

CITY OF ONALASKA MEETING NOTICE

COMMITTEE/BOARD: Board of Public Works

DATE OF MEETING: June 5, 2018 (Tuesday)

PLACE OF MEETING: City Hall – 415 Main Street (Common Council Chambers)

TIME OF MEETING: 6:30 P.M.

PURPOSE OF MEETING

- 1. Call to Order and roll call.
- 2. Approval of minutes from the previous meeting.
- 3. Public input: (limited to 3 minutes/individual)

Consideration and possible action on the following items:

- 4. Review and consideration including public input of parking and travel restrictions along Horman Boulevard
- 5. Review and consideration including public input of parking restriction at 2nd Avenue & Main Street and alley between 2nd Avenue and 3rd Avenue South of Main Street
- 6. Review and consideration of Sanitary Sewer System Compliance Maintenance
 - A. Annual Report
 - B. **Resolution 18-2018** - City of Onalaska, Wisconsin Department of Natural Resources NR 208 – Compliance Resolution 2017 Onalaska Wisconsin
- 7. Review and consideration of Consumer Confidence Report for Onalaska Waterworks
- 8. Review and consideration of Public Works facility building expansion concepts and budget work performed by professional architectural firm

PLEASE TAKE FURTHER NOTICE that members of the Common Council of the City of Onalaska who do not serve on the Board may attend this meeting to gather information about a subject over which they have decision making responsibility.

Therefore, further notice is hereby given that the above meeting may constitute a meeting of the Common Council and is hereby noticed as such, even though it is not contemplated that the Common Council will take any formal action at this meeting.

Notices Mailed To:

- * Mayor Joe Chilsen - Chair
- ** Ald. Jim Binash
- Ald. Jim Olson
- Ald. Jerry Every
- Ald. Diane Wulf
- * Ald. Ron Gjertsen – Vice Chair
- * Ald. Kim Smith
- City Attorney
- City Administrator
- La Crosse Tribune
- Dept Heads.
- Coulee Courier
- WKTY WLXR WLAX
- WKBT WXOW FOX

- *Jarrod Holter, City Engineer
- *Fred Buehler, Financial Services Director/Treasurer
- Onalaska Omni Center
- Onalaska Public Library

*Board Members ** Alternate Member

Date Notices Mailed and Posted: 5-30-18

In compliance with the Americans with Disabilities Act of 1990, the City of Onalaska will provide reasonable accommodations to qualified individuals with a disability to ensure equal access to public meetings provided notification is given to the City Clerk within seventy-two (72) hours prior to the public meeting and that the requested accommodation does not create an undue hardship for the City.

9. Review and consideration of bids received for Main Street and Sand Lake Road/
12th Avenue Traffic Signal Improvements Project
 10. Review and consideration of 2019 – 2023 Capital Improvements Budget
 11. Review and consideration of repairs to storm water box culverts in Green Coulee area
 12. Review and consideration of quotes received for 2018 Supervisory Control and Data
Acquisition (SCADA) Project
 13. Review and consideration of professional engineering services for 2018 Utility
Project
 14. Review and consideration of professional engineering services for Green Coulee and
East Main Street intersection alternatives analysis and schematic design
 15. Review and consideration of corrosion control within City water system
 16. Review and consideration of Change Order #2 for South Kinney Coulee Lift Station
Project
 17. Review and consideration of quotes for installation of security cameras at Public
Works Facility
 18. Pay Estimates: Strand Associates, Short Elliot Hendrickson Inc., Mathy Construction,
Pember Companies, Gerke Excavating, Hoffman & McNamara Nursery, Ayres
Associates, and any other contractor/developer.
 19. **Closed Session:** To consider a motion to convene in closed session under Section
19.85(1)(e) for the purpose of deliberating or negotiating the purchasing of public
properties, the investing of public funds or conducting other specified public
business, whenever competitive or bargaining reasons require a closed session.
 - Negotiation of land and access rights purchase along USH 53 &
Sand Lake Road from Wisconsin Department of Transportation
- If any action is required in Open Session, the Board of Public Works will reconvene
in Open Session to take the necessary action and/or continue with the printed agenda.
20. Adjournment

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #4

Project/Item Name: Horman Boulevard travel and parking restrictions

Location: Horman boulevard

Requested Action: Discussion travel and parking restrictions

Staff Report/Description: Recently an accident occurred on Horman Boulevard due to two cars traveling in opposite directions along the narrow street with a car parked along the roadway. The street is relatively narrow and currently does not limit parking or travel direction. Staff is recommending the removal of parking along the center island and installing one way travel along the street. A second option would to remove all parking along the street to allow two way vehicle travel.

Attachments: Map, letter and pictures



CITY OF ONALASKA

415 MAIN STREET
ONALASKA, WISCONSIN 54650-2953
www.cityofonalaska.com

Engineering/Public Works Dept.
PHONE: (608) 781-9537
FAX: (608) 781-9506

May 2, 2018

Dear Resident/Property Owner:

This notice is to inform you that the City of Onalaska Board of Public Works is considering a proposal to install "No Parking" and "One-Way Traffic" movement along Hörman Boulevard. Please find attached a map showing the proposed changes.

This issue will be discussed at the next Board of Public Works Meeting, which will be held at the City Hall Council Chambers, 415 Main Street, Onalaska, on Tuesday, June 5, 2018 at 6:30 PM. At this time your concerns, opinions and questions will be heard.

If you are unable to attend the meeting you may address your concerns to:

City of Onalaska,
Attn: C. Jarrod Holter
415 Main Street
Onalaska, WI 54650
jholter@cityofonalaska.com

Sincerely,

C. Jarrod Holter
City Engineer

Encl.

**- Horman Blvd -
Proposed No Parking &
One Way Traffic Restrictions**



**Proposed:
NO PARKING
Adjacent to Boulevard Island**

HORMAN BLVD

GREEN ST




ONALASKA
WISCONSIN
EST. 1851


N

1 in = 50 ft

GIS Dept
Map Designer: Joe Barstow
Date: 04/24/2018

This map is to be used for reference purposes only. Every effort has been made to make this map as accurate as possible.







STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #5

Project/Item Name: Downtown parking restrictions

Location: Main Street and alley

Requested Action: Discussion parking restrictions

Staff Report/Description: Staff is requesting the installation of no parking along Main Street 15 feet East of the 2nd Avenue Easterly right of way. This no parking will assist with turning trucks and buses. Staff is also requesting no stopping, parking or standing in the alley between 2nd Avenue and 3rd Avenue for 100 feet South of the Southerly right of way of Main Street. Currently parking in the alley is hindering access to adjacent properties.

Attachments: Map and letter



CITY OF ONALASKA

415 MAIN STREET
ONALASKA, WISCONSIN 54650-2953
www.cityofonalaska.com

Engineering/Public Works Dept.
PHONE: (608) 781-9537
FAX: (608) 781-9506

May 2, 2018

Dear Resident/Property Owner:

This notice is to inform you that the City of Onalaska Board of Public Works is considering a proposal to install "No Parking" from the east right of way of 2nd Avenue (STH 35) to 15 feet east and post "No Parking, Stopping, or Standing" in the alley between 2nd Avenue and 3rd Avenue for 100 feet south of the southerly right of way of Main Street. Please find attached a map showing the areas where parking restrictions may be added.

This issue will be discussed at the next Board of Public Works Meeting, which will be held at the City Hall Council Chambers, 415 Main Street, Onalaska, on Tuesday, June 5, 2018 at 6:30 PM. At this time your concerns, opinions and questions will be heard.

If you are unable to attend the meeting you may address your concerns to:

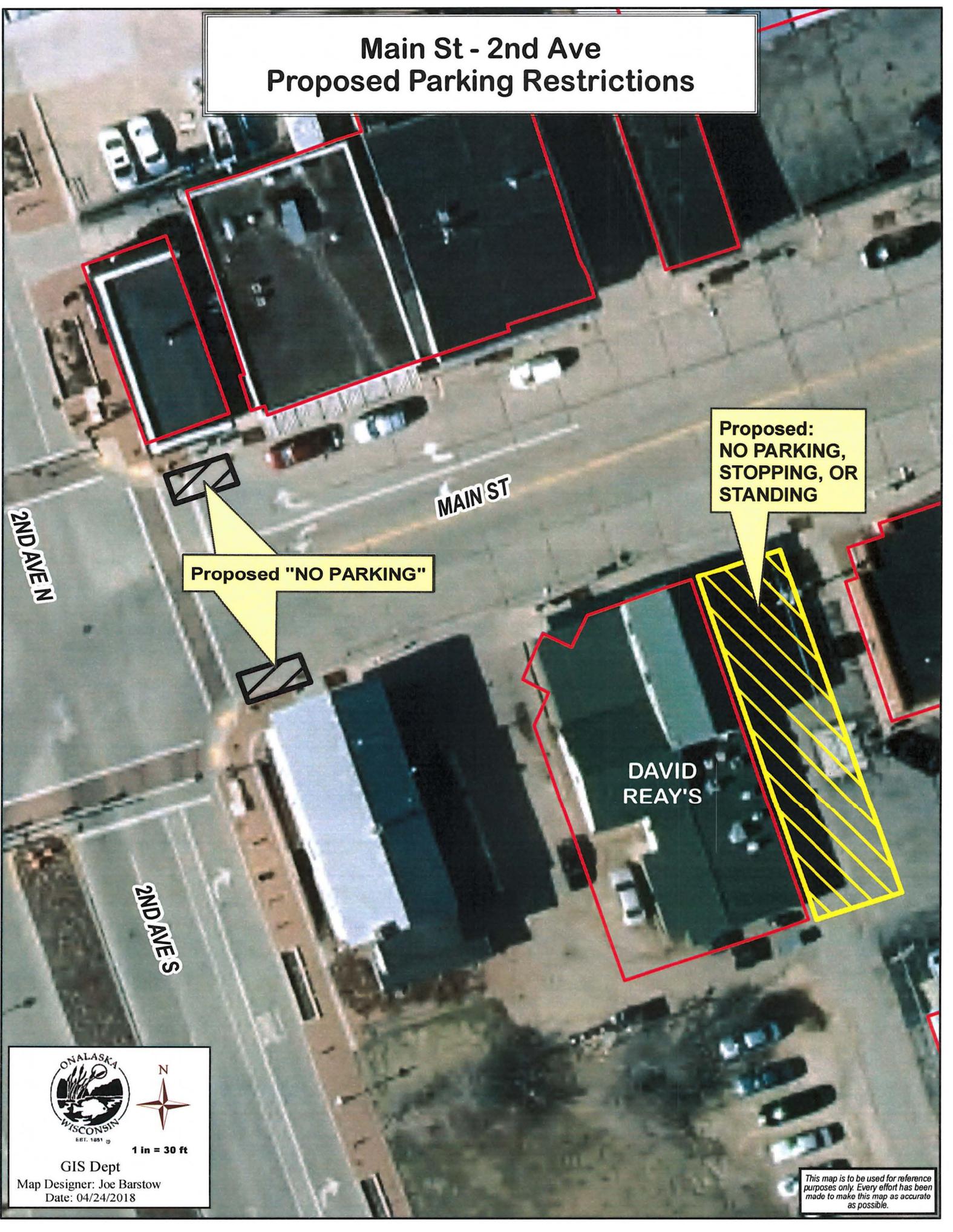
City of Onalaska,
Attn: C. Jarrod Holter
415 Main Street
Onalaska, WI 54650
jholter@cityofonalaska.com

Sincerely,

C. Jarrod Holter
City Engineer

Encl.

Main St - 2nd Ave Proposed Parking Restrictions



Proposed:
NO PARKING,
STOPPING, OR
STANDING

Proposed "NO PARKING"

DAVID REAY'S

2ND AVE N

MAIN ST

2ND AVE S



1 in = 30 ft

GIS Dept

Map Designer: Joe Barstow
Date: 04/24/2018

This map is to be used for reference purposes only. Every effort has been made to make this map as accurate as possible.

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #6

Project/Item Name: Sanitary Sewer System Compliance
Maintenance

Location: Citywide

Requested Action: Approval of report and resolution

Staff Report/Description: Report is mandated by EPA as a way to track the maintenance activities performed on the sanitary sewer system. The city received an "A" grade with no large deficiencies found.

