discharge current.

Inspection of the low voltage communications and internet system may show that surge protection devices are missing or inadequate. These devices may be purchased separately.

LP - UL Master Label Inspection \$1,975.00

If desired, a U.L. Master Label Certificate can be obtained at the completion of the installation. UL Inspection fees are based on a measurement of the building perimeter. These fees are guaranteed for inspections that occur in 2016, however, these fees are subject to change by UL in subsequent years.

Labor \$24,500.00

Labor and basic equipment/tools to install lightning protection system. Does not include heavy equipment rental costs.
5 year warranty against failure of installation methods. Does not include extreme acts of nature. All installations will be performed to be as durable and aesthetically pleasing as possible. We go above and beyond other contractors to ensure durability of the installation. All trenching to include removal and replacement of landscape materials as needed. Includes labor to install necessary surge protection devices.

A - Equipment Rental \$1,500.00

Snorkel Lift - 1 week rental.
To provide OSHA approved tie-off point for sloped roof work in lieu of installing temporary roof tie-off points, which require penetrations of the roof material.

Subtotal	\$47,390.00
Sales Tax	\$1,456.13
Total	\$48,846.13

Please remit all payments to: AMM Service Group 5611 N Woodland Dr. Mchenry, IL. 60051

Prepared for:
Mark Kilarski 847.366.8004
Round Lake Public Works
751 Town Line Rd
Round Lake, IL 60073 U.S.A.

Prepared by: Mark A. Junkunc
Account No.: 3922
Phone: 847.546.0962
Fax: 847.740.3576

Quantity	Item ID	Description	UOM	Sell	Total
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Cable, Connectors, Rods and Mounts. All consist of Aluminum, Copper and Stainless Steel.

Subtotal Header 1

8.00	Non Inventory 10	Conductor 500 ft 24x14 AI LP A24-500	EA	\$447.72	\$3,581.76
1.00	Non Inventory 10	Conductor 250ft 24x14 AI LP A24-250	EA	\$223.86	\$223.86
5.00	Non Inventory 10	Conductor 500ft 29x16 Cu LP	EA	\$973.94	\$4,869.70
2.00	Non Inventory 10	Conductor 100ft 29x16 Cu LP	EA	\$258.43	\$516.86
125.00	Non Inventory 10	Terminal Aluminum Air 1/2x12 1212ALAT	EA	\$4.43	\$553.75
14.00	Non Inventory 10	Swivel Base Alum 1/2 AUBS12	EA	\$17.50	\$245.00
15.00	Non Inventory 10	Ridge Saddle Base Alum 1/2 A160	EA	\$13.75	\$206.25
57.00	Non Inventory 10	Universal Base Alum 1/2 AUBU12I	EA	\$9.83	\$560.31
6.00	Non Inventory 10	Pipe Rail Base 3.54 Alum APRB3.5/4AT12	EA	\$23.07	\$138.42
32.00	Non Inventory 10	Rectangular Flat Base Alum A151121	EA	\$10.64	\$340.48
1.00	Non Inventory 10	Dome Base-5/8 ALUM A164	EA	\$18.19	\$18.19
1.00	Non Inventory 10	Adaptor A/T 1/2x5/8 AI A121	EA	\$2.59	\$2.59
32.00	Non Inventory 10	Male Swivel Adaptor 1/2 Alum ALS12M	EA	\$9.06	\$289.92
15.00	Non Inventory 10	Connector Bi Metal 211R	EA	\$13.45	\$201.75
150.00	Non Inventory 10	Bolt connector Alum A1BC	EA	\$4.77	\$715.50
40.00	Non Inventory 10	Bonding Lug Alum A214	EA	\$6.80	\$272.00
30.00	Non Inventory 10	Bonding Lug Heavy duty Alum A222	EA	\$8.46	\$253.80
10.00	Non Inventory 10	Bolt connector CU 1 B1BC	EA	\$10.07	\$100.70
5.00	Non Inventory 10	Bonding Lug Heavy Duty CU 222	EA	\$16.20	\$81.00
5.00	Non Inventory 10	Bonding lug Bi Metal BMBL	EA	\$18.54	\$92.70
600.00	Non Inventory 10	Cable holder Adhesive Alum A262	EA	\$0.60	\$360.00
700.00	Non Inventory 10	Cable Clip for A24 &A28 Alum ACC2	EA	\$0.23	\$161.00

