



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Electric Engineering Services for Pump Station & Lift Stations		
Presenter & Title:	Bob VanGyseghem, Superintendent of Water & Wastewater		
Date:	10/3/2018		
Please Check Appropriate Box:			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting		Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting		Special City Council Meeting
	Public Hearing		Other -
Estimated Cost: \$36,206	Budgeted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Executive Summary:			
<p>The Water & Wastewater Division has three (3) projects that require electrical engineering services.</p> <p>Project 1 will replace the electrical and control cabinet at the West Side Lift Station located directly across the river from the Wastewater Treatment Plant. The new cabinet will improve arc flash safety and improve the reliability of the station.</p> <p>Project 2 is located at the Kautz Road Lift Station. It will involve replacing conduit and wires from the wet well to the Motor Control Center, replacing worn electrical components, and installing an airgap enclosure. The airgap enclosure will prevent the deterioration of the cable connections to the pumps which are currently located in the wet well and are in a very corrosive environment.</p> <p>Project 3 is located at the Dodson Pump Station. It will involve replacing the electrical control cabinet. The existing cabinet and components were sized for when there was a deep well at the station which was abandoned a few years ago. The cabinet needs arc flash safety improvements and controls for the recently purchased stand-by generator.</p> <p>Staff solicited proposals for electrical engineering services to combine the three projects into one set of design plans and one bid document. Staff evaluated the proposals and determined that Rempe-Sharpe & Associates fulfills the needs of the project and was the lowest proposal.</p>			
Attachments: <i>(please list)</i>			
<ul style="list-style-type: none"> • Resolution • Engineering Agreement 			
Voting Requirements:			
<p><i>This motion requires <u>6</u> affirmative votes for passage.</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the aldermen or trustees has resulted in a tie; (b) when one half of the aldermen or trustees elected have voted in favor of an ordinance, resolution, or motion even though there is no tie votes; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
Recommendation / Suggested Action: <i>(how item should be listed on agenda)</i>			
Staff requests that the City Council authorize the City Administrator to enter into a contract with Rempe-Sharpe & Associates at a cost not-to-exceed \$36,206.00			

RESOLUTION NO. 2018-102

**RESOLUTION AUTHORIZING EXECUTION OF
Contract with Rempe-Sharpe & Associates**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS, as follows:

SECTION 1: That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, a contract with Rempe-Sharpe & Associates, in the form attached hereto as Exhibit “A”, relating to electrical engineering services.

SECTION 2: This Resolution shall become effective from and after its passage as in accordance with law.

PASSED by the City Council of the City of Geneva, Kane County, Illinois, this ____ day of _____, 2018

AYES: __ NAYS: __ ABSENT: __ ABSTAINING: __ HOLDING OFFICE: __

Approved by me this ____ day of _____, 2018.

Mayor

ATTEST:

City Clerk



REMPE-SHARPE

& Associates, Inc.

Principals

J. Bibby P.E., S.E.
D. A. Watson P.E.

B. Ademan P.E.
B. Bennett P.E., CFM
N. Dornfeld P.E.
L. Vo P.E.

CONSULTING ENGINEERS

324 West State Street
Geneva, Illinois 60134
Phone: 630/232-0827 – Fax: 630/232-1629

October 3, 2018

City of Geneva
1800 South Street
Public Works Department
Geneva, Illinois 60134

Attn: Mr. Bob Van Gyseghem

Re: Revised Engineering Agreement
Electrical Upgrades

Gentlemen:

Rempe-Sharpe & Associates, Inc., and PowerTek Engineering, hereinafter known as the ENGINEER, proposes to render professional engineering services in connection with various upgrades at two lift stations and a booster station, hereinafter called the PROJECT. As part of this Agreement, the City of Geneva, OWNER, is expected to furnish the ENGINEER with full information as to your requirements including any special or extraordinary considerations for the PROJECT or special services needed, and also to make available all pertinent existing data.

Our services will consist of final design, assistance during bidding and, if requested, construction related engineering services including resident services during construction if requested. We will also furnish such Additional Services as you may request.

Rempe-Sharpe will be the lead engineering firm with all questions and correspondence going through Daniel A. Watson, a Principal at the firm. According to discussions with City Staff at the project sites, it is our understanding that the following provisions will be applicable to this project:

1. The PROJECT will consist of:
 - A. A new electrical cabinet at the Dodson Booster Station.
 - B. New electrical conduits from the wet well to the electrical panel at the Kautz Road Lift Station.
 - C. New electrical cabinet and control panel at the West Side Lift Station.