Attachments: Compliance report and resolution

Compliance Maintenance Annual Report

Onalaska City

Last Updated: Reporting For:
5/25/2018 2017

Financial Management

<p>1. Provider of Financial Information</p> <p>Name: <input style="width: 150px;" type="text" value="FRED BUEHLER"/></p> <p>Telephone: <input style="width: 150px;" type="text" value="608-781-9530"/> (XXX) XXX-XXXX</p> <p>E-Mail Address (optional): <input style="width: 300px;" type="text" value="FBUEHLER@CITYOFONALASKA.COM"/></p>																
<p>2. Treatment Works Operating Revenues</p> <p>2.1 Are User Charges or other revenues sufficient to cover O&M expenses for your wastewater treatment plant AND/OR collection system ?</p> <p><input checked="" type="radio"/> Yes (0 points)</p> <p><input type="radio"/> No (40 points)</p> <p>If No, please explain: <input style="width: 750px; height: 20px;" type="text"/></p> <p>2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised? Year: <input style="width: 150px;" type="text" value="2017"/></p> <p><input checked="" type="radio"/> 0-2 years ago (0 points)</p> <p><input type="radio"/> 3 or more years ago (20 points)</p> <p><input type="radio"/> N/A (private facility)</p> <p>2.3 Did you have a special account (e.g., CWFPP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?</p> <p><input checked="" type="radio"/> Yes (0 points)</p> <p><input type="radio"/> No (40 points)</p>	0															
<p>REPLACEMENT FUNDS [PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 3]</p>																
<p>3. Equipment Replacement Funds</p> <p>3.1 When was the Equipment Replacement Fund last reviewed and/or revised? Year: <input style="width: 150px;" type="text" value="2017"/></p> <p><input checked="" type="radio"/> 1-2 years ago (0 points)</p> <p><input type="radio"/> 3 or more years ago (20 points)</p> <p><input type="radio"/> N/A</p> <p>If N/A, please explain: <input style="width: 750px; height: 20px;" type="text"/></p>																
<p>3.2 Equipment Replacement Fund Activity</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">3.2.1 Ending Balance Reported on Last Year's CMAR</td> <td style="width: 5%; text-align: right;">\$</td> <td style="width: 35%; text-align: right;"><input style="width: 150px;" type="text" value="400,000.00"/></td> </tr> <tr> <td>3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 150px;" type="text" value="0.00"/></td> </tr> <tr> <td>3.2.3 Adjusted January 1st Beginning Balance</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 150px;" type="text" value="400,000.00"/></td> </tr> <tr> <td>3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 150px;" type="text" value="0.00"/></td> </tr> <tr> <td></td> <td style="text-align: right;">+</td> <td></td> </tr> </table>	3.2.1 Ending Balance Reported on Last Year's CMAR	\$	<input style="width: 150px;" type="text" value="400,000.00"/>	3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	\$	<input style="width: 150px;" type="text" value="0.00"/>	3.2.3 Adjusted January 1st Beginning Balance	\$	<input style="width: 150px;" type="text" value="400,000.00"/>	3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	\$	<input style="width: 150px;" type="text" value="0.00"/>		+		
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	+															

Compliance Maintenance Annual Report

Onalaska City

Last Updated: Reporting For:
5/25/2018 **2017**

<p>3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*)</p> <p style="text-align: right;">\$ <input style="width: 150px;" type="text" value="0.00"/></p> <p>3.2.6 Ending Balance as of December 31st for CMAR Reporting Year</p> <p style="text-align: right;">\$ <input style="width: 150px;" type="text" value="400,000.00"/></p> <p>All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.</p> <p>3.2.6.1 Indicate adjustments, equipment purchases, and/or major repairs from 3.2.5 above.</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>3.3 What amount should be in your Replacement Fund? 0</p> <p style="text-align: right;">\$ <input style="width: 150px;" type="text" value="400,000.00"/></p> <p>Please note: If you had a CWFPP loan, this amount was originally based on the Financial Assistance Agreement (FAA) and should be regularly updated as needed. Further calculation instructions and an example can be found by clicking the SectionInstructions link under Info header in the left-side menu.</p> <p>3.3.1 Is the December 31 Ending Balance in your Replacement Fund above, (#3.2.6) equal to, or greater than the amount that should be in it (#3.3)?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>If No, please explain.</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>								
<p>4. Future Planning</p> <p>4.1 During the next ten years, will you be involved in formal planning for upgrading, rehabilitating, or new construction of your treatment facility or collection system?</p> <p><input type="radio"/> Yes - If Yes, please provide major project information, if not already listed below. <input checked="" type="radio"/> No</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 10%;">Project #</th> <th style="width: 60%;">Project Description</th> <th style="width: 15%;">Estimated Cost</th> <th style="width: 15%;">Approximate Construction Year</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding: 5px;">None reported</td> </tr> </tbody> </table>	Project #	Project Description	Estimated Cost	Approximate Construction Year	None reported			
Project #	Project Description	Estimated Cost	Approximate Construction Year					
None reported								
<p>5. Financial Management General Comments</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>								
<p>ENERGY EFFICIENCY AND USE</p> <p>6. Collection System</p> <p>6.1 Energy Usage</p> <p>6.1.1 Enter the monthly energy usage from the different energy sources:</p> <p>COLLECTION SYSTEM PUMPAGE: Total Power Consumed</p> <p>Number of Municipally Owned Pump/Lift Stations: <input style="width: 50px;" type="text" value="9"/></p>								

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	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	22,008	79
February	18,767	63
March	18,406	78
April	14,329	48
May	9,965	41
June	9,269	23
July	9,087	12
August	8,747	36
September	9,130	10
October	8,955	12
November	12,811	39
December	19,387	38
Total	160,861	479
Average	13,405	40

6.1.2 Comments:

6.2 Energy Related Processes and Equipment

6.2.1 Indicate equipment and practices utilized at your pump/lift stations (Check all that apply):

- Comminution or Screening
- Extended Shaft Pumps
- Flow Metering and Recording
- Pneumatic Pumping
- SCADA System
- Self-Priming Pumps
- Submersible Pumps
- Variable Speed Drives
- Other:

6.2.2 Comments:

6.3 Has an Energy Study been performed for your pump/lift stations?

- No
- Yes

Year:

By Whom:

Describe and Comment:

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Last Updated: Reporting For:
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6.4 Future Energy Related Equipment
6.4.1 What energy efficient equipment or practices do you have planned for the future for your pump/lift stations?
<input type="text"/>

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

Compliance Maintenance Annual Report

Onalaska City

Last Updated: Reporting For:
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Sanitary Sewer Collection Systems

1. Capacity, Management, Operation, and Maintenance (CMOM) Program

1.1 Do you have a CMOM program that is being implemented?

Yes

No

If No, explain:

1.2 Do you have a CMOM program that contains all the applicable components and items according to Wisc. Adm Code NR 210.23 (4)?

Yes

No (30 points)

N/A

If No or N/A, explain:

1.3 Does your CMOM program contain the following components and items? (check the components and items that apply)

Goals [NR 210.23 (4)(a)]

Describe the major goals you had for your collection system last year:

Compliance with WPDES permits.
Improve/maintain system integrity and reliability.
Insure adequate capacity for expansion and peak flows.
Meet all goals established by DNR for cleaning and inspection.
Provide a safe working environment for staff in performing all sewer related tasks and requirements.
Continue Fat/Oil/Grease informational and inspections.
Incorporate sump hookup check into cross connection control inspections.

Did you accomplish them?

Yes

No

If No, explain:

Organization [NR 210.23 (4) (b)]

Does this chapter of your CMOM include:

Organizational structure and positions (eg. organizational chart and position descriptions)

Internal and external lines of communication responsibilities

Person(s) responsible for reporting overflow events to the department and the public

Legal Authority [NR 210.23 (4) (c)]

What is the legally binding document that regulates the use of your sewer system?

City Sewer Use Ordinance

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 6/15/2010

Does your sewer use ordinance or other legally binding document address the following:

Private property inflow and infiltration

New sewer and building sewer design, construction, installation, testing and inspection

Rehabilitated sewer and lift station installation, testing and inspection

Sewage flows satellite system and large private users are monitored and controlled, as necessary

Fat, oil and grease control

Enforcement procedures for sewer use non-compliance

Compliance Maintenance Annual Report

Onalaska City

Last Updated: Reporting For:
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Operation and Maintenance [NR 210.23 (4) (d)]
Does your operation and maintenance program and equipment include the following:

- Equipment and replacement part inventories
- Up-to-date sewer system map
- A management system (computer database and/or file system) for collection system information for O&M activities, investigation and rehabilitation
- A description of routine operation and maintenance activities (see question 2 below)
- Capacity assessment program
- Basement back assessment and correction
- Regular O&M training

Design and Performance Provisions [NR 210.23 (4) (e)]
What standards and procedures are established for the design, construction, and inspection of the sewer collection system, including building sewers and interceptor sewers on private property?

- State Plumbing Code, DNR NR 110 Standards and/or local Municipal Code Requirements
- Construction, Inspection, and Testing
- Others:

City Sewer Use Ordinance
 Sanitary Sewer Policy

Overflow Emergency Response Plan [NR 210.23 (4) (f)]
Does your emergency response capability include:

- Responsible personnel communication procedures
- Response order, timing and clean-up
- Public notification protocols
- Training
- Emergency operation protocols and implementation procedures

Annual Self-Auditing of your CMOM Program [NR 210.23 (5)]

Special Studies Last Year (check only those that apply):

- Infiltration/Inflow (I/I) Analysis
- Sewer System Evaluation Survey (SSES)
- Sewer Evaluation and Capacity Management Plan (SECAP)
- Lift Station Evaluation Report
- Others:

0

2. Operation and Maintenance

2.1 Did your sanitary sewer collection system maintenance program include the following maintenance activities? Complete all that apply and indicate the amount maintained.

Cleaning	33.3	% of system/year
Root removal	5	% of system/year
Flow monitoring	5	% of system/year
Smoke testing	0	% of system/year
Sewer line televising	13	% of system/year
Manhole inspections	100	% of system/year
Lift station O&M	12	# per L.S./year
Manhole rehabilitation	4	% of manholes rehabbed

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Mainline rehabilitation	<input type="text" value="1"/>	% of sewer lines rehabbed
Private sewer inspections	<input type="text" value="30"/>	% of system/year
Private sewer I/I removal	<input type="text" value="0"/>	% of private services
River or water crossings	<input type="text" value="0"/>	% of pipe crossings evaluated or maintained

Please include additional comments about your sanitary sewer collection system below:

3. Performance Indicators

3.1 Provide the following collection system and flow information for the past year.

<input type="text" value="38.71"/>	Total actual amount of precipitation last year in inches
<input type="text" value="33.03"/>	Annual average precipitation (for your location)
<input type="text" value="86.4"/>	Miles of sanitary sewer
<input type="text" value="9"/>	Number of lift stations
<input type="text" value="0"/>	Number of lift station failures
<input type="text" value="0"/>	Number of sewer pipe failures
<input type="text" value="0"/>	Number of basement backup occurrences
<input type="text" value="4"/>	Number of complaints
<input type="text" value="1.5"/>	Average daily flow in MGD (if available)
<input type="text" value="1.6"/>	Peak monthly flow in MGD (if available)
<input type="text" value="3.2"/>	Peak hourly flow in MGD (if available)

3.2 Performance ratios for the past year:

<input type="text" value="0.00"/>	Lift station failures (failures/year)
<input type="text" value="0.00"/>	Sewer pipe failures (pipe failures/sewer mile/yr)
<input type="text" value="0.00"/>	Sanitary sewer overflows (number/sewer mile/yr)
<input type="text" value="0.00"/>	Basement backups (number/sewer mile)
<input type="text" value="0.05"/>	Complaints (number/sewer mile)
<input type="text" value="1.1"/>	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
<input type="text" value="2.1"/>	Peaking factor ratio (Peak Hourly:Annual Daily Avg)

4. Overflows

LIST OF SANITARY SEWER (SSO) AND TREATMENT FACILITY (TFO) OFERFLOWS REPORTED **				
Date	Location	Cause	Estimated Volume (MG)	
None reported				

** If there were any SSOs or TFOs that are not listed above, please contact the DNR and stop work on this section until corrected.

5. Infiltration / Inflow (I/I)

5.1 Was infiltration/inflow (I/I) significant in your community last year?

- Yes
- No

If Yes, please describe:

Compliance Maintenance Annual Report

Onalaska City

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<p>5.2 Has infiltration/inflow and resultant high flows affected performance or created problems in your collection system, lift stations, or treatment plant at any time in the past year?</p> <p><input type="radio"/> Yes</p> <p><input checked="" type="radio"/> No</p> <p>If Yes, please describe:</p>	
<p>5.3 Explain any infiltration/inflow (I/I) changes this year from previous years:</p>	
Static.	
<p>5.4 What is being done to address infiltration/inflow in your collection system?</p>	
Replacing remaining pick hole covers. Following up and inspecting private manholes in parking lots etc. to make sure proper lids are being use.	

