



# STAFF REVIEW SUMMARY

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

July 1, 2014

Agenda Item: #4

Project/Item Name: Parking along Critter Court

Location: Critter Court

Requested Action: Discussion on parking regulations

Staff Report/Description: A request has been made that parking be restored to at least one side of the street.

Attachments: Previous meeting minutes and ordinance

- (j) **Gundersen Drive**  
(1) There shall be no parking, stopping, or standing on both sides of Gundersen Drive.

**Traffic and Parking**

10-1-27

- (kk) **12th Avenue South from Wilson Street to CTY SS**  
(1) There shall be no parking, stopping or standing on the West side of 12<sup>th</sup> Avenue South from Wilson Street to CTY SS
- (ll) **Marcou Road from East Main Street to Emerald Valley Road.**  
(1) There shall be no parking, stopping or standing on the west side of Marcou Road beginning at a point 1,250 feet north of the intersection of East Main Street and Marcou Road, and continuing in a northerly direction of 300 feet.  
(2) There shall be no parking, stopping or standing on the east side of Marcou Road from the intersection of East Main Street and Marcou Road to the intersection of Emerald Valley Road and Marcou Road.
- (mm) **Medary Lane.**  
(1) There shall be no parking, stopping or standing on the north side of Medary Lane from the intersection with East Young Drive to the west eighty (80) feet.
- (nn) **Critter Court.**  
(1) There shall be no parking, stopping or standing on either side of Critter Court south of the intersection with Kinney Coulee Road South.
- (oo) **12th Avenue South from Oak Forest Drive to CTH SS.**  
(1) There shall be no parking, stopping or standing on either sides of 12<sup>th</sup> Avenue South beginning at a point 250 feet north of the intersection of Oak Forest Drive and 12<sup>th</sup> Avenue South to the intersection of CTH SS and 12<sup>th</sup> Avenue South.
- (pp) **Oak Forest Drive.**  
(1) There shall be no parking, stopping or standing on the north side of Oak Forest Drive from the intersection with State Highway 35 to the intersection with Hilltopper Drive to a point 175 feet to the south.  
(2) There shall be no parking, stopping or standing on the south side of Oak Forest Drive from the intersection with State Highway 35 to the intersection with Oak Avenue South to a point 50 feet to the south.
- (qq) **Oak Avenue South.**  
There shall be no parking, stopping or standing on either side of Oak Avenue South between the intersection with Oak Forest Drive and the intersection with the City of Onalaska's municipal boundary.
- (rr) **French Road from Hansen Place to the intersection of Harter Drive and Emerald Drive East.**  
(1) There shall be no parking, stopping or standing on the West side of French Road from Hansen Place to the intersection of Harter Drive and Emerald Drive East.

589  
590 Ron noted that one of the graves had settled and that Les Wing had filled the area.

591  
592 Ron reported that estimates for removing the tree were secured. The cost to remove the tree  
593 would be \$480. The cost to remove the stump would be an additional \$200.

594  
595 Ron said, "After looking at the tree, I think it should come down too. With that crack in it, a  
596 heavy wind at some point in time could cause it to split. And, if it were to fall over, we could  
597 damage a number of gravestones".

598  
599 Ron stated that the bid was "a pretty good bid". Ron reported that the three service would  
600 dismantle the tree and that City crews would haul it away.

601  
602 Motion by Ron Lund, second by Mayor Bialecki, to approve the request to remove a tree from  
603 the cemetery.

604  
605 Under discussion, Mayor Bialecki requested that the tree that is to be removed should be  
606 replaced with another.

607  
608 In response to a question from Mayor Bialecki, Fred reported that the cost to remove the tree  
609 would come from the cemetery fund.

610  
611 On voice vote, motion carried.

612  
613 Item 9 – No Parking on Marcou Road and Critter Court.

614  
615 Ron referred the members to attachment #9, which is a map. Ron explained that the dark line  
616 represents the proposed "No Parking" area. There would be no parking on the east side of Marco  
617 Road from East Main Street up to Emerald Drive and on west side at the sharp corner near the La  
618 Crosse Country Club.

619  
620 Ron reported that in 2003, at the public hearing relating to this project, the City had indicated to  
621 the residents that because there is no sidewalk, the City would designate the east side of the road  
622 as a pedestrian/bicycle path with no parking.

623  
624 Ron reported that the project never had been started and the Country Club recently reminded the  
625 City about the No Parking signs.

626  
627 Motion by Ron Lund, second by Mayor Bialecki, to approve no parking on Marco Road as  
628 indicated on Agenda Attachment 9.

629  
630 Under discussion, Fred asked if the item would be sent on to Administrative & Judiciary

**Board of Public Works  
of the City of Onalaska**  
Tuesday, November 30, 2004  
16

631 Committee in the form of an ordinance. Ron stated that is correct.

632

633 In response to a question from Fred regarding a portion of the area in question being outside of  
634 the City of Onalaska, Ron stated that a small portion of the no parking area would lie outside of  
635 the City limits. Ron indicated that this section is approximately ten feet long and if someone  
636 were to violate the no parking on that particular section, the City could not issue a citation.

637

638 Fred stated that the City Attorney must be advised of this. Fred said, "We can't be imposing a  
639 City ordinance on non-City property".

640

641 Ron suggested language in the ordinance that would state that the 'No Parking' applies to the  
642 area within the City of Onalaska.

643

644 Ald. Leathen asked what would be the cost of the project. Ron explained that the signs would be  
645 placed every 100 to 200 feet. The City would utilize any light poles or power poles available for  
646 posting the signs. Ron added that there would be an itemized accounting of the costs attached to  
647 the ordinance. Ron estimated that the cost of the project would be less than \$300.

648

649 In response to a question from Ald. Leathen, Ron reported that there is money in the budget for  
650 this project. Ron added that the project likely would not be completed in 2004.

651

652 On voice vote, motion carried.

653

654 Ron reminded that at the November 2004 meeting of the Board of Public Works there had been  
655 discussion of other possible No Parking areas, including Gundersen Drive. Ron noted that the  
656 Mayor also had suggested No Parking on South Kinney Coulee Road from Highway 16, past  
657 Gundersen Clinic and to Critter Drive. Ron stated that that area already is designated as No  
658 Parking.

659

660 Mayor Bialecki wished to clarify that he had been referring strictly to Critter Court.

661

662 Ron noted that there had been concerns raised regarding parking along Critter Court for the  
663 proposed office building. Ron noted that Critter Court is narrow.

664

665 Ron referred the members to a map, which indicates no parking on Critter Court on the west side  
666 and around the cul de sac.

667

668 Motion by Ron Lund, second by Mayor Bialecki, to approve a No Parking area on Critter Court  
669 as indicated on Agenda Attachment 10.

670

671 Under discussion, Mayor Bialecki stated that to continue to allow parking on both sides of Critter  
672 Court would have an adverse affect on public safety; particularly in the winter months.

Reviewed December 8, 2004

673  
674 Fred asked if the east side of the street would have to abide by alternate side parking regulations.  
675 Ron noted that there is off-street parking available for most of the east side. Ron added that  
676 there would be no parking on the east side on odd-numbered days.

677  
678 On voice vote, motion carried. Ald. Wulf was absent for the vote.

679  
680 Item 11 – Pay Estimates Mathy Construction Co., Fowler & Hammer, Davy Engineering,  
681 Wisconsin DOT, Viner Construction, and any other contractor/developer:

682  
683  
684 **BOARD OF PUBLIC WORKS**  
685 **MONTHLY ESTIMATES**

686  
687 November 30, 2004

688	<u>Contractor</u>	<u>Due this Estimate</u>
689		
690		
691	1. <b>COUNTRY ROADS CONST.</b>	
692	Misc. Concrete &	
693	Catch Basin Repair	
694	PO #8900	
695	Estimate #2 - Final	\$1,139.60
696		
697	2. <b>COUNTRY ROADS CONST.</b>	
698	Misc. Concrete Around	
699	City for Water Leaks	
700	PO #8902	
701	Estimate #3 – Final	\$1,765.12
702		
703	3. <b>COUNTRY ROADS CONST.</b>	
704	2005 Sidewalk	
705	Contract	
706	Estimate #3 – Final	\$10,246.71
707		
708	4. <b>COUNTRY ROADS CONST.</b>	
709	Misc. Concrete Work	
710	PO #8901	
711	Estimate #4 – Final	\$986.90
712		
713	5. <b>L.W. ALLEN</b>	
714	Gundersen Drive	

Reviewed December 8, 2004

**Common Council  
of the City of Onalaska**  
Tuesday, December 14, 2004  
27

1093

1094 G - No parking on Marcou Road, Critter Court, PH, and Gundersen Drive.

1095

1096 Motion by Ald. Leathen, second by Ald. Gonczy, to approve No Parking on Marcou Road,  
1097 Critter Court, PH and Gundersen Drive. On voice vote, motion carried five to zero. Ald. Wulf  
1098 was absent for the vote.

1099

1100 I - 5-year Capital Improvement Plan.

1101

1102 Motion by Ald. Leathen, second by Ald. Gonczy, to set pass on the 5-year Capital Improvement  
1103 Plan to public hearing, which is scheduled for January 4, 2005 at 6:30 p.m.

1104

1105 Under discussion, Mayor Bialecki noted that the improvement costs for S and Marcou Road are  
1106 included. Mayor Bialecki directed that, in advance of the public hearing, there should be more  
1107 detail on cost sharing, "That would be not just for Empire Screen, but also potential residents that  
1108 now live in that area that would choose to annex". Mayor Bialecki directed that, in advance of  
1109 the public hearing, more information should be gathered regarding grant opportunities.

1110

1111 Ald. Giese asked if the Common Council had received additional information regarding Capital  
1112 Improvements. Fred reported that on Friday, December 10, 2004, the members had received a  
1113 packet of information. The information in that packet is what is to be published in the Friday,  
1114 December 17, 2004 edition of the newspaper. The posting states that a public hearing will be  
1115 held on Tuesday, January 4, 2005 at 6:30 p.m. Fred noted that the packet also includes  
1116 information from Jason Gilman regarding potential grants.

1117

1118 Ron noted that he had distributed a report printed on 8.5" x 14" paper. This report includes  
1119 figures compiled by Jason Gilman regarding the potential cost to Empire, abutting residents and  
1120 the City of Onalaska. Ron reported that the Board of Public Works would consider how costs  
1121 could be divided.

1122

1123 On voice vote, motion carried.

1124

1125 J - Street light request for Wellington Greens.

1126

1127 Ald. Leathen reported that the residents of Wellington Greens have requested approval for the  
1128 installation of streetlights. A bid was received from Riverland Energy in the amount of \$800.

1129

1130 Motion by Ald. Leathen, second by Ald. Gonczy, to approve the request for streetlights for  
1131 Wellington Greens in the amount of \$800.

1132

1133 Under discussion, Ald. Gonczy asked from where would those funds come.

1134

295 YMCA property and one light pole that would abut the Eagle Storage addition.

296

297 Ron reported that he had contacted Bill Soper of the YMCA regarding the issue. Ron said,  
298 "Technically, if we do not have the improvement complete, it's difficult to assess somebody for  
299 it. So, what Bill Soper would like to see is – they don't have any problem with the assessment –  
300 but they'd like to see almost another assessment beyond the one they have now, which is for the  
301 sewer, the water, the street, etc.; just a brand new assessment that's called 'street lights'. When  
302 the lights come in with the final costs that they would be assessed for and they would be given a  
303 time period to pay that off in... I think it maybe is a good way to do this".