Quote

No.: 4036

Date: 9/22/2016

Quantity	Item ID	Description	UOM	Sell	Total
800.00	Non Inventory 10	Clamp Seam Stainless Steel 2 bolt SSSC2	EA	\$5.20	\$4,160.00
200.00	Non Inventory 10	Cable Clip CU for 29 & 32	EA	\$0.52	\$104.00
1.00	Non Inventory 10	Anchor Expansion 1/4 x 1 280-100	EA	\$38.86	\$38.86
1.00	Non Inventory 10	Screw self tap 12-24x1-1/4 296-100	EA	\$82.85	\$82.85
1.00	Non Inventory 10	Copper Antioxidant 8 OZ HCAJC8	EA	\$14.33	\$14.33
1.00	Non Inventory 10	Primer Low VOC TPO M1-F1280LVOC	EA	\$34.99	\$34.99
20.00	Non Inventory 10	Sealant Structural-Black M1-10OZ-B	EA	\$12.27	\$245.40

Ground Rods and Hardware.

20.00	Non Inventory 10	Pipe Clamp U-Bolt 1/1.25 ALUM APC1/1.25	EA	\$14.76	\$295.20
3.00	Non Inventory 10	Pipe Clamp 1.5/2 Alum APC1.5/2	EA	\$15.04	\$45.12
5.00	Non Inventory 10	Pipe Clamp U-Bolt Alum 3.54 APC3.5/4	EA	\$18.75	\$93.75
1.00	Non Inventory 10	Pipe Clamp U-Bolt CU .5/.75 CPC.5/.75	EA	\$14.76	\$14.76
2.00	Non Inventory 10	Pipe Clamp CU U-Bolt 1/1.25 CPC1/1.25	EA	\$23.77	\$47.54
3.00	Non Inventory 10	Pipe Clamp CU U-Bolt 1.5/2 CPC1.5/2	EA	\$24.86	\$74.58
2.00	Non Inventory 10	Pipe Clamp CU U-Bolt 2.5/3 CPC2.5/3	EA	\$29.95	\$59.90
1.00	Non Inventory 10	Pipe Clamp CU U-Bolt 3.5/4 CPC3.5/4	EA	\$36.96	\$36.96
1.00	Non Inventory 10	Pipe Clamp CU U-Bolt 5/6 CPC5/6	EA	\$55.44	\$55.44
2.00	Non Inventory 10	Pipe Clamp Universal 8 in UPC8C	EA	\$115.07	\$230.14
4.00	Non Inventory 10	Pedestal Clamp U-Bolt Grnd Rod 305	EA	\$14.91	\$59.64
13.00	Non Inventory 10	Cable Guard PVC 3/4 X 8FT 320	EA	\$14.91	\$193.83
13.00	Non Inventory 10	Ground Rod 3/4 x 10 3410	EA	\$25.21	\$327.73

Exothermic Accessories

30.00	Non Inventory 10	UltraShot 115 US115	EA	\$11.90	\$357.00
1.00	Non Inventory 10	29 to 3/4 GRD Rod GD3429B	EA	\$107.55	\$107.55
1.00	Non Inventory 10	Run and Tap 29 PT2929B	EA	\$107.55	\$107.55
2.00	Non Inventory 10	Clamp Mold Handle w/o igniter MH1X	EA	\$61.43	\$122.86
1.00	Non Inventory 10	Controler compact US Drone	EA	\$180.00	\$180.00
1.00	Non Inventory 10	Accessorie Kit Drone DAK	EA	\$453.00	\$453.00
2.00	Non Inventory 10	Brush Cleaning Mold MCBRSH1	EA	\$7.07	\$14.14