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

Compliance Maintenance Annual Report

Onalaska City

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Grading Summary

WPDES No: 0047341

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Financial	A	4	1	4
Collection	A	4	3	12
TOTALS			4	16
GRADE POINT AVERAGE (GPA) = 4.00				

Notes:

- A = Voluntary Range (Response Optional)
- B = Voluntary Range (Response Optional)
- C = Recommendation Range (Response Required)
- D = Action Range (Response Required)
- F = Action Range (Response Required)

Compliance Maintenance Annual Report

Onalaska City

Last Updated: Reporting For:
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Resolution or Owner's Statement

Name of Governing
Body or Owner:

Date of Resolution or
Action Taken:

Resolution Number:

Date of Submittal:

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B. Required for grade C, D, or F):

Financial Management: Grade = A

Collection Systems: Grade = A

(Regardless of grade, response required for Collection Systems if SSOs were reported)

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS

(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)

G.P.A. = 4.00

RESOLUTION 18 - 2018

**CITY OF ONALASKA
WISCONSIN DEPARTMENT
OF NATURAL RESOURCES
NR 208-COMPLIANCE
MAINTENANCE RESOLUTION 2017
ONALASKA, WISCONSIN**

**TO: HONORABLE MAYOR AND COUNCIL OF THE
CITY OF ONALASKA, WISCONSIN**

WHEREAS, it is a requirement under a Wisconsin Pollutant Discharge Elimination System (WPDES) permit issued by the Wisconsin Department of Natural Resources to file a Compliance Maintenance Annual Report (CMAR) for its wastewater treatment/wastewater collection system under Wisconsin Administrative Code NR 208;

WHEREAS, it is necessary to acknowledge that the governing body has reviewed the Compliance Maintenance Annual Report (CMAR);

WHEREAS, it is necessary to provide recommendations or an action response plan for all individual CMAR section grades (of "C" or less) and/or an overall grade point average of (<3.00).

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Onalaska, the following recommendations or actions will be taken to address or correct problems/deficiencies of the wastewater treatment or collection system as identified in the Compliance Maintenance Annual Report (CMAR):

(1) None Identified

Dated this th day of June, 2018.

CITY OF ONALASKA

BY: _____
Joe Chilsen, Mayor

BY: _____
Caroline Burmaster, City Clerk

PASSED:
APPROVED:
PUBLISHED:

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #7

Project/Item Name: Consumer Confidence Report

Location: Citywide

Requested Action: Place on file

Staff Report/Description: 2017 Onalaska Waterworks Consumer Confidence Report will be mailed in the July Utility bill. CCR is mandated information to be distributed to water system users.

Attachments: Onalaska Waterworks CCR

2017 Consumer Confidence Report Data

ONALASKA WATERWORKS, PWS ID: 63203272

If you would like to know more about the information contained in this report, please contact James Prindle at (608)781-9543 ext404.

Opportunity for input on decisions affecting your water quality

Board of Public Works meets on the first Tuesday of each month at 6:30 p.m., in the Council Chambers of City Hall, 415 Main Street, Onalaska. For details regarding this meeting you may call 608-781-9537.

Health Information

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Water System Information

Environmental Protection Agency's safe drinking water hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune systems disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Environmental Protection Agency's safe drinking water hotline (800-426-4791).

Source(s) of Water

Source ID	Source	Depth (in feet)	Status
7	Groundwater	160	Active
8	Groundwater	171	Active
9	Groundwater	160	Active
10	Groundwater	165	Active

To obtain a summary of the source water assessment please contact, James Prindle at (608)781-9543 ext404.

Educational Information

The sources of drinking water, both tap water and bottled water, include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally- occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which shall provide the same protection for public health.

Definitions

Term	Definition
AL	Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Level 1 Assessment	A Level 1 assessment is a study of the water system to identify potential problems and determine, if possible, why total coliform bacteria have been found in our water system.
Level 2 Assessment	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine, if possible, why an E. coli MCL violation has occurred or why total coliform bacteria have been found in our water system, or both, on multiple occasions.
MCL	Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
MCLG	Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MFL	million fibers per liter
MRDL	Maximum residual disinfectant level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MRDLG	Maximum residual disinfectant level goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
mrem/year	millirems per year (a measure of radiation absorbed by the body)
NTU	Nephelometric Turbidity Units
pCi/l	picocuries per liter (a measure of radioactivity)
ppm	parts per million, or milligrams per liter (mg/l)
ppb	parts per billion, or micrograms per liter (ug/l)
ppt	parts per trillion, or nanograms per liter
ppq	parts per quadrillion, or picograms per liter
TCR	Total Coliform Rule
TT	Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

Health effects for any contaminants with MCL violations/Action Level Exceedances

Contaminant Health Effects

COPPER Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilsons Disease should consult their personal doctor.

Additional Health Information

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health care provider.

Detected Contaminants

Your water was tested for many contaminants last year. We are allowed to monitor for some contaminants less frequently than once a year. The following tables list only those contaminants which were detected in your water. If a contaminant was detected last year, it will appear in the following tables without a sample date. If the contaminant was not monitored last year, but was detected within the last 5 years, it will appear in the tables below along with the sample date.

Disinfection Byproducts

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date	Violation	Typical Source of Contaminant
HAA5 (ppb)	D-16	60	60	7	7	2017	No	By-product of drinking water chlorination
TTHM (ppb)	D-16	80	0	5.4	5.4	2017	No	By-product of drinking water chlorination
HAA5 (ppb)	D-17	60	60	9	9	2017	No	By-product of drinking water chlorination
TTHM (ppb)	D-17	80	0	5.2	5.2	2017	No	By-product of drinking water chlorination

Inorganic Contaminants

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date	Violation	Typical Source of Contaminant
ARSENIC (ppb)	10	n/a	1	0 - 1	2017	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes	
BARIUM (ppm)	2	2	0.084	0.069 - 0.084	2017	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	
CHROMIUM (ppb)	100	100	2	0 - 2	2017	No	Discharge from steel and pulp mills; Erosion of natural deposits	
FLUORIDE (ppm)	4	4	0.7	0.1 - 0.7	2017	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories	
MERCURY (ppb)	2	2	0.4	0.3 - 0.4	2017	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland	
NITRATE (NO3-N) (ppm)	10	10	5.69	2.16 - 5.86	2017	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	
SELENIUM (ppb)	50	50	1	0 - 1	2017	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines	
SODIUM (ppm)	n/a	n/a	32.10	10.90 - 32.10	2017	No	n/a	
THALLIUM TOTAL (ppb)	2	0.5	1.0	0.0 - 1.0	2017	No	Leaching from ore-processing sites; Discharge from electronics, glass, and drug factories	

Contaminant (units)	Action Level	MCLG	90th Percentile Level Found	# of Results	Sample Date	Violation	Typical Source of Contaminant
COPPER (ppm)	AL=1.3	1.3	1.2600	1 of 30 results were above the action level.	2017	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD (ppb)	AL=15	0	1.45	0 of 30 results were above the action level.	2017	No	Corrosion of household plumbing systems; Erosion of natural deposits

Radioactive Contaminants

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date	Violation	Typical Source of Contaminant
RADIUM, (226 + 228) (pCi/l)		5	0	0.4	0.4	2017	No	Erosion of natural deposits
GROSS ALPHA, INCL. R & U (n/a)		n/a	n/a	0.8	0.8	2017	No	Erosion of natural deposits
COMBINED URANIUM (ug/l)		30	0	0.5	0.5	2017	No	Erosion of natural deposits

Unregulated Contaminants

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. EPA required us to participate in this monitoring.

Contaminant (units)	Level Found	Range	Sample Date
SULFATE (ppm)	20.10	15.70 - 20.10	2017
Contaminant (units)	Levels Found (Range)	Sample Date (if prior to 2017)	
HEXAVALENT CHROMIUM (ppb)	.86 - 1.3	2013	
STRONTIUM (ppb)	85 - 120	2013	
VANADIUM (ppb)	.99 - 1.5	2013	
CHROMIUM (ppb)	.87 - 1.2	2013	

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #8

Project/Item Name: Public Works Facility

Location: 252 Mason Street

Requested Action: Approval of architectural work

Staff Report/Description: The City Public Works Facility was constructed in 2007 to house staff and equipment based upon needs at that time. Public Works has used the old City shop for overflow storage since the new facility was built and with the redevelopment in the downtown area feel study concepts should be developed for Public Works Facility expansion. This work would then be used for budgeting within the Capital Improvements budget for future projects. Proposal is from HSR Associates that designed the original building.

Attachments: Proposal



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR Associates

Celebrating **60 Years** of Innovative Design
100 Milwaukee Street
LaCrosse, WI 54603
608.784.1830
www.hsrasociates.com

May 17, 2018

City of Onalaska Public Works Facility
252 Mason Street
Onalaska, WI 54650

Attention: C. Jarrod Holter

Reference: City of Onalaska Public Works Facility
Building Concepts and Budgets

Dear Jarrod,

Thank you for inviting HSR Associates, Inc. to give you a proposal to help you with this projects continued development and budget. We sincerely look forward to working with you when it becomes an actual project as well.

I. PROJECT DESCRIPTION

A. Project Concept Development Study including; Basic site evaluation, building footprint, site circulation and building access points, and pros and cons as we see them. We will document the information in drawings and written format as necessary to convey the concepts. There were many versions that were talked about that we want to explore more:

1. Renovation of the existing western most drive-through cold storage bay into a heated storage bay. This may include the addition of overhead doors on the N/S, and/or on the W sides of the building.
2. An addition to the west side of the building to either expand the current cold storage bay and turn it into heated storage, or to add an entirely new cold storage area along with converting the exiting cold storage to heated.
3. A new building on the western edge of the property to service as a new cold storage building, or as a new heated storage building (depending on how the existing bay gets utilized)..
4. A new building on the south edge of the property (north edge of the powerline easement) to serve as a new cold storage building.
5. An addition to the salt storage building to serve as new cold storage area.
6. Utilization of the Omni Center metal storage building for cold storage, and related site/circulation. Also possibly adding to that building?
7. A new cold storage building on the south side of the powerline easement adjacent to the Omni Center storage building.
8. See site plan attached hereto. We can see what else comes up during review of these ideas
9. We anticipate up to 3 meetings with the City of Onalaska and their staff at appropriate times at the site or HSR.

B. Project Budget Development as follows: We will provide rough budgets as we explore each different site and renovation / addition option. As we pare the options down to the best 2 we will provide more comprehensive budgets for each option. We will work with a local contractor to ensure the budgets are as accurate as possible at this stage. Budgets will be based upon limited drawings and include numbers from local contractor sources, Means Estimating, and empirical knowledge.

C. Project rendering in Sketch-Up: For the preferred site and building layout, HSR will do a sketch-up model to help describe the building. There are two examples of renderings attached hereto, the set done for Southwest Tech is fairly close to the final package we can provide for the City of Onalaska. The rendering is a little more developed than what we propose for here (it's also 2 buildings, not just 1). The WTC rendering is more the level (just mass drawings for adjacent buildings) of what we would anticipate here, just adding the descriptions and budget data. Multiple views can be taken once the model is completed. Note that it would only be exterior at this time, interior could be added though.

II. Schedule: To Be Determined

III. HSR Proposed Fee

A. Concept Development:

a. 12 hrs Architect @ \$152/hr = \$1,824.00

B. Budget Development

a. 4 hrs Architect @ \$152/hr = \$ 608.00

b. Contractor Fee Allowance = \$ 800.00

C. Rendering development

a. 12 hrs Architect @ \$182 = \$2,184.00

\$ 3,232.00

NET TOTAL: \$5,416.00

We look forward to working with you on this and hope that this fee works for you.

Sincerely,



Daniel L. Blumer, AIA, LEED Green Associate
Director
HSR Board of Directors

Attachment: Site Plan



Mason St

A3

A2

A1

A4

A5

Image Landsat

Google earth

Google earth

feet
meters



A7

A6

100

400



STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #9

Project/Item Name: Main Street & 12th Avenue/Sand Lake Road
Traffic Signal Project

Location: Main Street & 12th Avenue/Sand Lake Road

Requested Action: Approval of bid

Staff Report/Description: Bids will be opened for the project Tuesday
June 5, 2018 and brought forward to the
Board of Public Works meeting.

Attachments: Bid advertisement

SECTION 00 11 13

ADVERTISEMENT TO BID

MAIN STREET AND SAND LAKE ROAD/12TH AVENUE TRAFFIC SIGNAL IMPROVEMENTS
CONTRACT 1-2018
CITY OF ONALASKA, WISCONSIN

Sealed Bids for the construction of the Main Street and Sand Lake Road/12th Avenue Traffic Signal Improvements, Contract 1-2018, will be received by the City of Onalaska at City Hall 415 Main Street, Onalaska, WI 54650, until 10 A.M., local time, on June 5, 2018, at which time the Bids will be publicly opened and read aloud.

The Work includes 270 square feet of concrete sidewalk, replacement of 10 traffic signal pullboxes, replacement of 22 traffic signal and pedestrian signal heads, traffic signal controller replacement, underground cable installation, and miscellaneous items.