304

305 In response to a question from Fred, Ron explained that on Exhibit 8, the triangle represent  
306 existing lights and the circles represent proposed lights. Ron reported that the lights under  
307 consideration are those six lying on the right side of the exhibit. The seventh light (represented  
308 by a circle) was to have been installed by Riverland Energy but inadvertently was not completed.  
309 Riverland Energy will install that light at no cost.

310

311 Fred recommended that the City Attorney should review this issue with regard to setting  
312 precedence.

313

314 Ron reported that the YMCA would be willing to sign a waiver regarding public hearing for  
315 future assessments. This would allow the City to assess for the street lights when the final costs  
316 come in.

317

318 Motion by Ald. Gonczy, second by Mayor Bialecki, to table the item for 30 days to allow time  
319 for the City Attorney to review the issue. On voice vote, motion carried.

320

321 Item 9 – No Parking:

322

323 A. Trade Place cul-de-sac.

324

325 Ron reported that an email was received from business owner on Trade Place. The email states  
326 that employees from adjacent businesses park on the street, which makes it difficult to enter or  
327 exit the driveway in the event of a snowfall. Ron referred to Exhibit 9, which indicates that part  
328 of the Trade Place cul-de-sac that is proposed for No Parking.

329

330 Ron suggested that a public informational meeting on the issue could be scheduled for the next  
331 Board of Public Works meeting.

332

333 Fred asked if it were correct that No Parking does not apply to cul-de-sacs. Ron stated that  
334 parking is allowed on cul-de-sac unless expressly prohibited. Fred asked if there were alternate-  
335 side parking on cul-de-sac. Ron explained that alternate side parking on cul-de-sacs is based on  
336 the house number.

337

338 Motion by Ald. Gonczy, second by Mayor Bialecki, to set a public information meeting for the  
339 next Board of Public Works meeting, regarding the parking issues at Trade Place, and to notify  
340 the abutting property owners of the meeting. On voice vote, motion carried.

341

342 B. East side of Critter Court.

343

344 Ron reminded that approximately 6 to 9 months ago, there had been a request for no parking on  
345 the east side of Critter Court. Ron explained that the professional building on Gundersen Drive  
346 does not have sufficient employee parking. Ron said, "What it appears is happening – according  
347 to Maury Mertz – is that these people don't want to walk over to the parking ramp, so they're  
348 looking for the closest place they can park, and that's ends up being Critter Court. And, what is  
349 happening now, because we restricted the parking on the entire west side and around the cul-de-  
350 sac on Critter Court, they are parking now on the east side of Critter Court. And they are parking  
351 so close to the driveway entrances to (the businesses) that now the dental office and the office  
352 people on Critter Court are complaining. This request is coming from John Sopher. He's  
353 somehow affiliated with those buildings on the east side".

354

355 Ron recommended holding a public information meeting at the next meeting of the Board of  
356 Public Works.

357

358 Fred noted that Critter Court is some distance from the parking ramp.

359

360 Ald. Gonczy stated that he has observed that there is a great deal of cars parked on Critter Court.  
361 Ald. Gonczy said, "That is jammed and that parking lot is jammed and you go over to our new  
362 \$6 million parking ramp and there's nobody in it. That was one of the reasons we did it now  
363 we're inconveniencing businesses that are over there. So, I kind of can see the point".

364

365 Fred responded, "I just want to make sure that we don't do like the high school and just move it  
366 from 'here' to 'here' to 'here'".

367

368 Ald. Gonczy said, "We shouldn't have built the ramp then, if we had all this street parking".

369

370 Fred noted that parking is not allowed on South Kinney Coulee Road.

371

372 Ald. Gonczy said, "We built them a ramp. Let them use the ramp".

373

374 Fred responded, "I totally agree. I just want to make sure we're not just moving the problem to  
375 another location".

376

377 Mayor Bialecki stated that he would like to hear Maury Mertz' comment on the subject. Mayor  
378 Bialecki said, "The original intent of that ramp was for the general public. Not their employees".

379

380 Mayor Bialecki recommended that Maury Mertz be asked to attend the February 2006 meeting  
381 of the Board of Public Works and that Maury present the long-range parking plans for the  
382 Technology Center.

383

384 Ron reported that Maury has posted notices requesting that employees use the ramp, but  
385 Gundersen Lutheran has not power to force employees to use the ramp rather than parking  
386 elsewhere.

387

388 Ald. Leathen noted that Critter Court is a narrow road and parked cars can create a hazard. Ald.  
389 Leathen said, "I'm going to be strongly in favor of making it a No Parking zone. But, I think we  
390 need to go through the proper procedure there".

391

392 In response to a question from Fred, Ron confirmed that the businesses located on Critter Court  
393 have ample parking for their own use. Ron added that so many other cars are parking along  
394 Critter Court that it is difficult for business employees and patrons to enter and exit the  
395 driveways.

396

397 Motion by Ald. Goncezy, second by Mayor Bialecki, to set a public information meeting for the  
398 next Board of Public Works meeting, regarding the parking issues at Critter Court, and to notify  
399 the abutting property owners of the meeting. On voice vote, motion carried.

400

401 Item 11 -- 2<sup>nd</sup> Avenue/State Trunk Highway 35 update and proposed meeting dates.

402

403 Ron reported that a meeting with the Wisconsin Department of Transportation is scheduled for  
404 January 18, 2006 from 11:30 a.m. to 3:00 p.m. at the Wisconsin Department of Transportation  
405 office on Mormon Coulee Road. The Department of Transportation has requested that Ron,  
406 Jason Gilman, Jarrod Holter and any other interested City parties attend the meeting. The  
407 purpose of the meeting will be to discuss the intersection of Main Street and Second Avenue and  
408 the width of the street on Second Avenue north of Main Street.

409

410 Ron reported that a public hearing on the subject would be held in March 2006.

411

412 Ron stated that he would report on the meeting at the February 2006 meeting of the Board of  
413 Public Works.

414

415 Jarrod distributed to the members copies of comments from residents that attended that last  
416 informational meeting.

417

418 Item 12 -- Possible control of mercury through the City wastewater collection system.

419

420 Ald. Leathen referred the members to Exhibit #12, which is a letter from the City of La Crosse

**Board of Public Works  
of the City of Onalaska**  
Tuesday, February 7, 2006  
1

1 The Meeting of the Board of Public Works of the City of Onalaska was called to order at 6:32  
2 p.m. on Tuesday, February 7, 2006. It was noted that the meeting had been announced and a  
3 notice posted at City Hall.

4  
5 Roll call was taken with the following members present: Ald. Bill Leathen, Public Works  
6 Director Ron Lund, Mayor Jim Bialecki, and Financial Services Director Fred Buehler. Assistant  
7 City Engineer Jarrod Holter also was present. Ald. Leathen noted that at the time of roll call,  
8 Ald. Gary Gonczy was attending another meeting and would join this meeting in progress.

9  
10 Item 2 - Approval of minutes from previous meeting.

11  
12 Motion by Ald. Leathen, second by Mayor Bialecki, to approve the minutes from the previous  
13 meeting as printed and on file in the City Clerk's Office. On voice vote, motion carried.

14  
15 **Consideration and possible action on the following items:**

16  
17 Item 3 – Public Hearing – Regarding No Parking.

18  
19 A. Trade Place cul-de-sac.

20 B. East side of Critter Court.

21  
22 Ald. Leathen declared the public hearing open and called three times for anyone wishing to  
23 speak in favor of No Parking on the Trade Place cul-de-sac or on the east side of Critter Court.  
24 Hearing none, Ald. Leathen called three times for anyone wishing to speak in opposition to No  
25 Parking on the Trade Place cul-de-sac or on the east side of Critter Court. Hearing none, Ald.  
26 Leathen declared the public hearing closed.

27  
28 Motion by Mayor Bialecki, second by Ald. Leathen, to ban parking on the Trade Place cul-de-  
29 sac as depicted in the drawing on display at this public hearing. On voice vote, motion carried.

30  
31 Motion by Mayor Bialecki, second by Ald. Leathen, to ban parking on the east side of Critter  
32 Court as depicted in the drawing on display at this public hearing.

33  
34 Under discussion, Ald. Leathen reported that he had spoken to the tenants of the dental clinic on  
35 Critter Court and that the tenants are in favor of No Parking on the east side of Critter Court.

36  
37 On voice vote, motion carried.

38  
39 Mayor Bialecki recommended that Agenda Items 4, 5, and 7 should be delayed until Public  
40 Works Director Ron Lund was in attendance. There was no objection.

41  
42 Item 6– Pay Estimates: Wisconsin Department of Transportation, Mathy Construction Company,

Reviewed 2-10-06

757 Item 9 - BOARD OF PUBLIC WORKS:

758

759 A. No Parking.

760

761 1. Trade Place cul-de-sac.

762

763 Motion by Ald. Leathen, second by Ald. Wulf, to approve No Parking on Trade Place cul-de-sac.  
764 On voice vote, motion carried.

765

766 2. East side of Critter Court.

767

768 Motion by Ald. Leathen, second by Ald. Smith, to approve No Parking on the east side of Critter  
769 Court. On voice vote, motion carried.

770

771 B. S.E.H. presentation on Water System Report.

772

773 Ald. Leathen reported that S.E.H. has conducted a comprehensive review of the City's water  
774 system. Ald. Leathen said, "Basically, we are well set for the future. There are going to be some  
775 changes in the system to address some water age issues that the City has. That will be proceeding  
776 onward".

777

778 C. 2<sup>nd</sup> Avenue/State Highway 35 design options and Wisconsin Department of Transportation  
779 project agreement.

780

781 Motion by Ald. Leathen, second by Ald. Olson, to tentatively recommend the 2<sup>nd</sup> Avenue/State  
782 Highway 35 design options and the Wisconsin Department of Transportation project agreement  
783 contingent upon certain items such as the payback of the loan from the State of Wisconsin.

784

785 Under discussion, Mayor Bialecki noted that the State suggests that the City of Onalaska borrow  
786 money for the project for a short term – perhaps six months – before the State would reimburse  
787 the City. Mayor Bialecki reported that the City is requesting a date certain for repayment before  
788 the agreement is approved.

789

790 Mayor Bialecki reported that a correspondence had been received from La Crosse County  
791 requesting \$50,000 for the land plus \$25,000 towards another project. The \$25,000 project has  
792 been dropped at this time, but may come up again in the future. This will be acted upon at the  
793 Thursday, February 16, 2006 County Board meeting.

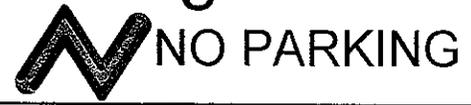
794

795 Fred noted that the Board of Public Works sent this item forward to the Common Council  
796 without recommendation.

797

798 Fred requested tabling the item.

# Proposed Removal of No Parking Restrictions

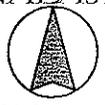


**KINNEY COULEE RD S**

**GUNDERSEN DR -**

**CRITTER CT**

City of  
**ONALASKA**



GIS Department

Map Designer: Joe Barton

Print Date: 2014

Last Updated: Jan 2014

Not to Scale

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

July 1, 2014

Agenda Item: #5

Project/Item Name: Parking along STH 35 / 2<sup>nd</sup> Ave.