Quote

No.: **4036**

Date: 9/22/2016

Quantity	Item ID	Description	UOM	Sell	Total
2.00	Non Inventory 10	Brush Card Cloth CCBRS1	EA	\$8.38	\$16.76
1.00	Non Inventory 10	Mold Sealer 1 LB MLDSL	EA	\$10.37	\$10.37
1.00	Discount 10	Discount allowed (Materials)	EA	(\$3,285.41)	(\$3,285.41)
Subtotal Footer 1					\$18,084.38

UL FEE (Not marked up)

1.00	Non Inventory 10	UL FEE 1001'-2500' ULFEE1000	EA	\$1,975.00	\$1,975.00
360.00	Labor PW Inst R	Labor Install Lightning System at PW	HR	\$115.00	\$41,400.00
1.00	Non Inventory 10	Misc. Consumables	EA	\$750.00	\$750.00
16.00	MobZone3	Mobilization 3	HR	\$95.00	\$1,520.00
1.00	Project Mgt1	Project Managment Labor	HR	\$750.00	\$750.00

The above quote is considered to be our quote for the entire job. We have list two exceptions that may modify the cost of this quote. Below are the exceptions.

Exception 1 The price of this quote may change depending on the soil sample being other than "Normal". I have request for a soil sample report from Mark Kilaraski. After review of this report with Harger, we can further advise if any additional costs.

Exception 2 Review of manufacturer roofing requirements are currently being performed for manufacture roofing warranty purposes. Depending on result that may also modify this quote.

Your Price: \$64,479.38
 Total: \$64,479.38

Prices are firm until 11/21/2016

Terms: Upon Receipt

Prepared by: Mark A. Junkunc, mjunkunc@radicom.com

Date: 9/22/2016

Accepted by: _____

Date: _____

Disclaimer

To accept this quote, please Sign, Date, and return it to Radicom

- (1) Immediate access to any work areas is required.
- (2) Work will be performed from 8:00 AM to 5:00 PM, Monday through Friday, excluding holidays unless otherwise arranged.
- (3) Information and materials contained in this quote exhibits a technical expertise and is intended to be viewed by the customer that it is addressed to. No part of this information shall be divulged to any entity that would use it to formulate a competitive offer.
- (4) Specifics, such as lengths, genders, and part numbers will be reviewed and/or verified at time of order to ensure accuracy.
- (5) Unless specifically stated, all sales are for domestic use.
- (6) Unless previously arranged, for quotes in excess of \$5,000.00 Radicom requests 50% payment upon approval / purchase order



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

TITLE: TRUCK 54 REPAIRS

Agenda Item No. COTW

Executive Summary

Staff is recommending truck #54 be repaired by the Lake County Division of Transportation (LCDOT) mechanic shop. Truck #54 is a 2008 International 5-yard dump body truck mainly used for plowing snow. The LCDOT mechanics have inspected the truck and determined it needs a new oil pan and steering gear box. The truck is currently parked at the LCDOT mechanics shop and their mechanics can complete the repairs with no mark-up on parts or labor. They have provided an estimated cost of:

Oil Pan	\$698.00
Oil Pan Gasket	\$136.00
Oil Pan Bolt Kit	\$28.00
Freight	\$30.00
Steering Gear Box	\$628.00
Labor (17 hrs x \$55/hr)	\$935.00
Total =	\$2,455.00

Recommended Action

Approve repairs to truck #54 by the Lake County Division of Transportation mechanics.

Committee: PW/F&CA and Engineering		Meeting Date(s): 10/03/16	
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
	01-60-84-88404	\$25,000.00	
	Item Requested		\$1,227.50
	Y-T-D Actual		\$2,959.98
	Amount Encumbered		\$0.00
	Total	\$25,000.00	\$4,187.48
	50-60-84-88404	\$20,000.00	
	Item Requested		\$1,227.50
	Y-T-D Actual		\$2,807.54
	Amount Encumbered		\$0.00
	Total	\$20,000.00	\$4,035.04
	Grand Total		\$45,000.00
Request is over/under budget:			
	Under		\$36,777.48
	Over	-	



VILLAGE OF ROUND LAKE
AGENDA ITEM SUMMARY

TITLE: CAMBRIDGE LIFT STATION SCADA INTEGRATION

Agenda Item No. COTW

Executive Summary

Staff recommends accepting a proposal from BWCSI, LLC. to provide materials and installation services required to integrate the new Cambridge lift station into the Village’s existing SCADA system. The Cambridge lift station replacement is currently under contract for removal and replacement. The new lift station will need to be connected to the existing SCADA system for controls and alarms. BWCSI recommends this work be done in conjunction with the construction of the new lift station instead of waiting until it is completed.