See the attached PowerTek Engineering proposal for a detailed breakdown of the tasks at each location. Rempe-Sharpe would complete the necessary topographic surveys, prepare the cover and base sheets, along specifications.

We propose to invoice the OWNER for engineering services in the manner described as follows for each Phase.

FINAL DESIGN

Rempe-Sharpe & Associates, Inc. proposed to perform the above stated Engineering Services and provides final working drawings and specifications for the above-mentioned work, for a hourly not to exceed Design fee of.....**\$26,270.00**

If the scope of the project changes, requiring additional engineering services, then the herein stated not-to-exceed engineering fee shall be adjusted to compensate the Engineer for said additional services.

BIDDING

Rempe-Sharpe and Associates, Inc., proposes to perform the Engineering Services including all bidding services, for a lump sum including reimbursable direct project expenses of **\$930.00**

If the scope of the project changes, requiring additional engineering services, then the herein stated not-to-exceed engineering fee shall be adjusted to compensate the Engineer for said additional services.

CONSTRUCTION PHASE

Rempe-Sharpe & Associates, Inc. proposed to perform the Construction Engineering Services as requested for a hourly not to exceed fee of.....**\$9,000.00**

For Construction Phase Services as requested, the OWNER shall pay the ENGINEER at the ENGINEER's hourly rates in effect at the time of service for all personnel assigned to the PROJECT, with said hourly payment being considered as payment in full for the actual time spent in providing said construction related services. The Engineer's Schedule of Hourly Rates and Expense Charges in effect from January 1, 2018, through December 31, 2018, is attached hereto as Exhibit "B". Transportation costs shall be reimbursed at the per mile rate of \$ 0.535

ADDITIONAL SERVICES

For Additional Services rendered, as approved by the OWNER, the OWNER shall pay the ENGINEER at the ENGINEER's hourly rates in effect at the time of service for all personnel assigned to the PROJECT, with said hourly payment being considered as payment in full for the actual time spent in providing said Related Services. The Engineer's Schedule of Hourly Rates and Expense Charges in effect from January 1, 2018, through December 31, 2018, is attached hereto as Exhibit "B".

For Additional Services Direct Project Expenses incurred by the ENGINEER, the City of Geneva shall reimburse the ENGINEER at the ENGINEER's actual cost for all expenses and/or costs incurred directly associated with the PROJECT. Transportation costs shall be reimbursed at the mile rate of \$ 0.535.

PAYMENT FOR SUBCONTRACTED SERVICES

For subcontracted technical services, as approved by the OWNER, the OWNER shall reimburse the ENGINEER all costs and expenses incurred by the ENGINEER. "Costs to the Engineer" to be verified by furnishing the OWNER copies of invoices from the party or parties performing the subcontracted services.

ENGINEER will bill the OWNER periodically for services, direct project expenses, and subcontracted services. The above financial arrangements are on the basis of prompt payment of our bills and the orderly and continuous progress of the PROJECT.

We would expect to start our services promptly after receipt of your acceptance of the agreement.

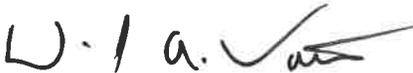
OWNER agrees that the Engineer's Schedule of Hourly Rate and Expense Charges as set forth in Exhibit "B" is subject to adjustment by the ENGINEER in each calendar year beginning in January so as to reflect the ENGINEER'S current costs.

Rempe-Sharpe & Associates, Inc., appreciates the City's confidence and trust in our firm and looks forward to serving the City of Geneva on this project.

Very truly yours,

REMPE-SHARPE & ASSOCIATES, INC.

BY:



Daniel A. Watson, P.E.

Exhibit "A" Short Form Agreement, 4 pages
Exhibit "B" Schedule of Engineering Service Charges, 1 page
Exhibit "C" Hours Estimate, 2 pages

SHORT FORM OF AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES – EXHIBIT “A”

THIS IS AN AGREEMENT effective as of _____ (“Effective Date”) between

_____ City of Geneva _____ (“Owner”)

and _____ Rempe-Sharpe & Associates, Inc. _____ (“Engineer”)

Engineer agrees to provide the services described below to Owner for _____ Electrical Upgrades _____ (“Project”).