Location: STH 35 / 2<sup>nd</sup> Ave.

Requested Action: Discussion on parking regulations

Staff Report/Description: Parking regulations for area on STH 35 / 2<sup>nd</sup> Ave. between Locust Street and Poplar Street have not been updated since new roadway was installed in 2012. New roadway is not designed to accommodate any parking along roadway with addition of bike lane.

Attachments: Map

# Proposed No Parking Restriction

City of  
**ONALASKA**



GIS Department

Map Designer: Joe Bastian

Print Date: 2014

Last Updated: Jan 2014

Scale: 1" = 300'

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

POPLAR ST

PEARL ST

JOHN ST

BROWN ST

2ND AVENUE N

3RD AVENUE N

SHAWNEE ST

LOCUST ST

KING ST

**2nd Ave N:  
Poplar St to Locust St**



Proposed NO PARKING



Existing NO PARKING  
on 2nd Ave N

# STAFF REVIEW SUMMARY

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

July 1, 2014

Agenda Item: #6

Project/Item Name: Boiler replacement at Omni Center

Location: Omni Center

Requested Action: Discussion on boiler replacement

Staff Report/Description: The existing arena #1 boiler is beyond its service life. The present unit is in need of major repairs to keep in service and should be replaced. HSR Associates was contacted to give the City options regarding replacement. With boilers in multiple areas of the building a consolidation of boilers is recommended for increased efficiency and redundancy. Park board has recommended alternative solution #2. Funding has been budgeted in 2014 capital improvements budget for chiller system upgrades that staff feels should be redirected to the boiler replacement.

Attachments: Proposal



HSR Associates, Inc.  
La Crosse, Wisconsin



Statement of Qualifications

Submitted To:

City of Onalaska  
Onalaska, Wisconsin

Regarding:

Onalaska OmniCenter  
Boiler Replacement

June 17, 2014





HSR Associates  
100 Milwaukee Street  
La Crosse, Wisconsin 54603  
608.784.1830 fax 608.782.5844  
www.hsrassociates.com

ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN

June 17, 2014

City of Onalaska  
Parks and Recreation  
OmniCenter  
Onalaska, Wisconsin 54650

Attention: Dan Wick, Park & Recreation Director

Reference: OmniCenter Boiler Replacement

Dear Dan:

HSR Associates is pleased to submit to you a proposal for the OmniCenter boiler replacement. The Ajax boiler that was installed with the original building has many problems with the tubes and the piping. Based on the age, the boiler should be replaced as compared to repaired.

HSR has a long history of boiler replacement projects over our 60 year history of the firm. Over the life of the Ajax boiler, advances in boiler efficiency have made that boiler at the OmniCenter obsolete. From the present boiler nameplate, the boiler gas input is 2,225 MBH and the output is 1,800 MBH output. The firing efficiency should have been around 80% when new, but with the incorrect piping and short cycling, the actual efficiency was probably less than 70%.

The Thermal Solutions boilers that were installed in the last addition were far more efficient (86%) than the Ajax boiler but the Thermal Solutions boiler type is still non-condensing and could be even more efficient, if a condensing style boiler is installed. Condensing style boilers could be between 5-8% more efficient than non-condensing. To achieve the higher efficiency, the hot water return temperature must be less than 120F.

There are three possible solutions for the boiler replacement:

1. Replace the Ajax boiler with a boiler of similar size and 86% efficiency in the same location. I would not recommend this solution because the efficiency is so poor and a single boiler at this location still leave the City in the present risky situation of no heat once the single boiler fails. **The cost estimate would be about \$90,000.**
2. Replace the Ajax boiler with a single boiler of similar size, but with higher efficiency (90%+). This alternative will have better performance but still leaves the City in the high risk area of only a single boiler. **The cost estimate would be about \$100,000.**
3. Replace the Ajax boiler with multiple boilers with the higher efficiency (90%+) at the present location. This satisfies the higher efficiency and the standby capacity, but there are alternatives that solve more issues. **The cost estimate would be about \$161,000.**

Alternative solutions for the boiler replacement:

1. Locate the replacement boiler adjacent the two present Thermal Solutions Boilers. This alternative would satisfy the replacement at a better 86% efficiency (but not condensing) and the necessary standby capacity. This alternative requires the interconnection of the hot water heating piping between the two boiler rooms. **The cost estimate would be about \$188,000.**

2. An improvement to the above solution would be to provide a condensing style boiler as the replacement. This would greatly improve the efficiency of the failed Ajax boiler and also improve the efficiency of the present Thermal Solutions boiler that are not condensing style. **The cost estimate would be about \$200,000.**
3. In the future, adding a heat pump into the chilled water piping would provide the ability to recover the condenser heat and assist the heating boilers. Recovering the condenser heat should be about 3 times more efficient than even the best condensing style boiler.

The best solution is the installation of a new condensing style boiler adjacent the Thermal Solutions boilers in the latest expansion boiler room. Hot water supply and return piping will need to be extended to the original boiler room to interface the two phases. This interconnection is expensive, but will permit the high efficiency condensing boiler to be utilized for both phases.

If the new condensing style boiler is capable of saving 20% of the Arena One gas cost and 5% of the Arena Two gas consumption, the conservative combined savings should be in the range of \$5,000 per year.

For the 5 alternative solutions, the payback range for the higher efficiency condensing boiler is from 3 years in the original boiler room without standby capability to 25 years in the expansion boiler room when compared to the least efficient boiler in the original boiler room.

The Ajax boiler has failed, therefore, I believe that this project qualifies as a remedial replacement as compared to a Capital Improvement project. If the boiler manufacturing period is 8 weeks, the boiler project needs to proceed immediately to have heat available this fall.

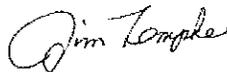
The domestic hot water heater in the original boiler room is also a candidate for immediate replacement, but, for the moment, isn't part of the boiler replacement costs unless the City would like to proceed with that work also. The main issue with the domestic water heater is the need for warmer water for the kitchen dishwashing.

There are several additional ideas for using condenser heat that will improve the system efficiency that could be construed as Capital Improvement projects and should be part of a long term Master Plan.

All of the cost estimates include a 10% Contingency and a 10% Engineering Fee.

If you have any questions, please call.

Sincerely,



Jim Tempke

Cc: Jarrod Holter (City Engineer)

# ■ Contact and Firm History

---

## **Firm Name, Address and Contact Person**

**HSR Associates, Inc.**  
100 Milwaukee Street  
LaCrosse, Wisconsin 54603  
[www.hsrassociates.com](http://www.hsrassociates.com)

**Jim Tempke, P.E.**  
Senior Associate  
Mechanical Engineer, Department Head

## **Telephone, Fax and E-mail Numbers**

**Phone:** 608.784.1830  
**Fax:** 608.782.5844  
**E-mail:** [jtempke@hsrassociates.com](mailto:jtempke@hsrassociates.com)

HSR Associates is a full service architectural, interior design, landscape architecture and engineering firm, established in LaCrosse, Wisconsin in 1953.

Our staff of professionals includes architectural, engineering, construction administration and interior design staff members.

We are experts at meeting client objectives. As a result, we enjoy a high percentage of commissions through repeat clients. Our clients are our partners, and we share the responsibility of creating solutions that work.

The quality of our work becomes tangible with each project we build. Each element of the project receives equal attention to quality, from concept design through construction administration.

HSR is a leader in sustainability for the built environment with numerous LEED certified projects. Our designs reflect concern for the man made surroundings and the human activities that take place in them.

We enjoy the process because we practice good project management. We are very organized and backed by the resources to do great work.

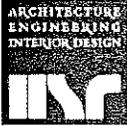
As a Wisconsin corporation, HSR's program for firm perpetuation and ownership assures clients of continuous and consistent service with several directors involved in every project.



## ■ Specific Services

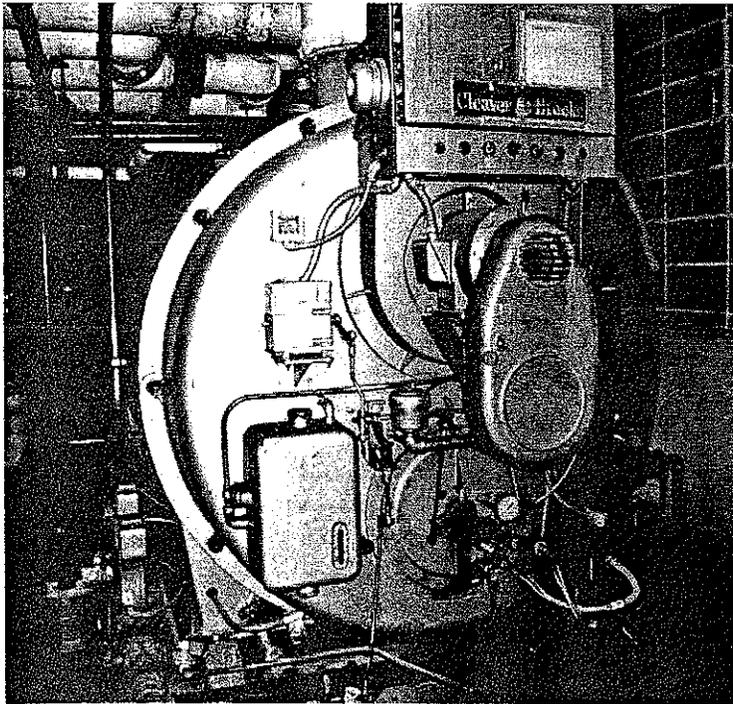
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- **Mechanical Engineering.** Heating, ventilation, air conditioning (HVAC), plumbing, fire protection and site utilities.
  - **Electrical Engineering.** Communications, wiring, lighting design and electronics.
  - **Design Architecture.** Concepts, total design and specification preparation for buildings, complexes and building renovation.
  - **Planning.** Feasibility studies, space needs, adaptive reuse analyses, interior space planning and space programming.
  - **Pre-referendum Planning.** Assisting communities and school districts with understanding facility needs and conveying the information to the public with successful results.
  - **Landscape Architecture.** Site development and landscaping, site use master planning. Our staff includes one registered landscape architect.
  - **Site Planning and Design.** Campus planning, site selection master planning and parking studies.
  - **Civil and Structural Engineering.** Site civil engineering installations and structural engineering for buildings.
  - **Sustainable Design and Engineering.** LEED Certification, energy conscious design, retrofit and management.
  - **Interior Design.** Concepts, space planning and materials selection, cost estimating for installation plans, project management, furnishings, fixtures, equipment (FF&E), colors, signage and physical relocation assistance/coordination.
  - **Cost Estimating and Scheduling.** Analysis for life cycle costing, cost/benefit analysis, conceptual budgets, detailed cost estimating and facility management.
  - **Construction Administration.** Site observation, color and materials schedules, shop drawing review, field testing, field observation coordination, progress reports, contractor payment certification and post occupancy follow up.
  - **Print Shop and Graphics Department.** Utilizing high speed, high quality printing capabilities unequalled in the Western Wisconsin area.
- 
- 



HSR Associates, Inc.  
La Crosse, Wisconsin

## City of LaCrosse LaCrosse Public Library Boiler Replacement LaCrosse, Wisconsin

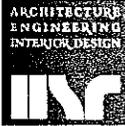


The existing Cleaver Brooks boiler that was replaced had a firing efficiency of about 60%.