BWCSI, LLC. developed and has maintained the Village SCADA system since its inception. They have provided satisfactory results and they are familiar with Village equipment, staff and expectations.

Additional scope of services are described in the attached proposal.

Recommended Action

Approve a work order from Baxter & Woodman, Inc. to provide construction services for the Cambridge Lift Station and Force Main Replacement project.

Committee: PW/F&CA and Engineering	Meeting Date(s): 10/03/16																																		
Lead Department: Public Works	Presenter: Adam Wedoff, Director of Public Works																																		
Item Budgeted: <input type="checkbox"/> Yes <input checked="" 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;">\$2,943,581.00</td> <td></td> </tr> <tr> <td>Item Requested</td> <td style="text-align: right;">\$0.00</td> <td style="text-align: right;">\$21,675.00</td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$45,398.86</td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>50-60-81-88101</td> <td style="text-align: right;">\$2,943,581.00</td> <td style="text-align: right;">\$67,073.86</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;">\$2,876,507.14</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	Other Items	\$2,943,581.00		Item Requested	\$0.00	\$21,675.00	YTD Actual		\$45,398.86	Amount Encumbered		\$0.00							50-60-81-88101	\$2,943,581.00	\$67,073.86	Request is over/under budget:			Under		\$2,876,507.14	Over	-	
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B&W Control Systems Integration
8678 Ridgefield Road · Crystal Lake, IL 60012
815.788.3600 office · 815.455.0450 fax · www.bwcsi.com

September 14, 2016

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

***Subject: Cambridge Lift Station SCADA Integration
BWCSI Job Number 160911.50***

Dear Mr. Wedoff:

The Village of Round Lake plans to replace their Cambridge Lift Station and force main on Long Lake Drive. The existing lift station is in poor mechanical condition and the force main has a history of pipe breaks. The Village plans to install a new lift station adjacent to the existing lift station and abandon the old lift station. The proposed lift station will include new submersible pumps, wet well, valve vault, and an emergency generator.

As part of this project, the Village desires to integrate the new lift station into SCADA. Doing so will provide the ability to remotely monitor station status and alarms. This proposal details the scope and costs required to integrate the newly refurbished lift station into Supervisory Control and Data Acquisition (SCADA).

Scope of Services

Equipment

B&W Control Systems Integration (BWCSI) will provide the following equipment:

- SCADA Control Panel consisting of the following components installed and pre-wired inside of a NEMA 12 enclosure for installation inside of the lift station control cabinet:
 - Allen-Bradley MicroLogix 1400 Programmable Logic Controller (PLC) with compatible Input/Output (I/O) modules as required.
 - Data-Linc SRM6000 radio (existing radio to be removed from existing SCADA panel and installed into new SCADA control panel).
 - Prosoft Ethernet/Internet Protocol (IP) to Modbus/Transport Control Protocol (TCP) gateway to allow communication between the Flygt pump controller and the PLC.
 - Circuit breakers, fuses, power supplies, surge suppression, terminal blocks, and other components as required and as specified for a complete panel.



- Antenna system, consisting of antenna, antenna mast, antenna cable, and surge protector to be furnished by BWCSI for installation by Cambridge Lift Station & Force Main Replacement Contractor.

Labor

Project Management

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

Control Panel Drawings

- Create a complete set of SCADA Control Panel drawings consisting of the following:
 - Enclosure layout.
 - Subpanel layout.
 - Wiring schematics.
 - Bill of Material.

Panel Shop Testing

- Perform a complete SCADA control panel checkout prior to field installation.
 - Test main power, circuit breakers, fuses, relays, and UPS.
 - Test internal panel communications and PLC I/O.