Complete digital Project Bidding Documents are available at www.strand.com or at www.questcdn.com. Download the digital Bidding Documents for \$30 by inputting Quest project number 5763983 on the website's Project Search page. Please contact QuestCDN.com at (952) 233-1632 or info@questcdn.com for assistance with free membership registration, downloading, and working with this digital project information.

Bidding Documents may be reviewed and paper copies may be obtained from the Issuing Office which is Strand Associates, Inc.[®], 910 West Wingra Drive, Madison, WI 53715. A nonrefundable fee of \$125 will be required (shipping and handling fees included). Overnight mailing of Bidding Documents will not be provided.

All Bidders submitting a sealed Bid shall obtain the Bidding Documents from QuestCDN.com or from Strand Associates, Inc.[®]

Bidders who submit a Bid must be a Plan Holder of record at the Issuing Office. Bids from Bidders who are not on the Plan Holders List may be returned as not being responsive.

Plan Holders are requested to provide an e-mail address if they wish to receive addenda and other information electronically. Plan Holders are requested to designate whether they are a prime contractor, subcontractor, or supplier if they want this information posted on the project Plan Holders List.

The Bid must be accompanied by Bid security made payable to OWNER in an amount of 5% of the Bidder's maximum Bid price.

The City of Onalaska reserves the right to reject any or all Bids, to waive any technicality, and to accept any Bid which it deems advantageous. All Bids shall remain subject to acceptance for 85 days after the time set for receiving Bids.

Contract award shall be made based on the lowest responsive and responsible Bidder.

Prospective Bidders are required to complete and submit a prequalification questionnaire with supporting documents to OWNER (see Instructions to Bidders). Prequalification forms will be provided

with Bidding Document sets. Completed forms are to be submitted no later than 4 P.M., local time, on June 1, 2018.

The Strand Associates, Inc.® project manager is Kyle Henderson, P.E. and can be contacted at Strand Associates, Inc.®, 910 West Wingra Drive, Madison, WI 53715, (608) 251-4843 regarding the project.

Published by the authority of the City of Onalaska, Wisconsin
City Council

Dated at City of Onalaska, Wisconsin
May 18, 2018 and May 25, 2018

END OF SECTION

**CITY OF ONALASKA
BID OPENING**

**2018 TRAFFIC SIGNAL REPLACEMENT
MAIN STREET & SAND LAKE ROAD
June 5, 2018**

Contractor	Bidders Proof	Bid Bond	Bid Amount
PEMBER COMPANIES	X	5%	\$130,853.00 (\$152,097.00)

AWARD BID TO: _____

Holter, Jarrod

From: Schubert, Kevin
Sent: Tuesday, June 05, 2018 2:01 PM
To: Holter, Jarrod
Subject: FW: Main St & Sand lake Traffic Signal bid
Attachments: REVISED Onalaska Project; 20180605135226369.pdf

From: Eric Pember [<mailto:EPember@pembercompanies.com>]
Sent: Tuesday, June 05, 2018 1:57 PM
To: Schubert, Kevin
Subject: Main St & Sand lake Traffic Signal bid

Kevin,

As per our phone call, our electrician sent us a revised quote at 10:04, 4 minutes after the bid closed. I talked with him over the phone and his supplier revised his quote at the last minute. The increase in the electrical is \$21,244.00. The increase is in two items: Traffic Signal Controller changed from \$11,390.00 to \$23,606.00 and Video Detection System changed from \$13,350 to \$22,378.00. Our bid will be the same for every other item, the new Traffic Signal Controller price would be \$26,716.00 and the Video Detection price would be \$24,803.00. Attached are the two electrical quotes. Pember worked hard to get this bid put together. We called about 10 different electrical companies, and Van Ert is the only subcontractor who was willing to quote the project. We didn't get a hold of him until yesterday afternoon, I assume this short time was a factor in the error. Pember looks forward to working with the city on this project if we can revise the prices, if not we would ask to be excused from our bid as the error is more than our mark-up on the job. Also I attached our email conversation with the times on as well.

Thanks

Eric Pember

To: Anne Whittier
Cc: Eric Pember
Subject: RE: Onalaska Project

Anne,
I should be able to get a price to you before 10AM tomorrow.

Tim Jones

Eau Claire Division Manager

Van Ert Electric Co., Inc.

4233 Robin Rd., Eau Claire, WI 54703

Phone 715-514-5558 X 101

Fax 715-514-5559

Cell 715-573-2800



Ask about our other services: Arc Flash Coordination Studies, Engineering, Thermal Imaging, Controls & Instrumentation, Teledata Systems, Phoneworks, Design/Building, & LEED AP on staff

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From: Anne Whittier <AWhittier@pembercompanies.com>
Sent: Monday, June 4, 2018 3:31 PM
To: 'Tim Jones' <tjones@vanert.com>
Cc: Eric Pember <EPember@pembercompanies.com>
Subject: Onalaska Project

Tim –
Thanks for looking at this. Please let us know if you think you will quote.

Anne Whittier
Estimating Assistant
Pember Companies
N4449 469th St.
Menomonie, WI 54751
715-235-0316 ext. 32
715-235-9006 fax

Holter, Jarrod

From: Tim Jones <tjones@vanert.com>
Sent: Tuesday, June 05, 2018 10:04 AM
To: Eric Pember; Anne Whittier
Subject: REVISED Onalaska Project
Attachments: SAND LAKE RD BID.pdf

Please note revised quote

Tim Jones

Eau Claire Division Manager



4233 Robin Rd., Eau Claire, WI 54703

Phone 715-514-5558 X 101

Fax 715-514-5559

Cell 715-573-2800



Ask about our other services: Arc Flash Coordination Studies, Engineering, Thermal Imaging, Controls & Instrumentation, Teledata Systems, Phoneworks, Design/Building, & LEED AP on staff

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From: Eric Pember <EPember@pembercompanies.com>
Sent: Monday, June 4, 2018 5:14 PM
To: 'Tim Jones' <tjones@vanert.com>; Anne Whittier <AWhittier@pembercompanies.com>
Subject: RE: Onalaska Project

Thanks Tim, let me know if you have any questions.
Thanks
Eric Pember

From: Tim Jones [mailto:tjones@vanert.com]
Sent: Monday, June 04, 2018 4:59 PM

STRAND OPINION OF PROBABLE COST

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extension</u>
Main Street and Sand Lake Road/12th Avenue Traffic Signal Improvements					
1	Removing Concrete Sidewalk	270	SF	\$ 20.00	\$ 5,400.00
2	Removing Concrete Bases	1	EA	\$ 400.00	\$ 400.00
3	Removing Pull Boxes	13	EA	\$ 90.00	\$ 1,170.00
4	Removing Traffic Signal Head	14	EA	\$ 150.00	\$ 2,100.00
5	Removing Pedestrian Signal Head	8	EA	\$ 150.00	\$ 1,200.00
6	Removing Pedestrian Push Button	8	EA	\$ 150.00	\$ 1,200.00
7	Removing Traffic Signal Cabinet and Controller	1	EA	\$ 250.00	\$ 250.00
8	Base Aggregate Dense 3/4-Inch	90	T	\$ 40.00	\$ 3,600.00
9	Concrete Sidewalk, 5-IN	270	SF	\$ 15.00	\$ 4,050.00
10	Seed Restoration	1	LS	\$ 2,000.00	\$ 2,000.00
11	Silt Fence	100	LF	\$ 5.00	\$ 500.00
12	Inlet Protection	4	EA	\$ 120.00	\$ 480.00
13	Traffic Control	1	LS	\$ 12,000.00	\$ 12,000.00
14	Electrical Wiring	1	LS	\$ 6,000.00	\$ 6,000.00
15	Pull Boxes Steel 24x42-Inch	10	EA	\$ 875.00	\$ 8,750.00
16	Conduit Rigid Nonmetallic Scheudle 40 3-Inch	20	LF	\$ 20.00	\$ 400.00
17	Concrete Control Cabinet Bases Type 9 Special	1	EA	\$ 1,500.00	\$ 1,500.00
18	Traffic Signal Face 3S 12-Inch	14	EA	\$ 550.00	\$ 7,700.00
19	Pedestrian Signal Face 12-Inch	8	EA	\$ 300.00	\$ 2,400.00
20	Pedestrian Push Button	8	EA	\$ 300.00	\$ 2,400.00
21	NEMA TS2 Traffic Signal Controller and Cabinet	1	EA	\$ 12,000.00	\$ 12,000.00
22	EVP Detector	1	LS	\$ 6,000.00	\$ 6,000.00
23	Video Vehicle Detection System	1	LS	\$ 25,000.00	\$ 25,000.00
24	Electrical Service Meter Breaker Pedestal	1	LS	\$ 1,500.00	\$ 1,500.00
25	Signal Mounting Hardware	1	LS	\$ 3,000.00	\$ 3,000.00
26	Luminaires Utility LED Category C	1	EA	\$ 1,750.00	\$ 1,750.00
Total \$					112,800.00

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #10

Project/Item Name: 2019 – 2023 Capital Improvements Budget

Location: Citywide

Requested Action: Discussion on budget

Staff Report/Description: 2019 – 2023 Capital Improvements Budget
has been initiated. Discussion should
include budget parameters to be followed.

Attachments: Memo



MEMORANDUM

PUBLIC WORKS DEPARTMENT

TO: City Administrator
Mayor
Common Council
Department Heads

FROM: Jarrod Holter, City Engineer/Director of Public Works *JH*

DATE: May 23, 2018

CC:

RE: 2019 – 2023 Capital Improvement Projects

The process of compiling the proposed 2019 through 2023 Capital Improvement projects list has begun. Departments, committees, or individual requesting Capital Improvement projects, for the next five years, must forward a list of items to me no later than **Monday July 9, 2018** for inclusion. Each item must have a year designated for the funding and the amount of funding requested. I will be compiling the proposed Capital Improvement Projects list for the September Board of Public Works meeting.

With continued budgetary constraints maintain estimated costs for potential projects as tightly as possible. I am anticipating funding requests for 2019 Capital Improvements budget to be over the amount that can be approved to stay within budgetary constraints.

Thank you for your assistance in completing the 2019 – 2023 Capital Improvements Projects list.

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #11

Project/Item Name: Green Coulee box culvert repairs

Location: Green Coulee Road and Evenson Drive

Requested Action: Approval of quote

Staff Report/Description: Recent inspections of the box culverts in the Green Coulee area exposed needed repairs. The joints and floor of the pre cast box culverts needs repair. Since this is the only way in and out of Green Coulee staff has brought forward for this work to be completed this summer.

Attachments: Quote



855-845-5326

Des Moines, IA

Mankato, MN

Rogers, MN

Sioux Falls, SD

Watertown, SD

PROPOSAL

Bill To: City of Onalaska
415 Main Street

Onalaska, WI 54650

Ship To: City of Onalaska
415 Main Street

Onalaska, WI 54650

Date	Expires
4/27/2018	6/26/2018
Hydro-Klean Quote Number	Delivery / Availability
QTE041113	As Schedule Permits
Prepared By	
Matt Huston	
Freight On Board	
Terms	
Net 30	

Quantity	Units	Description	Price	Amount
----------	-------	-------------	-------	--------

Projected probable project cost to perform the following tasks on a unit cost basis: Hydro-Klean LLC will provide all labor, equipment and material to repair various storm sewer culvert defects as described below.

Evenson Drive Culvert - Spalled Concrete Repair at the 36" Lateral Pipe Connection.

Hydro-Klean will remove all loose material, clean affected surfaces via high pressure water-blast and repair spalled concrete by placing and finishing a high strength non-shrink cement grout to reestablish the base and wall to original dimension.

Green Coulee Road Culvert - 7' 9' Precast Culvert Joint Repair.

Hydro-Klean will remove all loose material, clean affected surfaces via high pressure water-blast and tuck point and seal open culvert joint joints. Joints will be packed with a high strength non-shrink cement grout and finished smooth to original dimension.

Crew & Equipment Mobilization charges include crew roundtrip travel, fuel, lodging and per-diems. Variations in the work scope will require execution of a change order.

15	1.00 Each	Evenson Culvert Spall Repair, LS	\$735.00	\$735.00
	11.00 Each	Green Coulee Joint Repair, EA	\$1,225.00	\$13,475.00 18,375.-
	1.00 Each	Crew & Equipment Mobilization, LS	\$1,310.00	\$1,310.00

*NOTE: Proposal does not include any applicable taxes

\$20,420.00

Prepared By: Matt Huston

Title: Structure Rehab Specialist

Approved By: Wade Anderson

Title: President

*Total

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #12

Project/Item Name: 2018 SCADA upgrade project

Location: Citywide

Requested Action: Approval of quotes

Staff Report/Description: Quotes have been received for the 2018 SCADA upgrade work. Altronex is the City SCADA provider and has provided a quote for the work requested. Strand has submitted a quote for installation of software on City tablet computers for remote access to the City SCADA system. This project was included within the 2018 Capital Improvements budget.