High efficiency boilers. The two boilers on the right, in the photo above, fire at 88% and the left boiler is a condensing style at over 90% efficiency. The LaCrosse Public Library will save 25% in heating costs after the first year of operation with the new boilers.

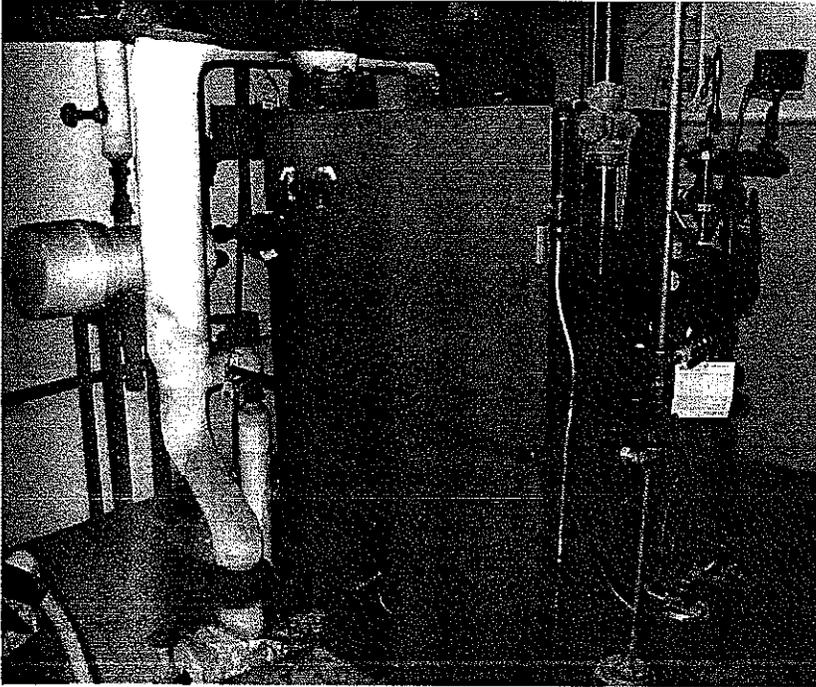
A subsequent energy project upgraded the controls from pneumatic to direct digital control. The airside system was converted from constant volume to variable air volume.

LaCrosse Public Library  
Kelly Krieg-Sigman, Library Director  
608.789-7123  
Tom Sleik, President Library Board  
of Directors  
608.784.3540  
Completed 2010  
Project Cost - \$330,000

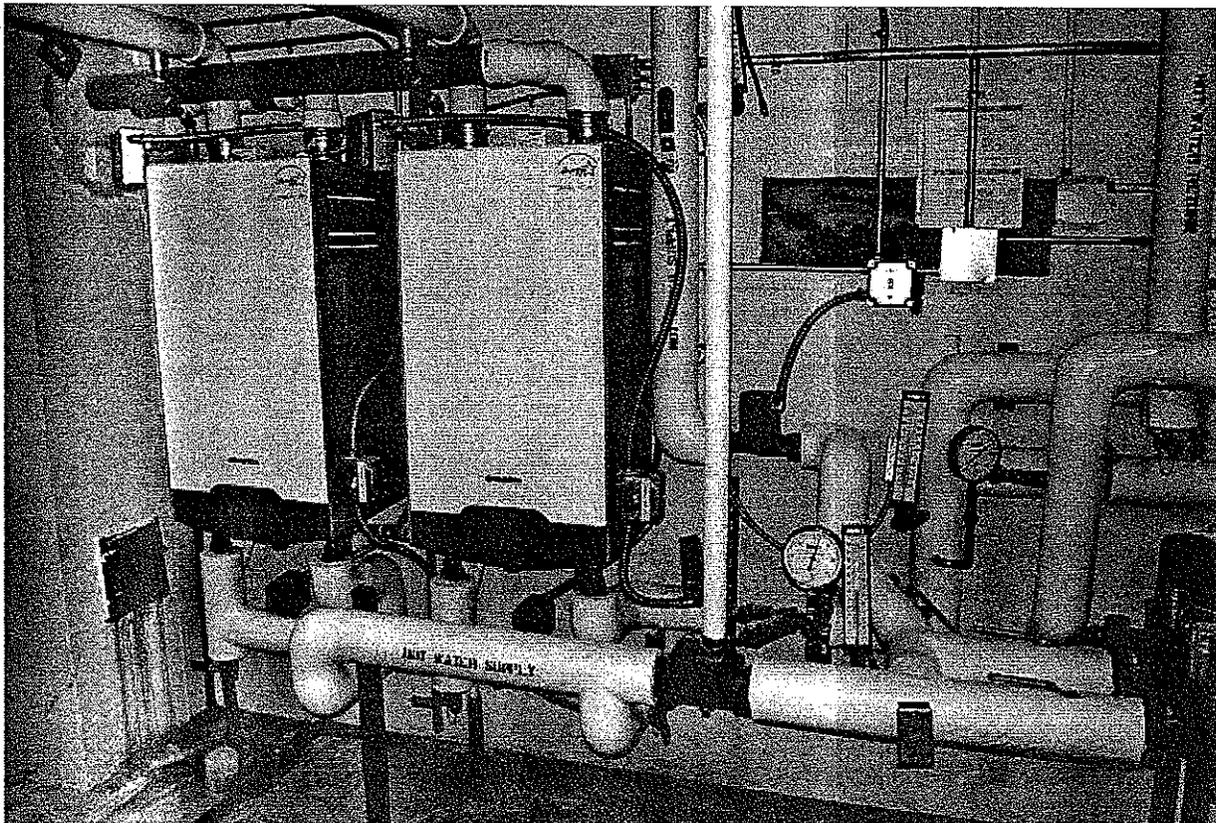


HSR Associates, Inc.  
La Crosse, Wisconsin

# City of LaCrosse LaCrosse Public Library Boiler Replacement LaCrosse, Wisconsin



Before

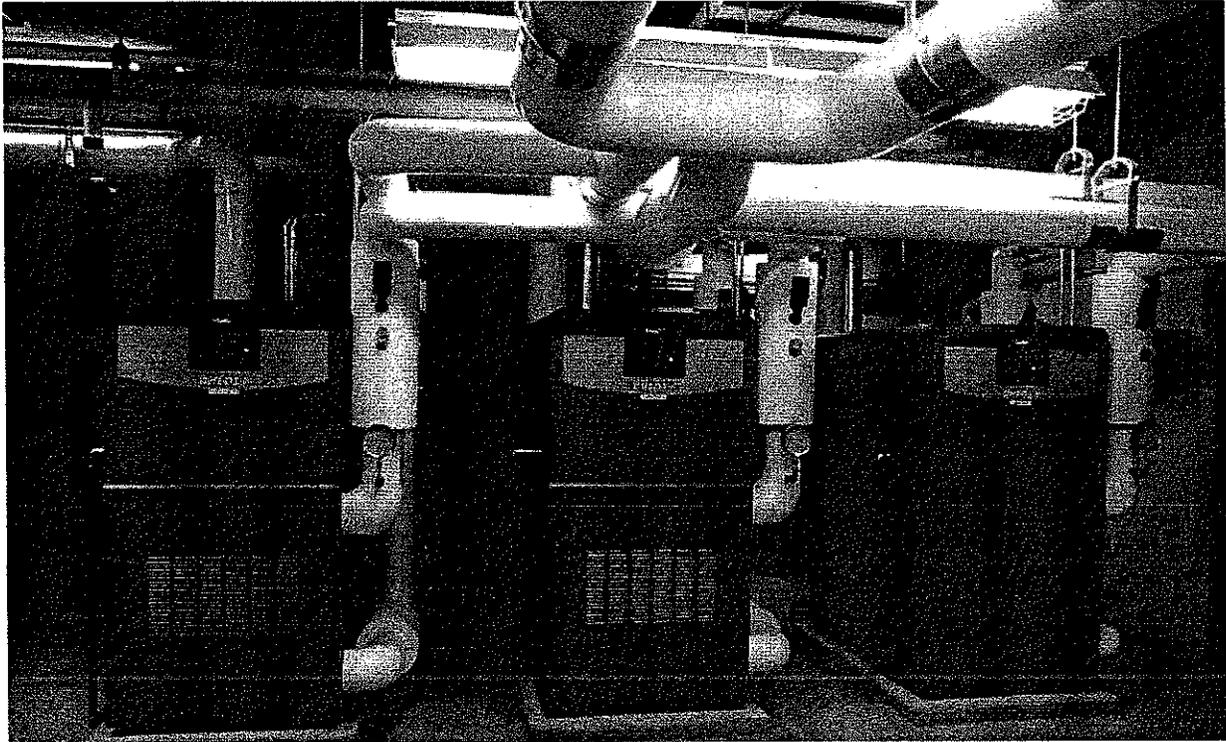


After

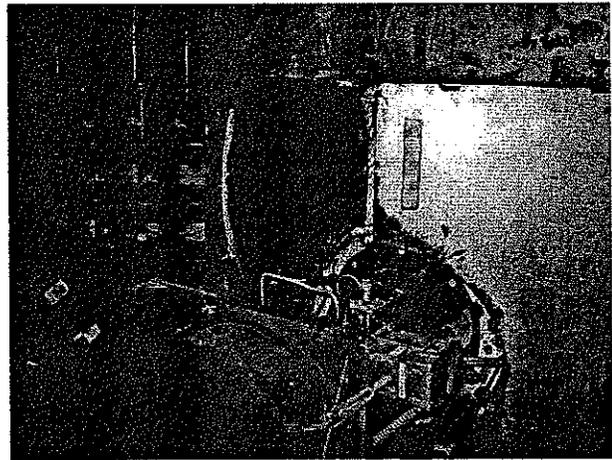
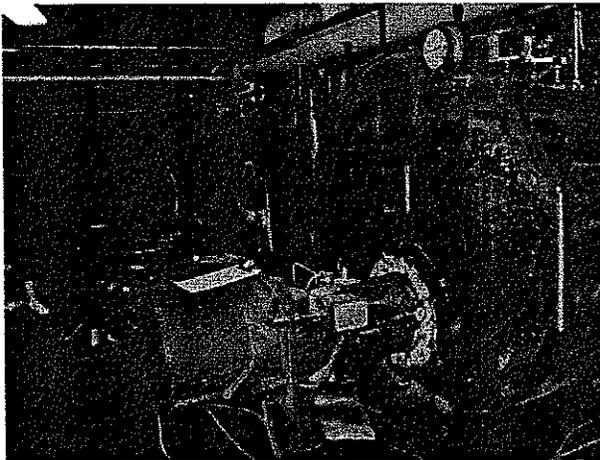


HSR Associates, Inc.  
La Crosse, Wisconsin

# School District of West Salem West Salem Schools Boiler Replacement West Salem, Wisconsin



New Boiler



Aging steam boilers were replaced by new hot water condensing boilers.