Description of Engineer’s Services: _____ Engineering design and bidding for Electrical Upgrades at various locations. _____

_____ Construction services scope as outlined in proposal are on an as requested hourly basis. _____

Owner and Engineer further agree as follows:

charges. Payments will be credited first to interest and then to principal.

1.01 Basic Agreement

SPECIAL NOTE ON USE OF THIS FORM:

This abbreviated Agreement form is intended for use only for professional services of limited scope and complexity. It does not address the full range of issues of importance on most projects. In most cases, Owner and Engineer will be better served by the Standard Form of Agreement Between Owner and Engineer for Professional Services (No. E-500, 2002 Edition), or one of the several special purpose EJCDC professional services agreement forms.

A. Engineer shall provide, or cause to be provided, the services set forth in this Agreement, and Owner shall pay Engineer for such Services as set forth in Paragraph 9.01.

2.01 Payment Procedures

A. *Preparation of Invoices.* Engineer will prepare a monthly invoice in accordance with Engineer’s standard invoicing practices and submit the invoice to Owner.

B. *Payment of Invoices.* Invoices are due and payable within 30 days of receipt. If Owner fails to make any payment due Engineer for services and expenses within 30 days after receipt of Engineer's invoice, the amounts due Engineer will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day. In addition, Engineer may, without liability, after giving seven days written notice to Owner, suspend services under this Agreement until Engineer has been paid in full all amounts due for services, expenses, and other related

3.01 Additional Services

A. If authorized by Owner, or if required because of changes in the Project, Engineer shall furnish services in addition to those set forth above.

B. Owner shall pay Engineer for such additional services as follows: For additional services of Engineer’s employees engaged directly on the Project an amount equal to the cumulative hours charged to the Project by each class of Engineer’s employees times standard hourly rates for each applicable billing class; plus reimbursable expenses and Engineer’s consultants’ charges, if any.

4.01 Termination

A. The obligation to provide further services under this Agreement may be terminated:

1. For cause,

a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the Agreement's terms through no fault of the terminating party.

b. By Engineer:

1) upon seven days written notice if Engineer believes that Engineer is being requested by Owner to furnish or perform services contrary to Engineer's responsibilities as a licensed professional; or

2) upon seven days written notice if the Engineer's services for the Project are delayed or suspended for more than 90 days for reasons beyond Engineer's control.

3) Engineer shall have no liability to Owner on account of such termination.

c. Notwithstanding the foregoing, this Agreement will not terminate as a result of a substantial failure under paragraph 4.01.A.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its failure and proceeds diligently to cure such failure within no more than 30 days of receipt of notice; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.

2. For convenience, by Owner effective upon the receipt of notice by Engineer.

B. The terminating party under paragraphs 4.01.A.1 or 4.01.A.2 may set the effective date of termination at a time up to 30 days later than otherwise provided to allow Engineer to demobilize personnel and equipment from the Project site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.

5.01 Controlling Law

A. This Agreement is to be governed by the law of the state in which the Project is located.

6.01 Successors, Assigns, and Beneficiaries

A. Owner and Engineer each is hereby bound and the partners, successors, executors, administrators, and legal representatives of Owner and Engineer (and to the extent permitted by paragraph 6.01.B the assigns of Owner and Engineer) are hereby bound to the other party to this Agreement and to the partners, successors, executors, administrators, and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.

B. Neither Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, moneys that are due or may become due) in this Agreement without the written consent of the other, except to the extent that any assignment, subletting, or transfer is mandated or restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

7.01 General Considerations

A. The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with Engineer's services. Engineer and its consultants may use or rely upon the design services of others, including, but not limited to, contractors, manufacturers, and suppliers.

B. Engineer shall not at any time supervise, direct, or have control over any contractor's work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, for safety precautions and programs incident to a contractor's work progress, nor for any failure of any contractor to comply with laws and regulations applicable to contractor's work.

C. Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work in accordance with the contract between Owner and such contractor.

D. Engineer shall not be responsible for the acts or omissions of any contractor, subcontractor, or supplier, or of any contractor's agents or employees or any other persons (except Engineer's own employees) at the Project site or otherwise furnishing or performing any of construction work; or for any decision made on interpretations or clarifications of the construction

contract given by Owner without consultation and advice of Engineer.