Attachments: Quotes, RFP and project budget



May 22, 2018

Mr. Mike Bewick
L.W. Allen-Altronex Control Systems
4633 Tompkins Drive
Madison, WI 53716

Re: City of Onalaska (Owner) 2018 Supervisory Control and Data Acquisition (SCADA) Upgrades

Dear Mike,

Please provide a proposal to perform the following work for the Owner on its Water and Sanitary SCADA System:

1. New programmable logic controllers (PLCs) at remote sites

Furnish and install a new Allen-Bradley MicroLogix 1400, model 1766-L32BXBA, PLC at each remote site except the South Kinney lift station, Franklin Street lift station, Court Street lift station, and 6th and Quincy lift station. Provide input/output (I/O) cards as required. Provide 10 percent spare I/O for each type of input and output used (minimum of one spare each). The intent in the future is to replace the existing radios with radios that use Ethernet communications. Where possible, install new PLCs to allow for additional I/O cards in the future. Provide updated wiring diagrams for each panel.

The existing Allen-Bradley MicroLogix 1500 PLC (Allen-Bradley SLC 5/03 at Aspen Valley Booster Station) at each site shall be removed.

As part of this work, all status and alarm signals shall be simulated back to the master PLC once the installation is complete to confirm that they show up correctly at the SCADA computers and that all alarms activate the software alarm dialer and backup hardwired dialer correctly.

2. New uninterruptible power supplies (UPS) at remote sites

Furnish and install a new direct current uninterruptible power supply (DC UPS), Mean Well model DR-UPSxx, sized as required, at each remote site except Well No. 9, Storm lift station, South Kinney lift station, Franklin Street lift station, Court Street lift station, and 6th and Quincy lift station. New UPS shall power all equipment/devices powered by the existing UPS. UPS shall include a dry contact for indication of Battery Fail at the SCADA System. Provide new wiring as required. Provide updated wiring diagrams for each panel.

The existing UPS shall be removed and turned over to the Owner.

3. New intrusion motion sensors

Furnish and install new intrusion motion sensors, General Electric (GE) Security model AP669, or equal for ceiling mounted units at Well Nos. 7 and 8, and the Storm lift station to replace the existing motion sensors. There are two existing ceiling mounted motion sensors at Well No. 7: one in the pump room and

Mr. Mike Bewick
L.W. Allen—Altronex Control Systems
Page 2
May 22, 2018

the other in the hydrant room. There are also two existing ceiling mounted motion sensors at Well No. 8: one in the pump room and the other in the storage room. The Storm lift station has one ceiling mounted motion sensor. The new motion sensor for the Storm lift station shall be relocated to the north so that it is away from the existing exhaust louver (remove conduit back to next coupling north of current location). Power to the detectors shall be from the supervisory control center (SCC) panel.

The existing motion sensors shall be removed and turned over to the Owner.

4. New pump controls at 11th & Wells lift station

In addition to the new PLC and DC UPS specified above, furnish and install the following additional instrumentation for control of the two existing pumps:

- New Spider Ethernet switch.
- New Maple Systems 7-inch color touchscreen operator interface panel (OIP).
- New analog intrinsic safety barrier for new Siemens Bulletin A1000i submersible level transducer (level transducer furnished by Owner and installed by L.W. Allen).
- Two new float switches, Anchor Scientific model SSTNM, or equal with stainless steel cable and PVC coated weight. Intrinsic safety barriers shall also be provided for the two new floats.
- Two new three-position selector switches (Float-Transducer-Auto and 1-2, Auto, 2-1), automatic alternator, backup float system enabled pilot light, and manual reset for backup float control as described below.

The new Owner-furnished level transducer shall be installed and wired to the new PLC to provide level indication at the OIP and SCADA System as well as to control the two existing pumps. Provide new power supply as required for the Owner-furnished transducer. The operator shall be able to enter low water level alarm, common pumps off, lead pump start, lag pump start, and high-water level alarm setpoints into the PLC from the OIP or the SCADA System. A change made at one location shall be automatically updated at the other. The operator shall be able to select either pump as the lead pump or automatic alternation of the two pumps from the OIP or the SCADA System. The new OIP shall be installed in the existing starter panel in place of the D152 controller—modify existing panel opening as required.

The Float-Transducer-Auto selector switch shall allow the operator to select the backup float or level transducer for control of the pumps or automatic control based on both the transducer and float. In the “Transducer” mode, the pumps shall be controlled as described above. In the “Float” mode, the pumps shall be controlled as described below. Float control shall be hardwired and not through the PLC. In the “Auto” mode, the pumps shall normally be controlled from the level transducer and shall automatically switch to the backup float when the high level float is activated. Once the backup float mode is activated, the system shall stay in this mode until manually reset by the operator. The new backup float system enabled pilot light shall be energized and an alarm indicated at the SCADA System whenever the backup float system is enabled (Auto mode only).

The backup float system shall consist of the new high level alarm float, automatic alternator, and three-position selector switch (1-2, Auto, 2-1). When the high-level float is activated, the lead pump shall start and a pump down time delay shall be initiated. Once the pump down time delay expires the lead pump shall be shut down. With the 1-2, Auto, 2-1 selector switch in the Auto mode, the pumps shall alternate after each run cycle. Only one pump shall operate in the backup float mode. The new backup float controls shall be installed in the existing starter panel. Wiring should be provided as required. The

Mr. Mike Bewick
 L.W. Allen–Altronex Control Systems
 Page 3
 May 22, 2018

operator shall be able to disable the high-level float alarm from being sent to the OIP and SCADA System from the OIP or the SCADA System. The new high-high level alarm float shall always activate an alarm at the OIP and SCADA System.

Provide all modifications to the existing Wonderware HMI software, Win911 software dialer, and backup dialer as required to incorporate the above modifications.

Provide updated wiring diagrams for modifications to the SCC and starter panel, system startup and checkout, operator training, and operation and maintenance manuals for the new equipment.

There are two spare 3/4-inch conduits out of the wet well that may be used for the new transducer or floats. The wetwell is a Class I, Division 1 Groups C and D location and all electrical work and equipment shall meet this rating. All conduits (new and existing) out of the wetwell shall be provided with seal-offs as required per the National Electric Code (NEC). Provide new conduits as required.

The existing floats, level transducer, D152 controller, and all associated wiring shall be removed. The existing floats and level transducer shall be turned over to the Owner.

5. New pump controls at Cedar Creek lift station

In addition to the new PLC and DC UPS specified above, provide the following additional instrumentation for control of the two existing pumps:

- New Spider Ethernet switch.
- New Maple Systems 7-inch color touchscreen OIP.
- New analog intrinsic safety barrier for new Siemens Bulletin A1000i submersible level transducer (level transducer furnished by Owner and installed by L.W. Allen).
- Two new float switches, Anchor Scientific model SSTNM, or equal with stainless steel cable and polyvinyl chloride (PVC) coated weight. Intrinsic safety barriers shall also be provided for the two new floats.
- Two new three-position selector switches (Float-Transducer-Auto and 1-2, Auto, 2-1), automatic alternator, backup float system enabled pilot light, and manual reset for backup float control as described below.

The new Owner-furnished level transducer shall be installed and wired to the new PLC to provide level indication at the OIP and SCADA System as well as to control the two existing pumps. Provide new power supply as required for Owner furnished transducer. The operator shall be able to enter low water level alarm, common pumps off, lead pump start, lag pump start, and high water level alarm setpoints into the PLC from the OIP or the SCADA System. A change made at one location shall be automatically updated at the other. The operator shall be able to select either pump as the lead pump or automatic alternation of the two pumps from the OIP or the SCADA System. The new OIP shall be installed in a new National Electrical Manufacturers Association (NEMA) 12 enclosure which shall be mounted above the existing starter panel.

The Float-Transducer-Auto selector switch shall allow the operator to select the backup float or level transducer for control of the pumps or automatic control based on both the transducer and float. In the “Transducer” mode, the pumps shall be controlled as described above. In the “Float” mode, the pumps shall be controlled as described below. Float control shall be hardwired and not through the PLC. In the “Auto” mode, the pumps shall normally be controlled from the level transducer and shall automatically

Mr. Mike Bewick
L.W. Allen–Altronex Control Systems
Page 4
May 22, 2018

switch to the backup float when the high level float is activated. Once the backup float mode is activated, the system shall stay in this mode until manually reset by the operator. The new backup float system enabled pilot light shall be energized and an alarm indicated at the SCADA System whenever the backup float system is enabled (Auto mode only).

The backup float system shall consist of the new high level alarm float, automatic alternator, and three-position selector switch (1-2, Auto, 2-1). When the high level float is activated, the lead pump shall start and a pump down time delay shall be initiated. Once the pump down time delay expires the lead pump shall be shut down. With the 1-2, Auto, 2-1 selector switch in the Auto mode, the pumps shall alternate after each run cycle. Only one pump shall operate in the backup float mode. The new backup float controls shall be installed in the existing starter panel. Provide new wiring as required. The operator shall be able to disable the high level float alarm from being sent to the OIP and SCADA System from the OIP or the SCADA System. The new high-high level alarm float shall always activate an alarm at the OIP and SCADA System.

Provide all modifications to the existing Wonderware HMI software, Win911 software dialer, and backup dialer as required to incorporate the above modifications.

Provide updated wiring diagrams for modifications to the SCC and starter panel, system startup and checkout, operator training, and operation and maintenance manuals for the new equipment.

There is a spare 2-inch conduit out of the wet well that may be used for the new transducer or floats. The wetwell is a Class I, Division 1 Groups C and D location and all electrical work and equipment shall meet this rating. All conduits (new and existing) out of the wetwell shall be provided with seal-offs as required per the NEC. Provide new conduits as required.

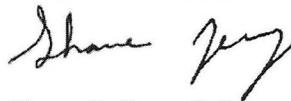
The existing floats, level transducer, D152 controller and all associated wiring shall be removed. The existing floats and level transducer shall be turned over to the Owner.

Please provide a price breakout for the new pump controls at the Cedar Creek lift station. Depending on the cost of the other modifications described herein, the Owner may elect not to proceed with the Cedar Creek lift station changes.

Your proposal would be appreciated by May 25, 2018. Please include with your proposal estimated dates for project start and completion.

Sincerely,

STRAND ASSOCIATES, INC.®



Shane P. Zenz, P.E.

c: Mr. Jarrod Holter, P.E., City of Onalaska

PROPOSAL

Phone 608.222.8622
Fax 608.222.9414



Altronex Control Systems

A Division of L. W. Allen, LLC

Excellence, By Design

4633 Tompkins Drive
Madison, WI 53716

Mr. Jarrod Holter, City Engineer
City of Onalaska
415 Main Street
Onalaska, WI 54650

PROPOSAL ID: 18052218OMB
REFERENCE: 2018 SCADA Upgrades
LOCATION: Onalaska, WI - Utility Sites
BID DATE: May 22, 2018

TERMS: NET-30 DAYS PER ATTACHED TERMS AND CONDITIONS
ADDENDUM _ ACKNOWLEDGED

FREIGHT IS F.O.B. ORIGIN – ALLOWED
PRICES DO NOT INCLUDE SALES OR USE TAXES

ITEM	QUAN	DESCRIPTION	TOTAL PRICE
A	17	<p>L.W. Allen and its Altronex Control Systems division are pleased to provide a quotation for the following equipment and services based on Strand Associates' RFP dated May 22, 2018.</p> <p style="text-align: center;"><u>Item 1 – New PLC's at Remote Sites</u></p> <p>Furnish and install new Allen-Bradley MicroLogix 1400 PLC's at the below listed sites:</p> <ul style="list-style-type: none"> • Well No.7 • Well No.8 • Well No.9 (Compactlogix installed in 2016) • Well No.10 • Coachlite Booster Station • Aspen Valley Booster Station • CTH OS Booster Station • Country Club Reservoir • Wild Rose Reservoir • Well Street Reservoirs • Hauser Farm Reservoir Control Valve • Hauser Farm Reservoir • Main Street Stormwater Station • Cedar Creek Lift Station • Franklin Street Lift Station (Future station rework) • 6th & Quincey Lift Station (Future station rework) • 11th & Wells Street Lift Station • Court Street Lift Station (Future station rework) • Elmwood Lift Station • South Kinney Coulee Lift Station (New in 2017) • Gunderson Lift Station • Holiday Heights Lift Station <p>Major items include:</p> <ol style="list-style-type: none"> 1. Remove existing Micrologix 1500 and SLC PLC's 2. Install new Micrologix 1400 PLC's in existing enclosures 3. Provide required I/O modules with 10% spares 	