School District of West Salem  
Troy Gunderson, Superintendent  
608-786-0700  
Completed August 2012  
Project Cost - \$143,500

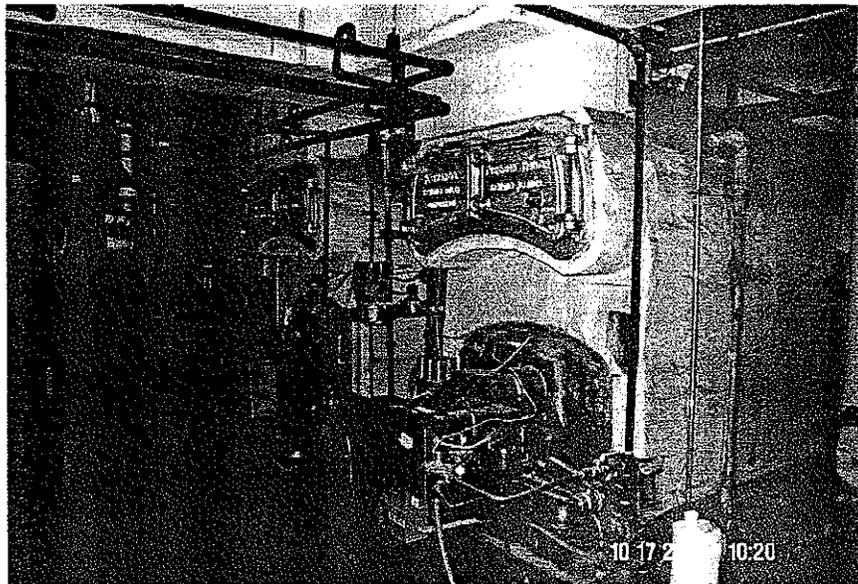
# Gale-Ettrick-Trempealeau School District High School Boiler Replacement

Galesville, Wisconsin



New Boiler System

Ageing steam boilers re-  
placed by new hot water  
condensing boilers.

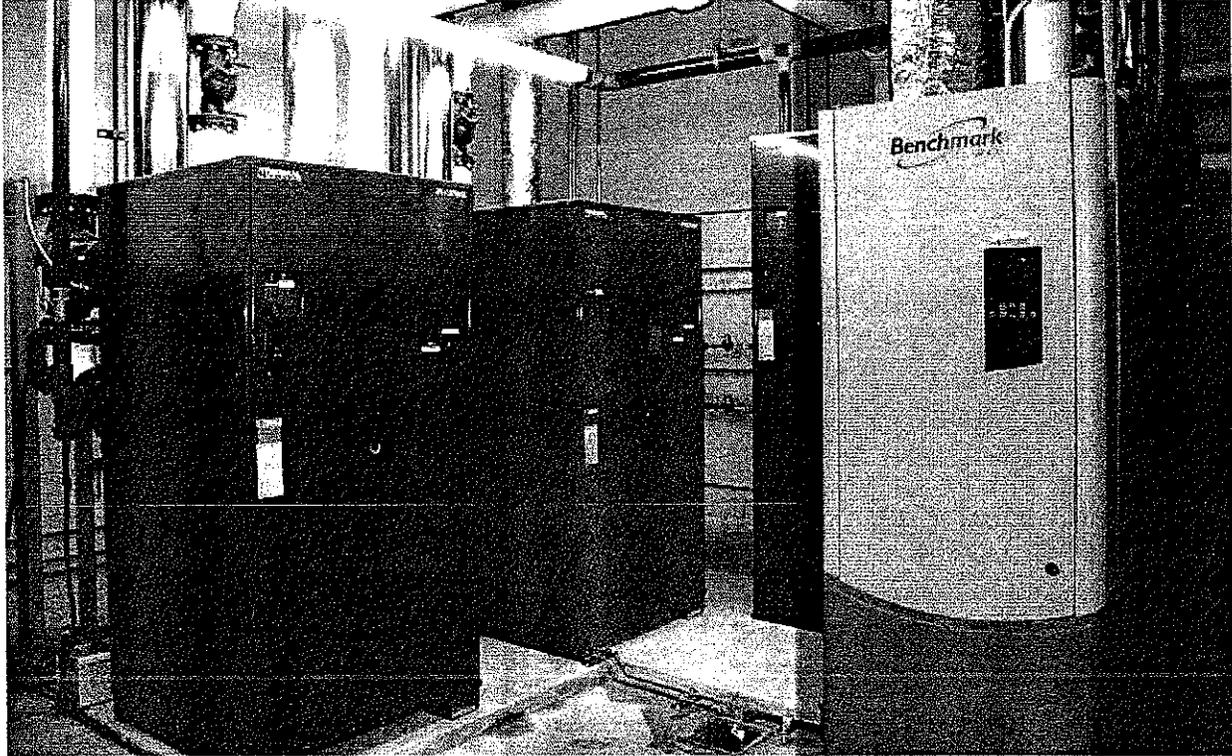


Old Boiler System

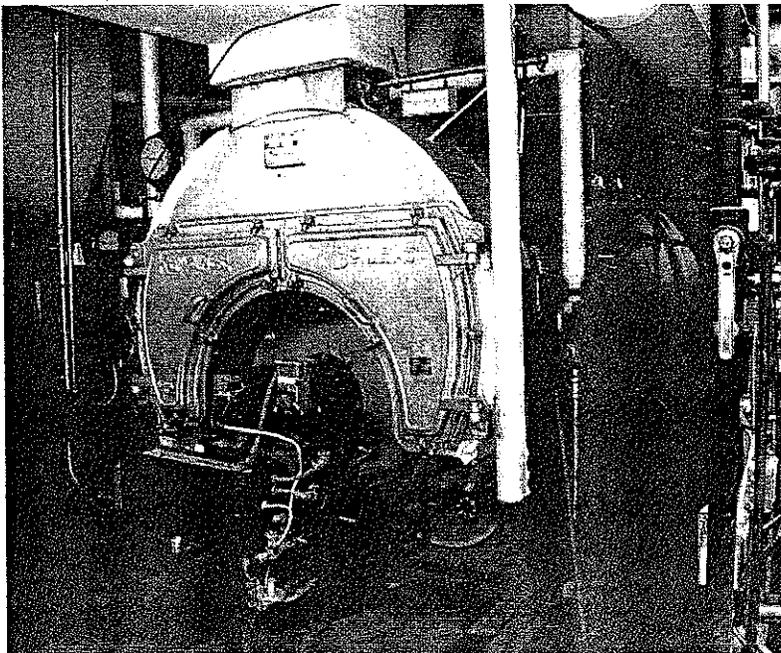


HSR Associates, Inc.  
La Crosse, Wisconsin

## Viroqua Area School District Middle/High School HVAC Replacement Viroqua, Wisconsin



High efficiency boilers. The three dark colored boilers fire at 88% and the light colored boiler is a condensing style at over 90% efficiency. The Viroqua Area School District saved 25% in heating costs after the first year of operation with the new boilers.



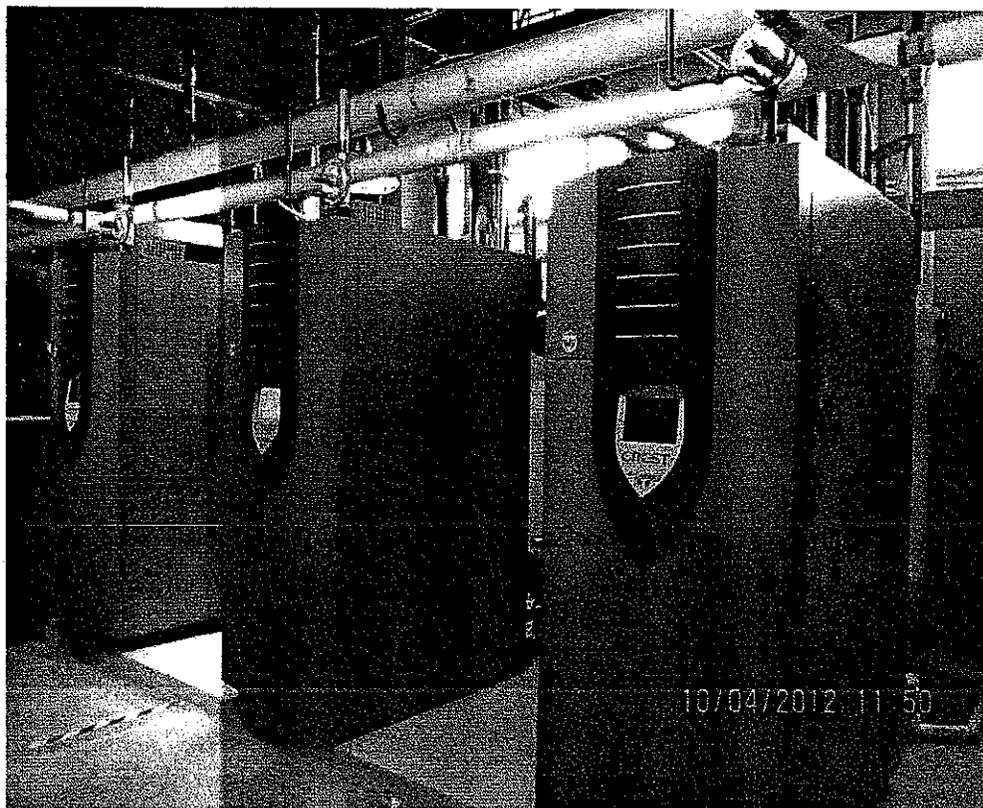
Original 60% efficient boilers.

Viroqua Area School District  
Bob Knadle, District Administrator  
608.637.1187  
Completed 2007  
Project Cost - Boiler cost included in  
total project cost of \$9,836,000



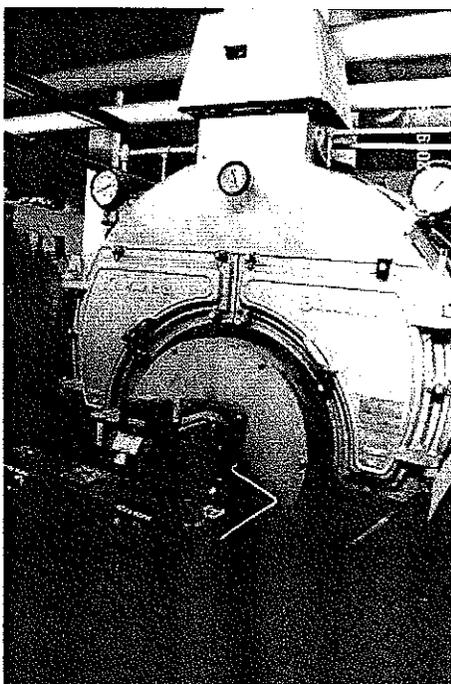
HSR Associates, Inc.  
La Crosse, Wisconsin

## Iowa - Grant School District High School Boiler Replacement Livingston, Wisconsin



HSR Replaced outdated Kewanee boilers with high efficiency dual fuel condensing boilers.