E. The general conditions for any construction contract documents prepared hereunder are to be the "Standard General Conditions of the Construction Contract" as prepared by the Engineers Joint Contract Documents Committee (No. C-700, 2002 Edition).

F. All design documents prepared or furnished by Engineer are instruments of service, and Engineer retains an ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed.

G. To the fullest extent permitted by law, Owner and Engineer (1) waive against each other, and the other's employees, officers, directors, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project, and (2) agree that Engineer's total liability to Owner under this Agreement shall be limited to \$50,000 or the total amount of compensation received by Engineer, whichever is greater.

H. The parties acknowledge that Engineer's scope of services does not include any services related to a Hazardous Environmental Condition (the presence of asbestos, PCBs, petroleum, hazardous substances or waste, and radioactive materials). If Engineer or any other party encounters a Hazardous Environmental Condition, Engineer may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the Project affected thereby until Owner: (i) retains appropriate specialist consultants or contractors to identify and, as appropriate, abate, remediate, or remove the Hazardous Environmental Condition; and (ii) warrants that the Site is in full compliance with applicable Laws and Regulations.

8.01 Total Agreement

A. This Agreement (consisting of pages 1 to 4 inclusive together with any expressly incorporated appendix), constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

9.01 Payment (Hourly Rates Plus Reimbursable Expenses)

A. Using the procedures set forth in paragraph 2.01, Owner shall pay Engineer as follows:

1. An amount equal to the cumulative hours charged to the Project by each class of Engineer's employees times standard hourly rates for each applicable billing class for all services performed on the Project, plus reimbursable expenses and Engineer's consultants' charges, if any.

2. Engineer's Standard Hourly Rates are attached as Appendix 1.

3. The total compensation for Design services and reimbursable expenses is estimated to be \$ 27,200.00 *

4. The total compensation for Construction services and reimbursable expenses is estimated to be \$ 9,000.00*

* Not-to-Exceed Amount

B. The Engineer's compensation is conditioned on the time to complete construction not exceeding 8 months. Should the time to complete construction be extended beyond this period, total compensation to Engineer shall be appropriately adjusted.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

OWNER:

ENGINEER:

By: _____

By: D.A. Watson
Daniel A. Watson

Title: _____

Title: Principal

Date Signed: _____

Date Signed: October 3, 2018

License or Certificate No. and State IL 062-048073

Address for giving notices:

Address for giving notices:

Rempe-Sharpe & Associates, Inc.

324 W. State Street

Geneva, IL 60134

EXHIBIT "A"
SCHEDULE OF ENGINEERING SERVICE CHARGES BY
REMPE-SHARPE & ASSOCIATES, INC.

EFFECTIVE TIME PERIOD FOR THIS SCHEDULE:
JANUARY 1, 2018 TO DECEMBER 31, 2018

A-1 SCHEDULE OF ENGINEER'S HOURLY RATE CHARGES

<u>EMPLOYEE CLASSIFICATION</u>	<u>MAXIMUM HOURLY RATE</u>
PRINCIPAL ENGINEER	\$135.00/HR
SENIOR PROJECT ENGINEER	\$110.00/HR
PROJECT ENGINEER	\$106.00/HR
DESIGN OR CONSTRUCTION ENGINEER (GRADE 1)	\$100.00/HR
DESIGN OR CONSTRUCTION ENGINEER (GRADE 2)	\$86.00/HR
SENIOR TRAFFIC ENGINEER	\$90.00/HR
DESIGN TECHNICIAN (GRADE 1)	\$86.00/HR
DESIGN TECHNICIAN (GRADE 2)	\$69.00/HR
CADD DRAFTING TECHNICIAN (GRADE 1)	\$73.00/HR
DRAFTING TECHNICIAN (GRADE 2)	\$59.00/HR
DRAFTING TECHNICIAN (GRADE 3)	\$46.00/HR
SURVEYING PARTY CHIEF	\$80.00/HR
SURVEYING TECHNICIAN (GRADE 1)	\$65.00/HR
SURVEYING TECHNICIAN (GRADE 2)	\$46.00/HR
CONSTRUCTION INSPECTOR (GRADE 1)	\$82.00/HR
CONSTRUCTION INSPECTOR (GRADE 2)	\$70.00/HR
CONSTRUCTION TECHNICIAN	\$56.00/HR
ADMINISTRATIVE ASSISTANT	\$62.00/HR
CLERK TYPIST	\$49.00/HR

A-2 COMPENSATION FOR DIRECT PROJECT REIMBURSABLE COSTS

THE ENGINEER SHALL BE REIMBURSED AT HIS ACTUAL COST FOR ALL EXPENSES AND/OR COSTS INCURRED DIRECTLY OR INDIRECTLY IN CONNECTION WITH THIS PROJECT, SUCH AS PRINTING, TRAVEL, STAKING SUPPLIES, ETC.