ITEM	QUAN	DESCRIPTION	TOTAL PRICE
		<ol style="list-style-type: none"> 4. Provide space, where possible adjacent to existing PLC's for future I/O modules 5. Provide all programming to convert existing programs 6. Test all alarms and status conditions back to the Master PLC 7. Provide new wiring diagrams 	
		Total Price Item A...	\$64,860.00
		<u>Item 2- New DC Uninterruptible Power Supplies (UPS') at Remote Sites</u>	
B	16	<p>Furnish and Install new DC UPS's at the following sites:</p> <ul style="list-style-type: none"> • Well No.7 • Well No.8 • Well No.9 (New in 2016) • Well No.10 • Coachlite Booster Station • Aspen Valley Booster Station • CTH OS Booster Station • Country Club Reservoir • Wild Rose Reservoir • Well Street Reservoirs • Hauser Farm Reservoir Control Valve • Hauser Farm Reservoir • Main Street Stormwater Station (Keep existing 120V UPS) • Cedar Creek Lift Station • Franklin Street Lift Station (Future station rework) • 6th & Quincey Lift Station (Future station rework) • 11th & Wells Street Lift Station • Court Street Lift Station (Future station rework) • Elmwood Lift Station • South Kinney Coulee Lift Station (New in 2017) • Gunderson Lift Station • Holiday Heights Lift Station <p>Major items include:</p> <ol style="list-style-type: none"> 1. Install Meanwell DRC-100B 24VDC UPS's 2. (2) Duracell 1.3 Ah. batteries 3. Install fusible switch blocks 4. Wire in battery fail contact to PLC's 5. Provide new wiring diagrams 	Total Price Item B...
			\$12,940.00
		<u>Item 3 – New Intrusion Motion Sensors</u>	
C	5	<p>Install new motion Sensors at the below sites:</p> <ul style="list-style-type: none"> • Well No.7 • Well No.8 • Main Street Stormwater Station <p>Major items include:</p> <ol style="list-style-type: none"> 1. Remove existing motion sensors at the three sites 2. Install GE Model AP669 ceiling mount motion detectors 3. Conduit removal at the Storm lift station site 4. Provide new wiring diagrams 	



Strand Associates, Inc.[®]

910 West Wingra Drive

Madison, WI 53715

(P) 608-251-4843

(F) 608-251-8655

Mr. Jarrod Holter, P.E., City Engineer
City of Onalaska
415 Main Street
Onalaska, WI 54650

Re: Tablet Access to Supervisory Control and Data Acquisition (SCADA) System

Dear Jarrod,

On behalf of Strand Associates, Inc.[®], thank you for the opportunity to present the following proposal.

Scope of Services

To provide City staff with remote access to the SCADA system, we will provide the following services:

- Specify a secure VPN firewall/router. The City will purchase this unit and we will configure it to enable remote connections to the SCADA network.
- Configure five existing tablets to securely connect to the VPN router and SCADA computer.
- Conduct one site visit to install the new firewall/router and modify one of the existing SCADA computers to accept an incoming connection.
- Train City staff on operation of the tablets and software to access the SCADA system.

Schedule

Assuming reasonable lead times for the hardware being purchased, we anticipate this work to be completed in less than 2 months.

Compensation

The above services will be performed for a lump sum fee of \$4,500.

Notes:

- 1) These tablets will need to connect to the internet via wi-fi. To maximize the portability of the tablets, any City staff who expect to access the system with the tablets should configure their phones as wi-fi hotspots. Most data plans allow this by default, however, the City needs to confirm this functionality with its cell provider before any of the above equipment is purchased.
- 2) In order for this equipment to work properly, it is required that the City have a static IP address at the Utility Office. At one time, there was a VPN firewall/router installed, so the City may still have this in place. However, if the City no longer has a static IP, it will need to set this up with an Internet Service Provider. Normally there is a nominal charge (\$5/month) to have a static IP.

Please contact me with any questions or comments regarding our proposal. We look forward to working with the City on this project.

Sincerely,

STRAND ASSOCIATES, INC.[®]

Shane P. Zenz, P.E., Senior Associate

9901971/SPZ.mah

2018 SCADA Project

5/25/2018

Project Costs

	Cost
Strand Engineering fees	\$19,000.00
Altronex quote	\$104,907.00
Strand quote for tablet work	\$4,500.00
software purchase	\$1,000.00
Total project award	\$129,407.00

Funding Sources

	Budget
2018 Capital Projects #25 - SSCADA upgrades	\$120,000.00
2018 Equipment budget - Cedar Creek pump controller	\$5,200.00
2018 Equipment budget - Lift station generator connections	\$5,000.00
Total project budget	\$130,200.00

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #13

Project/Item Name: 2018 Utility Project

Location: Citywide

Requested Action: Approval of services

Staff Report/Description: With the recent injury to the Assistant City Engineer professional engineering services have been requested from SEH. Engineering services will be for staking and periodic construction observation during the 2018 Utility Project.

Attachments: Agreement

Agreement for Professional Services

This Agreement is effective as of May 21, 2018, between City of Onalaska (Client) and Short Elliott Hendrickson Inc. (Consultant).

This Agreement authorizes and describes the scope, schedule, and payment conditions for Consultant's work on the Project described as: Provide part time construction observation and staking services for the Holiday Heights construction project. Also, provide general survey services for the Troy Street design project. Services estimated to be needed through the end of June 2018.

Client's Authorized Representative: Jarrod Holter, PE
Address: 415 Main Street
Onalaska, WI 54650
Telephone: 608.781.9537 **email:** jholter@cityofonalaska.com

Project Manager: Jeremy Tomesh, PE
Address: 329 Jay Street, Suite 301
La Crosse, WI 54601
Telephone: 608.498.4947 **email:** jtomesh@sehinc.com

Scope: The Basic Services to be provided by Consultant as set forth herein is provided subject to the attached General Conditions of the Agreement for Professional Services (General Conditions Rev. 07.14.16), which is incorporated by reference herein and subject to Exhibits attached to this Agreement.

Survey and Construction Inspection Services:

- Part-time construction observation and administration activities
- Provide construction staking activities
- Complete approximately 1-block of topographical survey on Troy Street

Resident Project Representative Services

RPR services will be provided in accordance with attached Exhibit B.

Schedule: Work is anticipated to be completed by June 30, 2018.

Payment: The fee is hourly, estimated to be \$19,601.16, included expenses and equipment.

The payment method, basis, frequency and other special conditions are set forth in attached Exhibit A-1

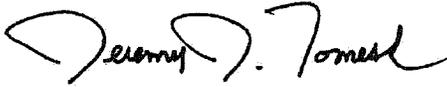
This Agreement for Professional Services, attached General Conditions, Exhibits and any Attachments (collectively referred to as the "Agreement") supersedes all prior contemporaneous oral or written agreements and represents the entire understanding between Client and Consultant with respect to the services to be provided by Consultant hereunder. In the event of a conflict between the documents, this document and the attached General Conditions shall take precedence over all other Exhibits unless noted below under "Other Terms and Conditions". The Agreement for Professional Services and the General Conditions (including scope, schedule, fee and signatures) shall take precedence over attached Exhibits. This Agreement may not be amended except by written agreement signed by the authorized representatives of each party.

Other Terms and Conditions: Other or additional terms contrary to the General Conditions that apply solely to this project as specifically agreed to by signature of the Parties and set forth herein:
None.

\\sehix1\projects\kololo\onala\common\survey and inspection services\letter agreement.docx

Short Elliott Hendrickson Inc.

City of Onalaska

By: 

Jeremy Tomesh, PE
Title: Client Service Manager

By: _____
Title: _____

Summary of Staff Hours and Labor Costs

Short Elliott Hendrickson Inc.

City of Onalaska

Survey and Construction Inspection Services

Task	Jeremy Tomesh		Tim Reichgelt		Duane Kowalczyk		Mary Campbell		Total Labor	
	Project Manager		Civil Engineer		Survey Crew Chief		Accounting Clerk			
	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
		\$150.00		\$117.50		\$119.50		\$101.00		
Survey and Construction Inspection Services									0.0	\$ -
Construction Inspection	0.5	\$ 75.00	80.0	\$ 9,400.00	24.0	\$ 2,868.00			104.5	\$ 12,343.00
Survey & Staking	0.5	\$ 75.00	18.0	\$ 2,115.00	24.0	\$ 2,868.00			42.5	\$ 5,058.00
Admin / Coordination	1.0	\$ 150.00					2.0	\$ 202.00	3.0	\$ 352.00
									0.0	\$ -
									0.0	\$ -
									0.0	\$ -
									0.0	\$ -
									0.0	\$ -
									0.0	\$ -
									0.0	\$ -
									0.0	\$ -
									0.0	\$ -
Subtotal	2.0	\$ 300.00	98.0	\$ 11,515.00	48.0	\$ 5,736.00	2.0	\$ 202.00	150.0	\$ 17,753.00

Labor \$17,753.00
 Expenses \$ 1,848.16
Total \$19,601.16

Direct Expenses by Item

City of Onalaska
Survey and Construction Inspection Services

Short Elliott Hendrickson Inc.

Item	Unit Amount	Unit Type	Rate	Total Expenses
Task - Construction Inspection				
Mileage	744	Miles	\$0.54	\$401.76
Meals - Lunch	3	Each	\$12.00	\$36.00
GPS	4	Hour	\$25.00	\$100.00
Survey Van	9	Hour	\$4.00	\$36.00
Task - Survey & Staking				
Mileage	560	Miles	\$0.54	\$302.40
Meals - Lunch	3	Each	\$12.00	\$36.00
GPS	36	Hour	\$25.00	\$900.00
Survey Van	9	Hour	\$4.00	\$36.00
TOTAL				\$1,848.16

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #14

Project/Item Name: Green Coulee & East Main Street
intersection evaluation

Location: Green Coulee & East Main Street

Requested Action: Approval of services

Staff Report/Description: Request for proposals were sent to five engineering firms for alternative analysis and schematic design at the East Main Street & Green Coulee intersection. This work will give the City direction on what intersection improvements could be constructed along with opinion of probable cost. This project was included within the 2018 Capital Improvements budget.

Attachments: Consultant evaluation sheet

**GREEN COULEE RD/EAST MAIN ST INTERSECTION
ALTERNATIVES ANALYSIS AND SCHEMATIC DESIGN**

CONSULTANT EVALUATION

Consultant Firms

	MSA	SEH Inc	Strand Assoc	Ayres Assoc	KL Eng
<u>Scored By:</u>					
Eric Rindfleisch City Admin.	92	92	91	88	77
Fred Buehler Financial Srvs Director	75	89	89	81	74
Jarrold Holter City Engineer	86	92	89	82	73
Kevin Schubert Asst. City Engineer	96	88	89	82	76
SCORE TOTALS:	<hr/> 349	<hr/> 361	<hr/> 358	<hr/> 333	<hr/> 300
PROPOSED COMPLETION DATE:	November 2018	December 2018	October 2018	October 2018	November 2018
PROPOSED FEE:	\$37,728	\$54,500	\$55,100 (+ \$9,100 – Optional Traffic Simulation)	\$82,605	\$33,300