Iowa - Grant School District  
Linda Erickson, Superintendent  
608-943-6311  
Completed October 2012  
Project Cost - \$200,395

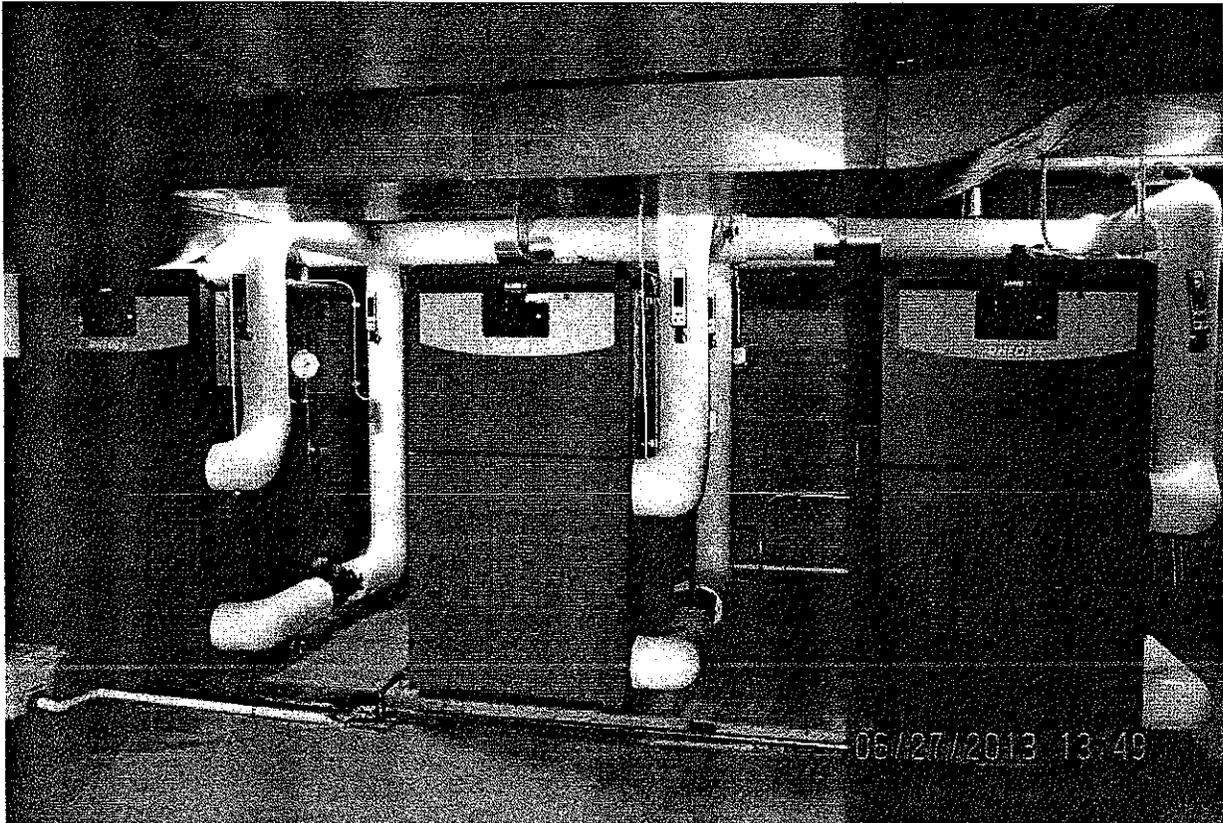


Old boiler



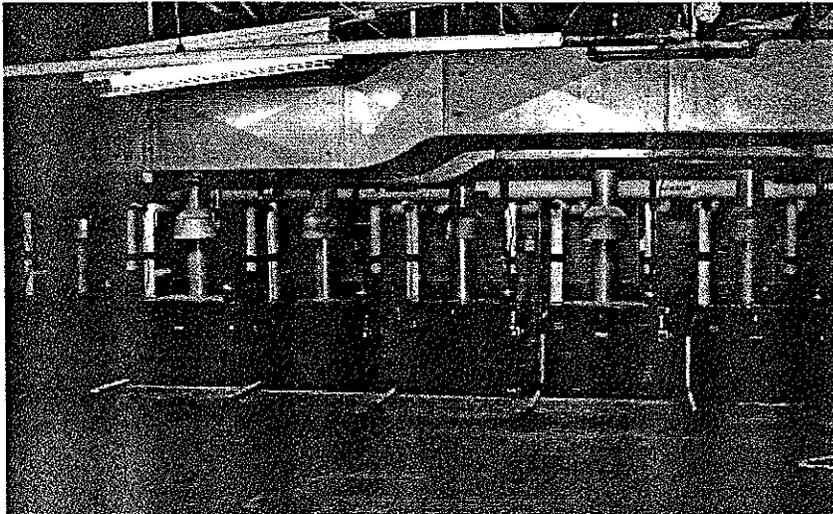
HSR Associates, Inc.  
La Crosse, Wisconsin

# Iowa - Grant School District Elementary School Boiler Replacement Livingston, Wisconsin



HSR Replaced outdated Kewanee boilers with high efficiency dual fuel condensing boilers.

Old boiler



Iowa - Grant School District  
Linda Erickson, Superintendent  
608-943-6311  
Completed October 2012  
Project Cost - \$200,395

# STAFF REVIEW SUMMARY

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

July 1, 2014

Agenda Item: #7

Project/Item Name: Utility Department purchases

Location: Citywide

Requested Action: Approval of purchases

Staff Report/Description: The following items were included within the 2014 Utility Department budget for purchase: Automatic flushing station, trench box, lighting and heating upgrades at Well #7 & #8, and door and window replacement at well #7 & #8.

Attachments: Quotes with memo's



# MEMORANDUM

## UTILITIES DEPARTMENT

Water and Sewer

**TO:** Finance Department

**FROM:** Steve Jackson

**DATE:** 6-5-14

**CC:** Jim Prindle, Jarrod Holter

**Subject:** 2014 Budget Item

The Utility Department has budgeted \$23,250.00 to purchase an automatic flusher unit with a chlorine residual monitor built into it. This system will be installed on the east side of the city where the chlorine residuals are really low. I've attached two quotes with this proposal and the cheaper of the two is First Supply in the amount of \$22,750.00. The comparable quote is in the amount of \$26,578.00.

Thank you,

Steve Jackson

1	Lighting upgrade at well #7 & #8	\$7,250		\$7,250
	Lighting upgrade at well #7 & #8			
	Current fixtures are fatigued, outdated and energy inefficient. Would provide cost savings to City in energy use.			
2	Sampling station	\$1,000		\$2,000
	Used for bacteria sampling in areas of City where chlorine residual is low and needs to be monitored. Samples directly from distribution system. Would be part of our Bacti Site Plan for DNR.			
1	Arc flash study	\$3,000		\$3,000
	Will provide information on electrical voltage levels at our well houses and how staff and vendors need to handle repair tasks without risk of electricution. Includes what protective gear must be worn etc.			
1	Automatic hydrant flusher with chlorine analyzer	\$23,250		\$23,250
	Device will allow constant monitoring of chlorine residual in system and flush water automatically to raise chlorine level. Will save on water usage and guarantee disinfection level is effective in dead end area of system. Will be installed at Mary Drive on a permanent basis.			
1	Trench box	\$14,000		\$14,000
	Extended length/height trench box for water leak repair. Would be one piece, measures 8'x14' and can extend repair movement in excavated hole. Would also allow for utilizing protection in deeper hole.			
1	Pick up truck	\$23,000	\$23,000	\$23,000
	Vehicle Outlay			
	To replace current 2000 Dodge 3/4 ton pick up truck			
1	GPS unit for valve truck 			\$3,500
	Would attach to valve turner and be used to shoot coordinates of vavles, manholes curb boxes for use with Utility asset management system.			

Order Acknowledgement Quote

Taken By Quote Date Order #  
dewe 06/04/14 2535324-00

Just #: 1045691 PO#: KUPFERLE QUOTE

Expired Date  
06/04/14

Reference

Bill To: CITY OF ONALASKA  
CITY HALL  
415 Main Street  
ONALASKA, WI 54650

Ship Point: LAX

Terms: net30thprox

Ship To: CITY OF ONALASKA  
CITY SHOP  
252 MASSON STREET  
ONALASKA, WI 54650

Ship Via: to be detrmn TBD

Instructions

Product Ln# And Description	Qty Ord	Qty UM	Unit Price	Extended Price
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!! All items denoted by an \* are non-stock, special order items and are subject to freight charges and manufacturer's restocking charges. All returns are subject to the General Terms and Conditions of Sale on the back of First Supply's pack slips!!

1 KUP8900I!02535324001	1.00	each	22750.00000	22750.00
* KUPFERLE 8900I GENISIS				
PRICE INCLUDES START UP DAY				

Total	22750.00
Quote Total	22750.00

# KODRU MOONEY

*MANUFACTURER'S REPRESENTATIVE*

## QUOTATION:

TO: Jim Prindle

PROJECT: City of Onalaska, WI

ENGINEER:

BID DATE: June 3, 2014

We propose to furnish equipment and/or material as described below.

	<u>Unit Price</u>
One (1) – Kupferle Foundry Series 9800i Genesis Series Intelligent Flushing Station with Built-In Chlorine Analyzer, Programmable Logic Controller (PLC) and Water Turbine Self-Charging System Includes: Freight to Onalaska, WI Startup assistance, and operator training	\$ 26,578.00

Does not include installation, or water piping to and from station.  
Additional analyzers available.

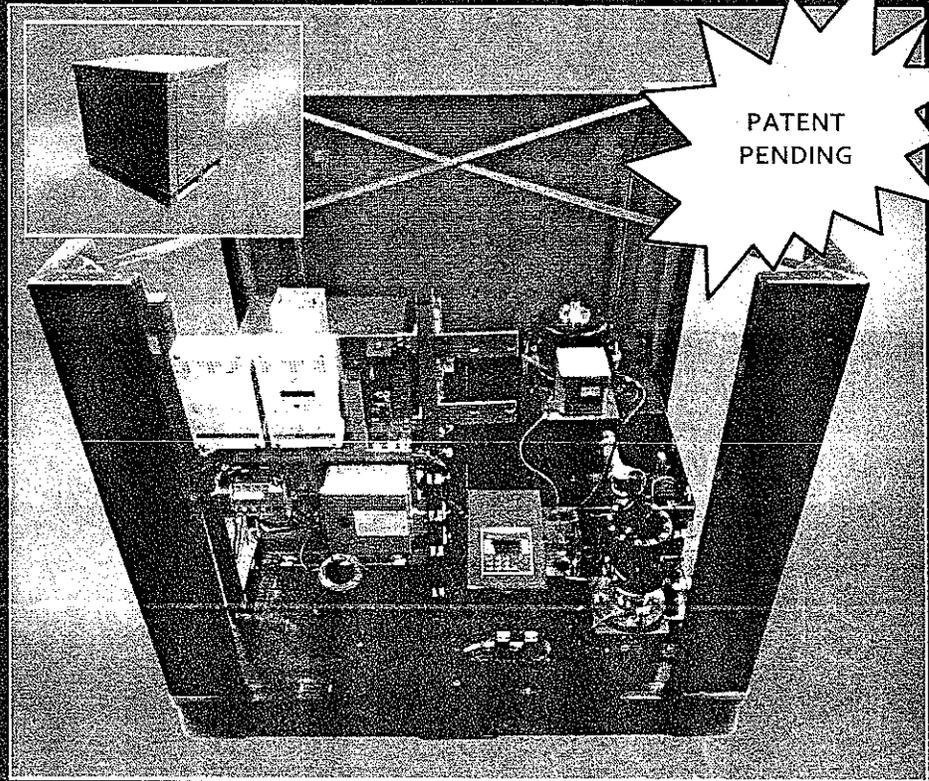
Quoted prices are valid for 60 days from bid date, and do not include any local or state taxes. Terms are Net 30 days, with no retainage allowed.