Installation

- Ship pre-wired SCADA Control Panel to Lift Station Control Cabinet supplier so the SCADA Control Panel can be installed and wired in the factory.

PLC Programming

- Provide PLC programming to communicate with the Flygt pump controller and transmit lift station status and alarms to the master SCADA PLC.

SCADA Software Development

- Update existing SCADA environment to communicate with the new lift station and add any new required status or control.

Start-Up

- Verify and test all new hardware and software.
 - Test pump station status and alarm signals.
 - Test communications to Village networks.



Final Documentation

- Provide the following final documentation in electronic format:
 - Equipment user manuals.
 - As-Built SCADA Control Panel drawings.
 - PLC source code.

BWCSI Assumptions / Owner Responsibilities

- Owner will provide site access for installation, programming, and start up on normal business days between 7:00 am and 3:30 pm. Work past 3:30 pm can be agreed upon as needed, provided BWCSI can secure the site(s) upon departure.
- Owner understands that all existing equipment to remain is assumed to be in good, working order. In the event that any other equipment does not perform as-expected, BWCSI will work with the Owner to repair, as-needed, under a separate contract.
- Owner will dispose of/recycle any removed equipment.
- Owner understands that software/materials purchased outside BWCSI may require regular support, and it will coordinate directly with the manufacture to identify support costs for future budgeting purposes.

Project Schedule

BWCSI is available to begin work upon notice to proceed. Schedule will be coordinated with the contractor that is implementing the lift station rehabilitation project.

Warranty

The warranty listed in the attached Standard Terms & Conditions document (Paragraph 13):

- DOES apply
- DOES NOT apply

Fee

Our fee for the above scope is a lump sum of \$21,675.

This agreement 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.

Sincerely,

B&W CONTROL SYSTEMS
INTEGRATION, LLC

Michael D. Klein, PE
Automation Department Manager
MDK

Christopher T. Sosnowski, PE
President

I:\Crystal Lake\ROULK\160911 - Cambridge LS Integration\10-INITIATION\160911 Proposal - Cambridge LS SCADA Integration.Docx

AUTHORIZATION BY

Signature/Date: _____

Printed Name and Title: _____

*Above signature implies acceptance of the attached **STANDARD TERMS & CONDITIONS, Rev 4.***



Standard Terms and Conditions

(REV 4)

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 Subsection 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
Automobile Liability:	\$1,000,000 combined single limit		\$5,000,000 aggregate
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 warrants that the services provided for under this Agreement will be completed in a good and workmanlike manner in accordance with applicable codes, ordinances, regulations or other legal requirement. For a period of one (1) year after the OWNER receives beneficial use of the installation, BWCSI will provide a limited warranty to the OWNER for any defect due to improper materials or workmanship supplied by BWCSI. Any such warranty provided to OWNER shall be provided by BWCSI without expense to the OWNER for the one (1) year period described herein. BWCSI'S WARRANTY IS A LIMITED WARRANTY FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF BENEFICIAL USE OF THE INSTALLATION. This warranty is limited to only defects in material and workmanship on products purchased and fully installed by BWCSI and excludes 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, and all manufacturer's products or workmanship as covered by their respective warranties. For manufacturer's products or workmanship, BWCSI will deliver to OWNER all manufacturers' warranties of products. IN CONSIDERATION OF THE LIMITED WARRANTY CONTAINED HEREIN THE OWNER AGREES AND ACKNOWLEDGES THAT SUCH WARRANTY REPLACES ALL OTHER WARRANTIES EITHER EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. BWCSI's warranty is limited to repair or replacement of a defective product without cost to the OWNER. OWNER WAIVES ALL CLAIMS TO INCIDENTAL OR CONSEQUENTIAL DAMAGES. This limited warranty extends only to the OWNER and not to subsequent buyers/owners. OWNER must give written notice of a defect within the one (1) year warranty period described above. In the event of any dispute between the OWNER and BWCSI, such dispute shall be resolved in accordance with these Standard Terms & Conditions and the Agreement.
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.