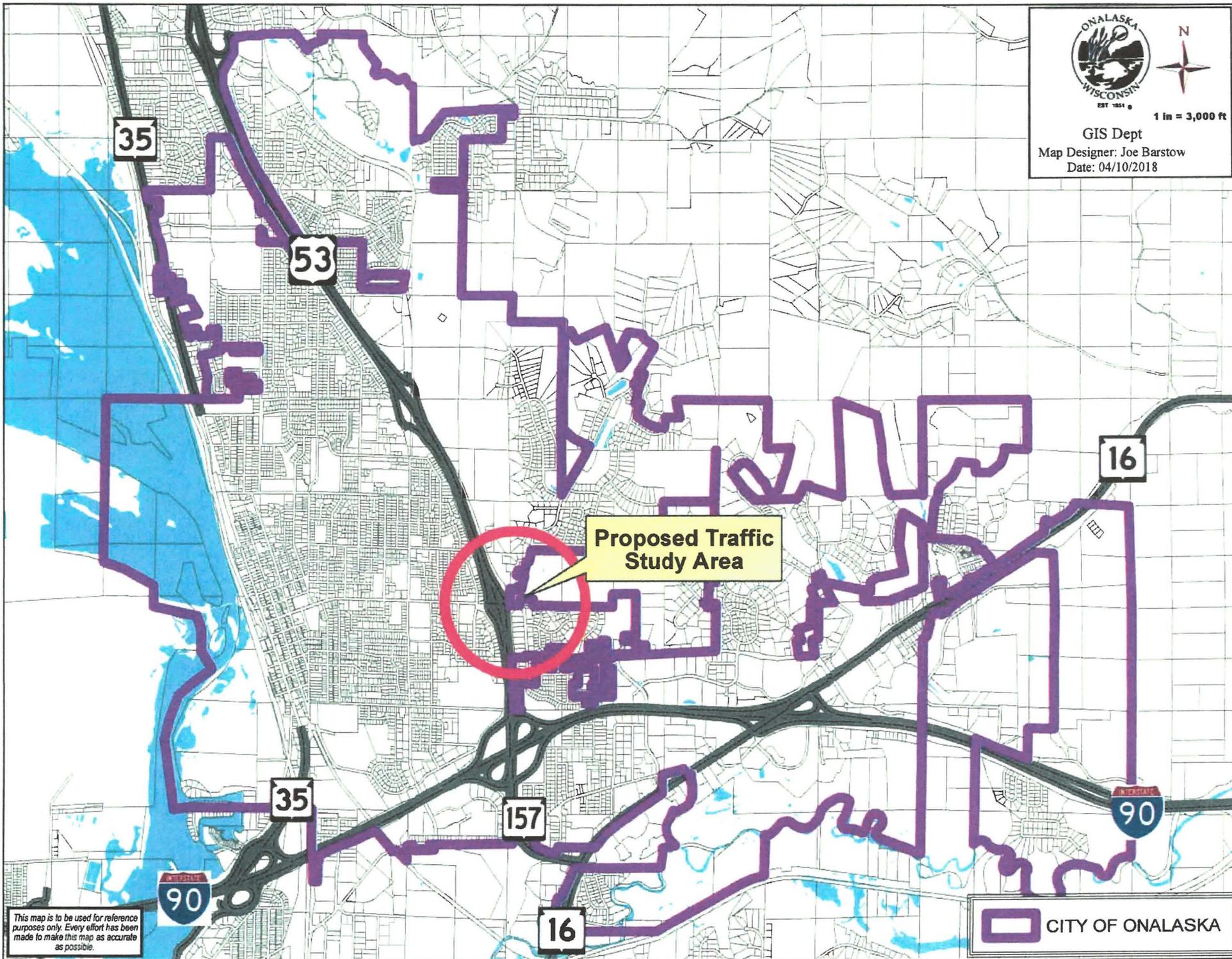


1 in = 3,000 ft

GIS Dept

Map Designer: Joe Barstow

Date: 04/10/2018



Proposed Traffic Study Area

 CITY OF ONALASKA

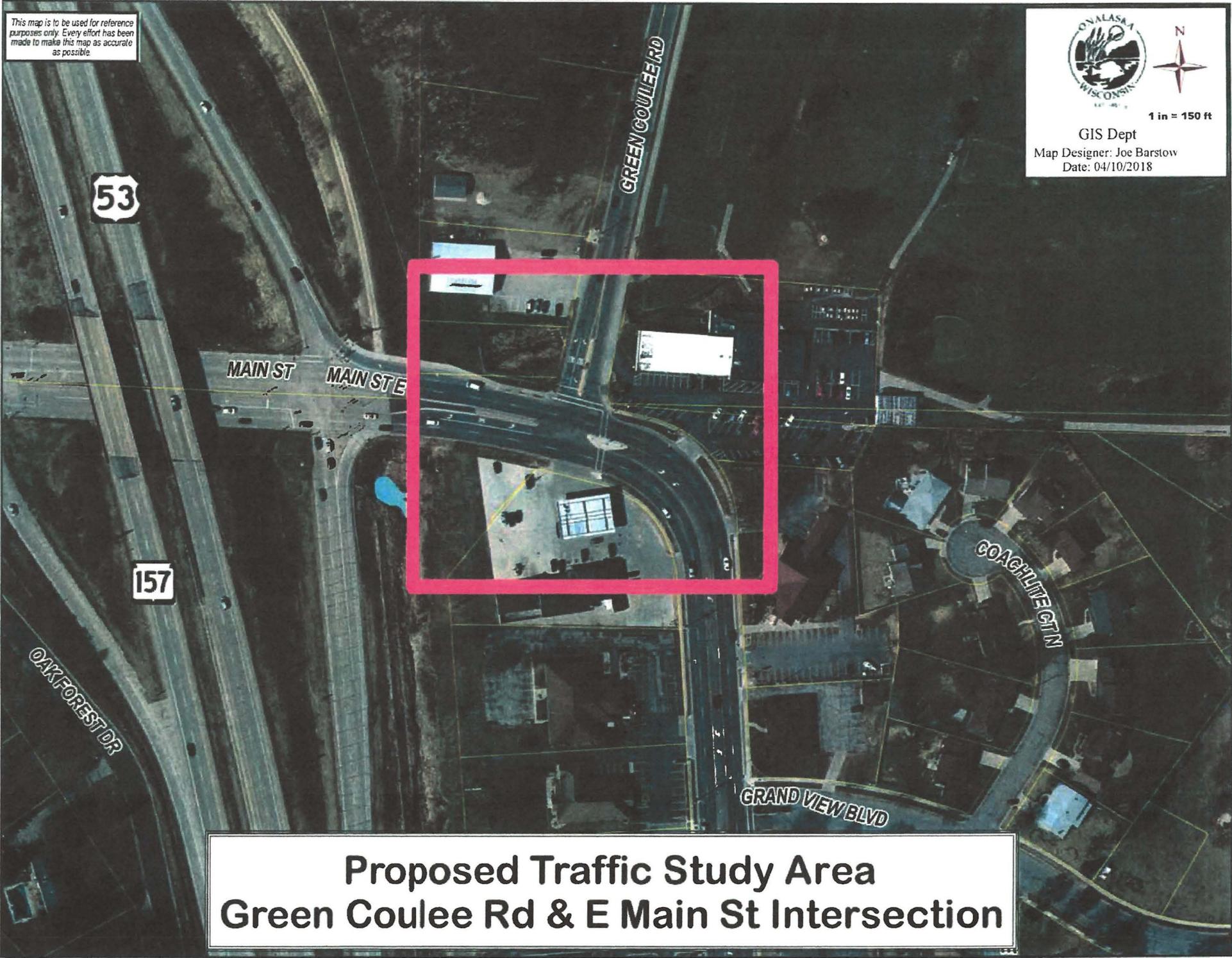
This map is to be used for reference purposes only. Every effort has been made to make this map as accurate as possible.

This map is to be used for reference purposes only. Every effort has been made to make this map as accurate as possible.



1 in = 150 ft

GIS Dept
Map Designer: Joe Barstow
Date: 04/10/2018



**Proposed Traffic Study Area
Green Coulee Rd & E Main St Intersection**

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #15

Project/Item Name: Water system corrosion control

Location: Citywide

Requested Action: Update on corrosion control

Staff Report/Description: Staff has installed testing procedures and testing station for the addition of Orthophosphate into the City water system for corrosion control. Chemical supplier is waiting Wis. DNR approval to begin installation of equipment for Orthophosphate addition to water system.

Attachments: Chemical supplier letter to Wis. DNR and Wis. DNR receipt

HAWKINS, INC. WATER TREATMENT GROUP

1882 Morris Street
Fond du Lac, WI 54935
920-923-1850 Fax-923-0606

May 29, 2018

Wisconsin Department of Natural Resources
101 South Webster Street
P. O. Box 7921
Madison, WI. 53707-7921

Re: City of Onalaska Water Utility Ortho Phosphate Application Systems

Ms. Cathrine Wunderlich

Hawkins Water Treatment Group is working with the Onalaska Water Utility with the installation of Ortho Phosphate application systems 1 at their Four (4) well sites

Enclosed you will find Three (3) copies of the Chemical Feeder Checklist for each of the Four (4) well sites

- Three (3) Water System Approval Request – 3300-260
- Three (3) copies of the Chemical Feeder Checklist for each well site – 3300-227
- Three (3) Water Analysis Reports for each well site
- Three (3) Well house drawing of chemical application equipment layout
- Three (3) Chemical equipment specifications for each well site

We are asking for permission to install the equipment at each well site for the application of an Ortho Phosphate

If you have any questions or need additional information, please do not hesitate to contact me.

Sincerely

David A. Sasada
Project Manager
Hawkins Water Treatment Group
Phone: 920-960-8755
Email: dave.sasada@hawkinsinc.com

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Scott Walker, Governor
Daniel L. Meyer, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



May 11, 2018

CARI BURMASTER – CLERK
CITY OF ONALASKA
415 MAIN STREET
ONALASKA WI 54650

Acknowledgement of Receipt

The Department has received the following plan submittal and request for Department approval in accordance with s. 281.41 Statutes. If you have questions regarding the status of the project review, please contact the listed review engineer.

DATE RECEIVED: 04/24/2018
OWNER: ONALASKA WATERWORKS
SUBMITTING ENGINEER: DAVID A. SASADA
PROJECT TYPE: New Facilities or Equipment
PROJECT DESCRIPTION: Orthophosphate addition at Wells 7, 8, 9 and 10

DNR PROJECT NUMBER: W-2018-0459
DNR REGION: West Central
DNR REVIEWER: Florence Olson
(608) 266-8470
FAX: (608) 267-7650
E-MAIL: florence.olson@wisconsin.gov

Copy To:

DAVID A. SASADA
HAWKINS WATER TREATMENT GROUP
1882 MORRIS STREET
FOND DU LAC WI 54935

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #16

Project/Item Name: South Kinney Coulee Lift Station Project

Location: South Kinney Coulee Road

Requested Action: Approval of C.O. #2

Staff Report/Description: The South Kinney Coulee lift station project is completed and Change Order #2 will final out project. The largest item is emergency assistance during the force main cleaning for adding access points for jetting of the force main.

Attachments: C.O. #2

South Kinney Coulee Pumping Station Rehabilitation

CHANGE ORDER # 2

Contract Date: March 22, 2017

Owner: City of Onalaska
 Contractor: Pember Companies Inc.
 Contract/Project: South Kinney Coulee Pumping Station Rehabilitation

You are directed to make the following changes in the Contract Documents:

Description:

- a) Contract completion date is being extended to reflect addition time needed for Spring restoration items.
- b) Additional cost for Pember Companies assisting the City of Onalaska with emergency forcemain cleaning in the fall of 2017. (\$8,014.44)
- c) Additional cost for extra concrete on the south side of the lift station and valve vault to replace planned asphalt for better installation. (\$1,175.00)
- d) Additional cost for removing an existing culvert. (\$439.00)
- e) Additional cost for upgrading stainless steel from 304 to 316 for railings and bolts. (\$618.71)
- f) Deduction for electrical valve engineering on concrete embedded conduits. (-\$500.00)

Change Order Request

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ 345,000.00
Net Increase from previous Change Orders: \$ 0.00
Contract Price prior to this Change Order: \$ 345,000.00
Net Increase of this Change Order: \$ 9,747.15
Contract Price with all approved Change Orders: \$ 354,747.15

CHANGE IN CONTRACT TIMES:
Original Contract Times: Contract Substantial Comp: September 8, 2017
Net change from previous Change Orders: Contract Substantial Comp: 84 days
Contract Times prior to this Change Order: Contract Substantial Comp: December 1, 2017
Net Increase this Change Order: Contract Substantial Comp: 165 days
Contract Times with all approved Change Orders: Contract Substantial Comp: May 15, 2018

APPROVED:
City of Onalaska

ACCEPTED BY:
Pember Companies Inc.

By: _____
(Authorized Signature)

By: _____
(Authorized Signature)

Date:

Date:

This Effective Date of this Change Order is the date when approved by all parties.

Schubert, Kevin

From: Nicole Bowman <NBowman@pembercompanies.com>
Sent: Thursday, May 24, 2018 1:43 PM
To: Schubert, Kevin
Subject: S. Kinney Coulee Pumping Station
Attachments: Add-Change Work S Kinney Coulee Pumping Station.pdf

Good Afternoon Kevin,

Looking over the extra's this is the list that I have come up with:

- Kish Electric – Value Engineering deduct <-\$500>
- Additional Concrete next to wall \$1,175
- By-passing work w/ the City \$8,014.44
- Upgrade from 304 to 316 (rails/bolts/etc.) \$618.71
- Remove culvert \$439

Total for Change Order = \$ 9,747.15

No deduct from Mathy on Asphalt

No charges on Air Release Valves changes

Any other additional changes that I've missed . . . please let me know otherwise I can send over the final pay application.

Thanks!!

Nicole Bowman

Pember Companies, Inc.