Contact: Bruce A. Harding  
Kodru-Mooney  
952-479-1045

**ECLIPSE**<sup>TM</sup>  
Since 1857

# Eclipse i-Series #9800i-GENESIS

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Intelligent Flushing Station  
with Built-In Chlorine Analyzer,  
Programmable Logic  
Controller (PLC) and Water  
Turbine Self-Charging System

**THE KUPFERLE FOUNDRY COMPANY**  
Since 1857

# #9800i-GENESIS

## Features

- Intelligent Automatic Flushing Device with 2" diaphragm, automatic fail-safe solenoid operated valve
- Built-in Water turbine charges a 24VDC battery bank— no line or solar power needed!
- Built-in Amperometric chlorine analyzer - no reagents required!
- Built-in Programmable Logic Controller w/ 2 micro SD and standard SD adapters and SCADA upgradable!
- Approximate flow rate of 50 gpm @ 60 psi, varies upon site conditions
- Locking aluminum thermal insulated enclosure (R-9 rated)
- Built-in 24VDC high performance heater with fan and redundant thermostats

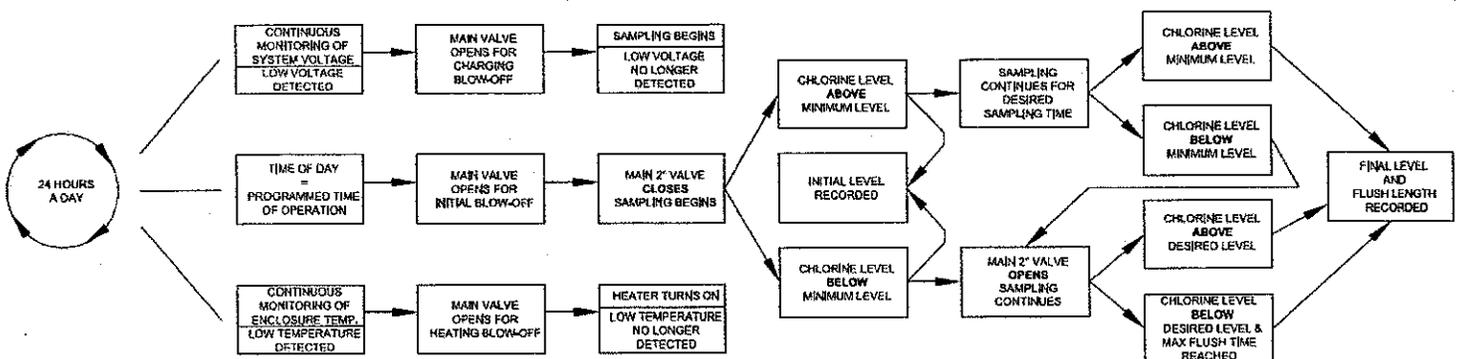
## What Does It Do?

- Automatically maintains safe residuals for drinking water
- Automatically flushes when residuals fall below programmed minimum levels
- Automatically shuts off when residuals reach programmed desired levels
- Flushes exact amount of water needed for ultimate water conservation
- The PLC records and captures all data related to residual levels and flush times. The data can be retrieved manually on a periodic basis or daily using a remote access SCADA system that collects the data via cellular, satellite or other communication transmission method
- Analyzer is free or combined chlorine compatible
- While flushing it uses a water turbine to recharge batteries that powers the electronics that provide enhanced monitoring and control
- Approved by the USEPA for water conservation (Green Project Reserve Program)

## You Tube

see product videos at  
[www.youtube.com/kupferle1857](http://www.youtube.com/kupferle1857)

## How Does It Work?



ECLIPSE



# MEMORANDUM

## UTILITIES DEPARTMENT

### Water and Sewer

**TO:** Finance Department

**FROM:** Steve Jackson

**DATE:** 6-5-14

**CC:** Jim Prindle, Jarrod Holter

**Subject:** 2014 Budget Item

In the 2014 budget the Utility Department has budgeted \$14,000.00 dollar to purchase an adjustable trench box for deeper excavations. This will allow us to remain compliant with the Department of Commerce. The unit we would like to purchase is a used piece that is only a few years old and is still in very good condition at a price of \$12,600.00 from Wisconsin Shoring Supply. To purchase this equipment new it would cost \$14,595.00 + \$1,200.00 freight (see attached quotes).

Thank you,

Steve Jackson

1	Lighting upgrade at well #7 & #8	\$7,250		\$7,250
	Lighting upgrade at well #7 & #8			
	Current fixtures are fatigued, outdated and energy inefficient. Would provide cost savings to City in energy use.			
2	Sampling station	\$1,000		\$2,000
	Used for bacteria sampling in areas of City where chlorine residual is low and needs to be monitored. Samples directly from distribution system. Would be part of our Bacti Site Plan for DNR.			
1	Arc flash study	\$3,000		\$3,000
	Will provide information on electrical voltage levels at our well houses and how staff and vendors need to handle repair tasks without risk of electricution. Includes what protective gear must be worn etc.			
1	Automatic hydrant flusher with chlorine analyzer	\$23,250		\$23,250
	Device will allow constant monitoring of chlorine residual in system and flush water automatically to raise chlorine level. Will save on water usage and guarantee disfection level is effective in dead end area of system. Will be installed at Mary Drive on a permanent basis.			
1	Trench box	\$14,000		\$14,000
	Extended length/height trench box for water leak repair. Would be one piece, measures 8'x14' and can extend repair movement in excavated hole. Would also allow for utilizing protection in deeper hole.			
1	Pick up truck	\$23,000	\$23,000	\$23,000
	Vehicle Outlay			
	To replace current 2000 Dodge 3/4 ton pick up truck			
1	GPS unit for valve truck <i>WPA</i>			\$3,500
	Would attach to valve turner and be used to shoot coordinates of vavles, manholes curb boxes for use with Utility asset management system.			

# WISCONSIN SHORING & SUPPLY

# Quotation

P.O. Box 28  
2537 Peiper Rd.  
Cottage Grove, WI 53527  
Ph: (608) 839-8472  
Fax: (608) 839-8474

Date: 1-27-2014

To: City of Onalaska  
Attn: John Wiatt  
Ph: 780-8848  
Fax:  
Email: jwiatt@cityofonalaska.com

From: Don Duppler  
Cell: (608) 209-1401

Terms:

Re:

Thank you for the opportunity to provide pricing and availability for the equipment listed below.  
Please feel free to contact me with any questions you might have.

Quantity	Description	Price Each	Extended
<del>1</del>	<del>GME, 2AEX812 trench box (2011) (good condition)</del>		<del>\$8,200.00</del>
1	GME, 2AEX812 trench box (2013) (very good condition)		\$8,900.00
1	26"-40" end loadable struts (set of 4) used		\$1,100.00
1	38"-59" end loadable struts (set of 4) used		\$1,200.00
1	56"-92" end loadable struts (set of 4) used		\$1,400.00
<del>1</del>	<del>26"-40" standard struts (set of 4) new</del>		<del>\$885.00</del>
<del>1</del>	<del>38"-59" standard struts (set of 4) new</del>		<del>\$995.00</del>
<del>1</del>	<del>56"-92" standard struts (set of 4) new</del>		<del>\$1,095.00</del>
	Standard struts can not be end loaded.		
	Tax and freight are not included in prices. F.O.B. Cottage Grove shop.		

This quotation is valid for 30 days. Thereafter prices are subject to change without notice.

TOTAL 12,600





# MEMORANDUM

## UTILITIES DEPARTMENT

### Water and Sewer

**TO:** Finance Department

**FROM:** Steve Jackson

**DATE:** 2-27-14

**CC:** Jim Prindle, Jarrod Holter

**Subject:** 2014 Budget Item

The Utility Department budget \$7,200.00 to upgrade the lights inside the buildings at wells #7 and #8. This will also include a replacement electric heater at well # 8. I attached two proposals with this memo and I have no objections with either company so I would award this to the cheaper bidder P&T Electric in the amount of \$5,844.00. The comparable bid is through Kish Electric in the amount of \$7,250.00.

Thank you,

Steve Jackson

1	Lighting upgrade at well #7 & #8	\$7,250		\$7,250
	Lighting upgrade at well #7 & #8			
	Current fixtures are fatigued, outdated and energy inefficient. Would provide cost savings to City in energy use.			
2	Sampling station	\$1,000		\$2,000
	Used for bacteria sampling in areas of City where chlorine residual is low and needs to be monitored. Samples directly from distribution system. Would be part of our Bacti Site Plan for DNR.			
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1	GPS unit for valve truck			\$3,500
	Would attach to valve turner and be used to shoot coordinates of vavies, manholes curb boxes for use with Utility asset management system.			

# Proposal

Page No. \_\_\_\_\_

of \_\_\_\_\_

Pages \_\_\_\_\_

**P & T ELECTRIC, INC.**  
1122 South Oak Street  
LA CRESCENT, MINNESOTA 55947  
(507) 895-8585  
Fax (507) 895-8586

*Alvin Steve*

PROPOSAL SUBMITTED TO <i>City Anaslaska</i>		PHONE <i>608-781-9545</i>	DATE <i>3-7-14</i>
STREET		JOB NAME	
CITY, STATE and ZIP CODE		JOB LOCATION	
ARCHITECT	DATE OF PLANS	JOB PHONE	

We hereby submit specifications and estimates for:

*\* See attached proposals, \*  
for well house #7 + #8*

*Please call with questions.*

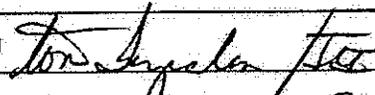
**We Propose** hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

\_\_\_\_\_ dollars (\$ \_\_\_\_\_).

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized Signature



Note: This proposal may be withdrawn by us if not accepted within 30 days.

**Acceptance of Proposal** — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_

Signature \_\_\_\_\_

# **P & T Electric, Inc.**

1122 S. Oak Street • La Crescent, MN 55947 • (507) 895-8585 • Fax (507) 895-8586

**DATE:** 03/07/2014

**PROJECT:** WELL HOUSE #8

**PROPOSAL:**

1. SUPPLY AND INSTALL 1- 25 KW 480 VOLT 3 PHASE ELECTRIC SPACE HEATER. WIRE INTO EXISTING CONTROL AND BREAKER.
2. SUPPLY AND INSTALL 3 OUTSIDE LED FIXTURES WITH PHOTOCELLS ON THEM AT EXISTING FIXTURE LOCATIONS.
3. REPLACE 12 BALLAST IN EXISTING FIXTURES AND CHANGE THEM TO T8 LAMPS AND INSTALL NEW LAMPS.
4. DISPOSE OF OLD BALLASTS AND LAMPS.