THE ENGINEER'S REIMBURSEMENT FOR TRAVEL EXPENSES SHALL BE IRS STANDARD PER MILE OF TRAVEL.

A-3 COMPENSATION FOR SUB-CONTRACTED SERVICES

THE ENGINEER SHALL BE REIMBURSED FOR ALL COSTS AND EXPENSES INCURRED BY THE ENGINEER FOR ALL SERVICES NOT NORMALLY PERFORMED BY THE ENGINEER WHICH ARE SUB-CONTRACTED TO OTHER PARTIES WITH THE OWNER'S APPROVAL.

Rempe-Sharpe & Associates, Inc.
Civil Engineering • Structural Engineering
Surveying Services • Design & Construction

POWRTEK ENGINEERING, INC.
CONSULTING ENGINEERS

20711 Watertown Road, Suite C
Waukesha, WI 53186
www.powrtek.com
VOICE: (262) 827-9575
FAX: (262) 827-9615

September 20, 2018

Mr. Dan Watson, P.E.
Rempe-Sharpe & Associates, Inc.
324 State Street
Geneva, Illinois 60134

RE: Dodson Booster Station, Kautz Road Lift Station & West Side Lift Station located in the City of Geneva Illinois Improvements

Mr. Watson,

We appreciate the opportunity to provide you with our project fee proposal for electrical engineering services for the booster station and the two lift station improvements based on our recent site as shown on the attached fee estimate.

RECOMMENDED BOOSTER STATION AND LIFT STATION IMPROVEMENTS:

A. Dodson Booster Station:

1. Design to remove and replace the existing power distribution equipment and booster pump motor starters with a new distribution and control panel with non-proprietary components.
2. Coordinate the newly purchased Generator and ATS into the design.
3. Coordinate the new service with COMED.

B. Kautz Lift Station:

1. Remove the existing underground conduits from the existing building to the wet well(s) and install an air gap system to eliminate all NEC Code violations.
2. Make necessary improvements for ease of maintenance and to meet current electrical codes.

C. West Side Lift Station:

1. Remove and replace the existing lift station control panel with a completely new control panel with non-proprietary components that are easily accessible and can be maintained by any qualified System Integrator.
2. Provide a new Micrologix 1400 PLC with a Panel View 7 Plus for local programming and monitoring.
3. Provide Relocate the existing radio for remote monitoring to the Master Control panel at the Public Works Facility.
4. Make necessary improvements for ease of maintenance and to meet current electrical codes.
5. Eliminate all NEC Code violations.
6. Coordination SCADA with TRI-R.

POWRTEK ENGINEERING, INC.
CONSULTING ENGINEERS

20711 Watertown Road, Suite C
Waukesha, WI 53186
www.powrtek.com
VOICE: (262) 827-9575
FAX: (262) 827-9615

TASKS NOT COVERED:

- A. Creating Site Plans in AutoCAD.
- B. Design of a new front end SCADA System.
- C. Construction Services.