N4449 469th Street

Menomonie, WI 54751

nbowman@pembercompanies.com

Office 715.235.0316 Ext 16

Mobile 715.556.3182

Fax 715.235.9006

Additional Work for City of Onalaska

		<u>Qty/Hours</u>	<u>Unit Price</u>	<u>Extended Price</u>
10/31/2017	<u>Hook-up by passing:</u>			
	Mark	6	\$90.00	\$540.00 6pm-midnight
	Alex	5	\$80.00	\$400.00 6pm-11pm
11/1/2017	<u>Install Tee & Valve:</u> supplied by city			
	Mark	13.5	\$90.00	\$1,215.00 midnight-10:30pm
	(other time was installing Air Valves)			
	Alex	13	\$80.00	\$1,040.00 7am-10pm
	Scott	9	\$80.00	\$720.00
	Scott w/ Skidsteer	5	\$125.00	\$625.00
	Will w/Mini-hoe	10	\$155.00	\$1,550.00
	Will	4	\$80.00	\$320.00
	small tools	12	\$40.00	\$480.00
11/2/2017	<u>Set-up By-Passing:</u>			
	Will	3	\$80.00	\$240.00
11/3/2017	<u>Add 8" pipe, 90 & cap for jetting:</u>			
	Alex	1	\$80.00	\$80.00
	Joel w/ Mini-hoe	1	\$155.00	\$155.00
	Scott	1	\$80.00	\$80.00
	Will	1	\$80.00	\$80.00
	8" parts: 90, cap, bolts	1	\$260.62	\$260.62
	8" D/I pipe - 9 LF	1	\$188.82	\$188.82
	small tools	1	\$40.00	\$40.00
11/7/2017	<u>Swap by-passing</u>			
	Joel w/ mini-hoe	2	\$155.00	\$0.00 no/charge
	Will	2	\$90.00	\$0.00 no/charge
			Total:	\$8,014.44

Onalaska - S Kinny Coulee Pumping Station

Parts - 304SS to 316SS

<u>ITEM:</u>	<u>QTY:</u>	<u>INCREASE VALUE:</u>	<u>EXTENDED PRICE:</u>
3/4" x 3-1/2" hex head bolt 316SS	32	\$1.80	\$57.60
3/4" hex head bolt 316SS	32	\$0.26	\$8.32
5/8" hex head nut 316SS	32	\$0.14	\$4.48
5/8" x 3" hex head bolt 316SS	32	\$1.04	\$33.28
2" 316SS Sch 40 rail pipe	120	\$3.60	\$432.00

SUBTOTAL:	\$535.68
add 10% GC mark-up:	\$53.57
tax:	\$29.46
TOTAL:	\$618.71

S. Kinney Coulee Road – Pumping Station

Remove Metal Culvert

11/27/2017

Will	2hrs	@ \$80	= \$160.00
Joel w/ Bobcat Skidsteer	1hr	@ \$124	= \$124.00
Joel w/ Mini-hoe	1hr	@ \$155	= \$155.00

Total \$439.00



2135 Enterprise Avenue
 PO Box 543
 La Crosse, WI 54602-0543

Request for Change
 WKT075 - S KINNEY COULEE LIFT STATION
 RFC Number: 1
 Date: 05/10/2018

Regarding:
 CHANGES REGARDING VALUE ENGINEERING OPPORTUNITIES

To:
 PEMBER COMPANIES, INC
 N4449 469TH STREET
 MENOMONIE, WI 54751

Job Site:
 S KINNEY COULEE LIFT STATION
 LIFT STATION
 W5281 S KINNEY COULEE ROAD
 ONALASKA, WI 54650

Requested By: KYLE L THESING	Phone: (608) 785-0207	E-mail: kthesing@kischelectric.com
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Recipients: NICOLE BOWMAN	Phone: (715) 235-0316	E-mail: nbowman@pembercompanies.com
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Requested Change: CHANGES REGARDING VALUE ENGINEERING OPPORTUNITIES	Change to Contract \$ -500.00
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RFC Total	\$ -500.00
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Please respond by: 05/11/2018

 KYLE L THESING
 Kish & Sons Electric, Inc.

 NICOLE BOWMAN
 PEMBER COMPANIES, INC

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

June 5, 2018

Agenda Item: #17

Project/Item Name: Public Works Facility security cameras

Location: 252 Mason Street

Requested Action: Approval of quote

Staff Report/Description: Security cameras were included in the 2018 budget for the Public Works Facility. After researching various vendors two quotes were received. It is staff recommendation to move forward with 1st Business Solutions for the project.

Attachments: Quotes

1st Business Solutions, Inc.

Phone: (608) 796-2222
Fax: (608) 796-2269
1021 2nd Ave SW
Onalaska, WI 54650

Quote

No.: **10054**
Date: **4/27/2018**

Prepared for:
John Wiatt (608) 780-8848
City of Onalaska
415 Main Street
Onalaska, WI 54650 U.S.A.

Prepared by: Ryan Van Berkum
Account No.: 136
Phone: (608) 781-9530
Fax: (608) 781-9534
Job: CCTV

Quantity	Part Number	Description	UOM	Sell	Total
1.00	Misc	Samsung NVR - Samsung XRN-3010-20TB	EA	\$4,062.38	\$4,062.38
4	8801089097965	Samsung Camera PNM-9081VQ 5MP X 4 Outdoor Dome	EA	\$1,914.75	\$7,659.00
1	XND-8080RV	Samsung XND-8080RV 5MP Indoor IR Vandal Dome	EA	\$698.62	\$698.62
4	SBP-300KM	Samsung Outside Corner Bracket	EA	\$40.88	\$163.52
4	SBP-329HM	Outdoor cap for the PNM-9080VQ & PNM-9081VQ	EA	\$38.81	\$155.24
4		Outdoor Wall Mount Arm for the PNM-9080VQ & PNM-9081VQ	EA	\$40.88	\$163.52
	Network/Analog				
1	EWMWG242425	Hoffman 24x24"x25" enclosed cabinet w/ glass door	EA	\$611.33	\$611.33
1	NK6PPG24Y	PAN CAT 6 24 PORT PATCH PANEL	EA	\$141.19	\$141.19
5	NK688MBUY	PAN CAT6 JACK BLUE	EA	\$4.20	\$21.00
4	NK2BXEI-A	PAN 2PORT SURF MT BOX	EA	\$1.35	\$5.40
3,000	7133764	Cat 6 CMR	FT	\$0.162	\$486.00
4.00	Misc	Seal-Tite Enclosure, ducting, & parts for outdoor cameras	EA	\$57.50	\$230.00
50	BCH-32	Beeline 2" J Hook	EA	\$2.70	\$135.00
1.00	Misc	Misc Parts, Patch Cables, PoE Equipment	EA	\$400.00	\$400.00
60.00	Labor	Labor	HR	\$60.00	\$3,600.00

Your Price: \$18,532.20

Total: \$18,532.20

Prices are firm until 6/30/2018

Terms: Net 10

Prepared by: Ryan Van Berkum, ryanv@1stbsi.com

Date: 4/27/2018

1st Business Solutions will supply and install a complete Samsung IP camera system in the Onalaska Public Works building. All training and setup is included in this quote. System will be comprised of:

- (1) 64 channel NVR with hot spare drive and 30 days of storage for the quoted cameras
- (4) 20MP multi-sensor outdoor cameras w/ arms covering building exterior entrances and yard access
- (1) 5MP indoor camera covering tool storage area entrance

Quote

No.: **10054**

Date: 4/27/2018

(1) Wall mount data cabinet

*** 3 year warranty on all cameras and NVR ***

City of Onalaska to provide:

- Open ports as required on existing patch panels
- Open ports as required on existing network switches w/ PoE+
- Electrical outlet in the IDF cabinet
- Lift use as needed

Accepted by: _____ **Date:** _____

Disclaimer

This proposal may be withdrawn if not accepted within 30 days. Accepted: The above price, specifications and conditions are satisfactory. You are authorized to do the work described. Payment will be made as indicated below. Upon signing, this proposal becomes a Sales Agreement and is subject to the terms and conditions of this agreement. Cost of material will be due at signing and progressive billing monthly till job complete.

Gorilla Security
 N5076 Wildflower Ln
 West Salem, WI 54669 US
 (608) 799-3629
 ryanwilkes@gorillasecurityllc.com

Estimate



ADDRESS
 mike deline
 City of Onalaska

ESTIMATE # DATE
 1249 05/29/2018

ACTIVITY	QTY	RATE	AMOUNT
CAMERA INSTALL PUBLIC WORKS	1	0.00	0.00
Dahua PTZ 30x zoom 5mega pixel Pan,Tilt,and zoom starlight 30x zoom camera. Color night time video. Iris,tripwire, facial recognition and all other intelligent features. Top of the line camera. 5year warranty. Adapter and mount included.	5	1,270.00	6,350.00
Dahua 360 camera 6 mega pixel 360 camera with infrared night time images. 5 year warranty. Mount and adapter included.	4	625.00	2,500.00
Dahua 4 mega pixel dome Dahua 4 mega pixel dome camera with infrared extra wide field of view.	5	185.00	925.00
Enclosed Rack Navepoint 6u enclosed Rack with glass door and fans.	1	250.00	250.00T
Gigabit Switch 8 Port Full Gigabit Managed POE Switch	2	145.00	290.00T
Plenum Cat6 Wire Plenum rated Cat6 wire 550mhz rohs compliant.	3	275.00	825.00T
Cat6 Connections 1 pack of 100	1	90.00	90.00T
2ft patch cable Cat6 patch cable	16	2.50	40.00T
1080p hdmi over cat 6 extender 1080p hdmi over cat6 extender for monitor in conference room.	1	195.00	195.00
Rack Power supply 9 outlet rack mount power supply/conditioner	1	52.00	52.00T
1u battery back up 500va 1u battery back up	1	175.00	175.00
Dahua 24 channel NVR 24 camera network video recorder. With 14 Terra bytes which should give 32.57 days of recorded footage.	1	2,000.00	2,000.00
2 Tech labor Labor for 1 master low voltage level tech and 1 journeyman level tech.	45	135.00	6,075.00

Items to be provided by the customer: outlet next to camera rack, the use of customers lift, and two network ports on an open switch.

Thank You very much for the business!

Thank you very much for the opportunity to bid on your project, we look forward to building a lasting relationship with you!

SUBTOTAL	19,767.00
TAX (0%)	0.00
TOTAL	\$19,767.00

Accepted By

Accepted Date

Thank You very much for the business!

Gorilla Security
 N5076 Wildflower Ln
 West Salem, WI 54669 US
 (608) 799-3629
 ryanwilkes@gorillasecurityllc.com

Estimate



ADDRESS

mike deline
 City of Onalaska

ESTIMATE #	DATE
1249	05/29/2018

ACTIVITY	QTY	RATE	AMOUNT
CAMERA INSTALL PUBLIC WORKS	1	0.00	0.00
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SUBTOTAL	19,767.00
TAX (0%)	0.00
TOTAL	\$19,767.00

Accepted By

Accepted Date

Thank You very much for the business!

**BOARD OF PUBLIC WORKS
MONTHLY ESTIMATES
June 5, 2018**

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
1. STRAND ASSOCIATES 6th & Quincy Lift Station Design Estimate #4	\$ 59,900.00	\$ -	\$ 18,377.36	\$ 4,347.02
2. STRAND ASSOCIATES 12th/Sand Lake & Main St Traffic Signal Design Estimate #3	\$ 27,900.00	\$ -	\$ 11,540.00	\$ 3,460.00
3. SEH INC. Railroad Quiet Zone study Design Estimate #2	\$ 11,900.00	\$ -	\$ 255.16	\$ 733.47
4. AYRES ASSOCIATES 2018 Air Photo Estimate #1	\$ 22,420.00	\$ -	\$ -	\$ 11,210.00
5. STRAND ASSOCIATES Misc. Engineering Design Estimate #1	\$ 1,000.00	\$ -	\$ -	\$ 684.85
6. MATHY CONSTRUCTION 2018 Pavement Project Construction Estimate #1	\$ 1,184,065.45	\$ -	\$ -	\$ 3,400.00
7. GERKE EXCAVATING 2018 Utility Project Construction Estimate #1	\$ 1,708,611.00	\$ -	\$ -	\$ 150,836.49
8. HOFFMAN & MCNAMARA NURSERY 2018 Urban Forestry Construction Estimate #1	\$ 36,889.00	\$ -	\$ -	\$ 20,657.55

**BOARD OF PUBLIC WORKS
MONTHLY ESTIMATES
June 5, 2018**

9. **PEMBER COMPANIES**
S Kinney Coulee Pumping
Station Rehab Project
Construction
Estimate #5 - FINAL

\$ 345,000.00 \$ 9,747.15 \$ 293,835.00 \$ 49,712.15

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
10. STRAND ASSOCIATES 2018 SCADA Enhancements Design Estimate #2	\$ 19,000.00	\$ -	\$ 836.58	\$ 4,842.83
11. STATE OF WI DOT PH/Braund Street Design - State Plan Review (Project #5991-02-53 & 54) Estimate #11	\$ 50,000.00	\$ -	\$ 23,352.17	\$ 1,702.56
12. GEWALT HAMILTON ASSOCIATES Green Coulee Traffic Count Design Estimate #1	\$ 2,880.00	\$ -	\$ -	\$ 2,880.00