Respectfully Submitted,

Richard Boya

Richard Boya

CITY OF GENEVA, ILLINOIS - BOOSTER STATION AND LIFT STATIONS IMPROVEMENTS					ENGINEERING FEES
PREPARED BY: Richard Boya				DATE:	9/20/2018
PREPARED FOR: Dan Watson					
COPY: N/A					
PROJECT TASKS	PROJECT ENGINEER	AUTOCAD	WORD PROC.	EXPENSE AMOUNT	EXPENSE DESCRIPTION
DESIGN AND BIDDING SERVICES					
HOURLY RATE	\$115.00	\$75.00	\$55.00		
DESIGN:					
Project Management	4	0	0		
Site Visit To Review And Document Existing Conditions at the Booster Station & Lift Station	8	0	0	\$150	Travel
Dodson Booster Station:					
Drawing Setup	1	2	0		
Demolition Plans for Removals	6	6	0	\$100	Printing
Proposed Electrical Distribution with Construction Phasing Notes	6	6	0		
Existing and Proposed One-Line Diagrams	4	2	0		
Electrical Installation Details	8	8	0		
Projected Construction Cost Estimates	2	0	0		
Electrical Specifications	4	0	2		
Kautz Lift Station:					
Drawing Setup	1	2	0		
Demolition Plans for Removals	4	4	0		
Proposed Underground Conduit Systems with Construction Phasing Notes	4	4	0		
Electrical Installation Details	4	4	0		
Projected Construction Cost Estimates	2	0	0		
Electrical Specifications	2	0	1		
West Side Lift Station:					
Drawing Setup	1	2	0		
Demolition Plans for Removals	2	2	0		
Coordinate With COMED	4	0	0		
Proposed Control Panel Layout, Design with Construction Phasing Notes	16	16	0		
Proposed Interior Panel Layout & Details	8	8	0		
Electrical Installation Details	4	4	0		
Projected Construction Cost Estimates	2	0	0		
Electrical Specifications	8	0	2		
95% Owner Review Meeting On Site	8	0	0	\$150	Travel
Final Corrections	8	8	2		
Bidding Services	6	0	0		
Total Hours:	127	78	7		
Sub-Total:	\$14,605.00	\$5,850.00	\$385.00	\$400	TOTAL EXPENSES
TOTAL FEE (LABOR + EXPENSES):		\$21,240.00			
FILE: Geneva Electrical Design Services Fees					

2018 Electrical Upgrades

TASKS	PRINCIPAL ENGINEER		DESIGN TECHNICIAN		INSPECTOR		2 MAN SURVEY CREW		CLERK TYPIST		TOTAL
	@ (HRS)	\$132.50 (\$)	@ (HRS)	\$84.50 (\$)	@ (HRS)	\$80.50 (\$)	@ (HRS)	\$123.50 (\$)	@ (HRS)	\$48.00 (\$)	
<i>Task</i>											
CONSTRUCTION PHASE SERVICES											
Pre-construction Meeting	4	\$530.00			4	\$322.00					\$852.00
Shop Drawing Review	12	\$1,590.00	4	\$338.00	4	\$322.00					\$2,250.00
Electrical Installations	4	\$530.00			20	\$1,610.00					\$2,140.00
Pay Requests	4	\$530.00			8	\$644.00			6	\$288.00	\$1,462.00
Punch List					4	\$322.00					\$322.00
Record Drawings			4	\$338.00	4	\$322.00	4	\$494.00			\$1,154.00
Project Close-out	2	\$265.00			2	\$161.00					\$426.00
Reimbursables for Prints & Mileage											\$400.00
TOTAL:	26	\$3,445.00	8	\$676.00	46	\$3,703.00	4	\$494.00	6	\$288.00	\$9,006.00

**CITY OF GENEVA
ELECTICAL UPGRADES**

EXHIBIT "C"

SCOPE OF SERVICES - DESIGN		ESTIMATED COST	Principal Project Manager \$135.00 /HR		Design/Construction Project Engineer \$106.00 /HR		Asst. Project Engineer \$86.00 /HR		Miles	\$0.57
			HRS	TOTAL	HRS	TOTAL	HRS	TOTAL		
1	Initial Resaerch	\$482.00	2	\$270.00	2	\$212.00				
2	Meet with WWTP Staff	\$964.00	4	\$540.00	4	\$424.00				
3	Project Specificaitons	\$1,520.00	4	\$540.00	6	\$636.00	4	\$344.00		
4	Drawings	\$1,112.00			4	\$424.00	8	\$688.00		
5	Cost Estimate	\$433.00	1	\$135.00	2	\$212.00	1	\$86.00		
6	City Reviewand Revisions	\$519.00	1	\$135.00	2	\$212.00	2	\$172.00		
Subtotal		\$5,030.00								
SCOPE OF SERVICES - BIDDING										
1	Bidder's Questions	\$347.00	1	\$135.00	2	\$212.00				
2	Bid Opening	\$106.00			1	\$106.00				
3	Recommendtion	\$482.00	2	\$270.00	2	\$212.00				
Subtotal		\$935.00								