**PRICE: \$3497.00**

TOM INGVALSON

P & T ELECTRIC, INC

# **P&T Electric, Inc.**

1122 S. Oak Street • La Crescent, MN 55947 • (507) 895-8585 • Fax (507) 895-8586

**DATE:** 03/07/2014

**PROJECT:** WELL HOUSE #7

**PROPOSAL:**

1. SUPPLY AND INSTALL 2 OUTSIDE LED FIXTURES WITH PHOTOCELLS AT NEW LOCATION OUTSIDE STORAGE ROOM AND OUTSIDE CHEM ROOM.
2. SUPPLY AND INSTALL 5 NEW VAPORTITE FIXTURES AND 2 NEW 8' OPEN STRIP FIXTURES AND LAMPS.
3. DISPOSAL OF OLD FIXTURES.

**PRICE: \$2347.00**

*TOTAL = \$5,844.00*

TOMINGVALSON

P & T ELECTRIC, INC.

# KISH & SONS ELECTRIC INC.

525 Rose Street PO Box 543  
La Crosse, WI 54602-0543  
608-785-0207 Fax: 808-782-5599  
www.kishelectric.com

# PROPOSAL

Proposal Date:

7/1/2013

Prepared for:	6650
City of Onalaska 415 Main Street Onalaska, WI 54650	

Job Name & Location:
Well #8 Oak Ave & Grove St. Onalaska, WI

Customer (608)781-9530	Fax	Email	Site (608)781-9530
---------------------------	-----	-------	-----------------------

## Description Of Work

Update lighting including; install flourescent retrofit kits and new T-8 lamps for (12) light fixtures, install (4) wall box occupancy sensors, replace electric unit heater. Remove (3) existing outdoor lights and replace with 12 watt LED wall packs.

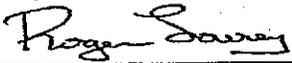
This is a proposal to furnish material and labor - complete in accordance with the above specifications, for the sum of:

Four thousand four hundred fifty dollars

\$4,450.00

Payments terms are net 30 days upon approved credit. All payments are to be made by cash or check. If credit card payment is preferred, add 3% to the quoted price. All materials are guaranteed to be as specified. All work is to be completed in a workman like manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will become an extra charge over and above the estimate and will be billed at our normal rate. All agreements are contingent upon strikes, accidents, or delays beyond our control. Owner is to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Compensation.

KISH & SONS ELECTRIC, INC.

By: 

Note: This proposal may be withdrawn by us if not accepted with in 60 days.

Proposal Acceptance - The above prices, specifications, terms, and conditions (including Appendix A) are hereby accepted and I agree to be bound thereby. I hereby acknowledge receipt of a copy of this document on the date set forth below. This proposal constitutes the whole agreement between the parties and supersedes any prior proposals

Date: \_\_\_\_\_

By: \_\_\_\_\_

Owner and or Prime Contractor (Indicate either or both on the signature line)

# KISH & SONS ELECTRIC INC.

525 Rose Street PO Box 543  
La Crosse, WI 54602-0543  
608-785-0207 Fax: 608-782-5599  
www.kishelectric.com

# PROPOSAL

Proposal Date:

7/1/2013

Prepared for: 6651

City of Onalaska  
415 Main Street  
Onalaska, WI 54650

Job Name & Location:

Well #7  
East Ave & Monica Lane  
Onalaska, WI

Customer

(608)781-9530

Fax

Email

Site

(608)781-9530

## Description Of Work

Update lighting including; remove (12) existing light fixtures and replace with (4) 36 watt Led fixtures and (2) occupancy sensors, remove 8' strip fixture in chemical room and replace with 4' 2lamp with gasket type enclosure and occupancy sensor. Install wiring and (3) 12 watt LED fixtures controlled with photo-eye for exterior.

This is a proposal to furnish material and labor - complete in accordance with the above specifications, for the sum of:

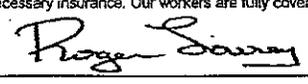
Two thousand eight hundred dollars

\$2,800.00

Payments terms are net 30 days upon approved credit. All payments are to be made by cash or check. If credit card payment is preferred, add 3% to the quoted price. All materials are guaranteed to be as specified. All work is to be completed in a workman like manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will become an extra charge over and above the estimate and will be billed at our normal rate. All agreements are contingent upon strikes, accidents, or delays beyond our control. Owner is to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Compensation.

TOTAL \$7250.00

KISH & SONS ELECTRIC, INC.

By: 

Note: This proposal may be withdrawn by us if not accepted with in 60 days.

Proposal Acceptance - The above prices, specifications, terms, and conditions (including Appendix A) are hereby accepted and I agree to be bound thereby. I hereby acknowledge receipt of a copy of this document on the date set forth below. This proposal constitutes the whole agreement between the parties and supersedes any prior proposals

Date: \_\_\_\_\_

By: \_\_\_\_\_

Owner and or Prime Contractor (Indicate either or both on the signature line)



## MEMORANDUM

### UTILITIES DEPARTMENT

Water and Sewer

**TO:** Finance Department

**FROM:** Steve Jackson

**DATE:** 2-20-14

**CC:** Jim Prindle, Jarrod Holter

**Subject:** 2014 Budget Item

The Utility Department budgeted \$7,500.00 dollars to replace a few windows and doors in well houses 7 & 8. The current windows and doors are rotted and the glass is etched. I enclosed two proposals with this memo and I recommend we have the work completed by La Crosse Glass Co. for the total amount of \$ 7444.13. The comparable price is through Steiger Construction in the amount of \$16,239.00.

Thank you,

Steve Jackson

0.5	Utility asset management software program, including update to GIS data using geodata bases	\$80,000	\$40,000
	Will be used by Utility staff to make duties and tasks more efficient and productive in field. Will tie GPS/Mapping and asset tracking together. Allows for viewing of maintenance history of hydrants, valves, etc. while in field utilizing computer tablets. Provides ability to isolate main break and service leaks and what customers have to have water shutoffs. This will all be done in the field and uploaded to main GIS program.		
0.5	PC tablets	\$12,000	\$6,000
	These tablets would be used by staff in field to view existing infrastructure data and to input and record new information into database at City Hall. Would use data for Utility Management Software Program. DRS armor tablet to take field conditions		
0.5	HammerDrill	\$2,000	\$1,000
	Used for drilling through concrete and block at well houses to run chemical lines and conduit for chemical scales. Would also use for creating inlets for manholes and drilling slabwork. Currently renting unit when needed.	<i>Purchased</i>	
0.5	Sump pump	\$2,200	\$1,100
	Use for pumping out trenches during water leak repair, manholes with water infiltration. Would allow staff to use this instead of tying up Vactor Jet truck and pump unit on that vehicle.		
1	Door & window replacement	\$7,500	\$7,500
	Service door and window replacement at Well #7 & #8. Doors are rusted through and window are etched and lack energy efficiency		
1	Well house roof Hatch replacement	\$1,500	\$1,500
	Roof hatch at Well #7 is rotting and has rusted through. This issue has been noted on recent Wis. DNR inspections. Will also prevent damage to building		

GLASS SERVICE CENTER INC.  
 59 COPELAND AVE  
 PO Box 1704  
 LA CROSSE, WI 54603  
 PH:(608) 784-8500 FAX:(608) 784-8505

Permanent Copy

P/O#: Steve Jackson Taken By: Mike Installer:	Cust State Tax ID: OF Cust Fed Tax ID: Ship Via: OT Install	Quote: Q067511 Date: 6/28/2013 Time: 12:32 PM
SalesRep:	Adv. Code:	

Bill To: CITYONA

Sold To: CITYONA

City of Onalaska  
 415 Main Street  
 ONALASKA, WI 54650

Well #8  
 Grove St and Oak Ave  
 ONALASKA, WI 54650

(608) 781-9530

Qty	Part Number	Description	Sell	Total
1	MD387018G-C4	C4 3870 18 Gauge Steel Door	\$480.58	\$480.58
1	MF387047/8ASALH-6	6 3/4" 3870 Frame 4 7/8" ASA LH	\$144.90	\$144.90
1	DFPACOHPS	Completed Opening Hole Plug and Strap	\$29.75	\$29.75
1	DFPACusHt	Custom Height	\$42.50	\$42.50
1	DFPACusWd	Custom Width	\$59.50	\$59.50
1	DFPACLRREIN	Closer Reinforcement	\$11.05	\$11.05
1	DFPARTC	Reverse Weld Clips at Threshold	\$25.50	\$25.50
1	DFPAWGS	Weld Grind Smooth	\$42.50	\$42.50
1	DH416A	Design 416 Closer Aluminum	\$130.79	\$130.79
1	DHBB5NRPUS26D	Design BB5 NRP 4.5x4.5 US26D	\$9.49	\$9.49
1	WS48HM	48" Weatherstrip Kit HM	\$25.43	\$25.43
1	WS4TH48HM	48" x 4" Threshold HM	\$34.68	\$34.68
1	SW48HM	48" Sweep HM	\$18.50	\$18.50
8	InstallLabor	Installation Labor	\$80.00	\$640.00

Job Name: Well #8

Furnish and install new door and frame to replace existing. Reuse existing lock set.

Sub Total: \$1,695.17

Tax: \$0.00

Net30

Total: \$1,695.17

GLASS SERVICE CENTER INC.  
 59 COPELAND AVE  
 PO Box 1704  
 LA CROSSE, WI 54603  
 PH:(608) 784-8500 FAX:(608) 784-8505

Permanent Copy

P/O#: Steve Jackson  
 Taken By: Mike  
 Installer:

Cust State Tax ID: OF  
 Cust Fed Tax ID:  
 Ship Via: OT Install

Quote: Q067513  
 Date: 6/28/2013  
 Time: 04:18 PM

SalesRep:

Adv. Code:

Bill To: CITYONA

Sold To: CITYONA

City of Onalaska  
 415 Main Street  
 ONALASKA, WI 54650

Well #8  
 Grove St and Oak Ave  
 ONALASKA, WI 54650

(608) 781-9530

Qty	Part Number	Description	Sell	Total
1	CLLAM-.030	(31 3/8" x 19 5/8") .030 Clear Laminated	\$49.74	\$49.74
1	InstallLabor	Install in HM to replace lexan	\$80.00	\$80.00
2	SPECIAL112	46 1/2" x 31 3/4" M-85 thermal break horizontal sliding window, dark bronze w/clear low-e insulated	\$539.15	\$1,078.30
10	TCDYMONICFCTUBE	Dymonic FC (Tube)	\$8.12	\$81.20
5	InstallLabor	Installation Labor	\$80.00	\$400.00

Job Name: Well #8

New sliding aluminum windows include screens.

Sub Total: \$1,689.24

Tax: \$0.00

Net30

Total: \$1,689.24

GLASS SERVICE CENTER INC.  
 59 COPELAND AVE  
 PO Box 1704  
 LA CROSSE, WI 54603  
 PH:(608) 784-8500 FAX:(608) 784-8505

Permanent Copy

P/O#: Steve Jackson	Cust State Tax ID: OF	<b>Quote: Q067514</b>
Taken By: Mike	Cust Fed Tax ID:	
Installer:	Ship Via: OT Install	
SalesRep:	Adv. Code:	<b>Date: 6/28/2013</b>
		<b>Time: 04:08 PM</b>

Bill To: CITYONA

Sold To: CITYONA

City of Onalaska  
 415 Main Street  
 ONALASKA, WI 54650

Well #7  
 ONALASKA, WI 54650

(608) 781-9530

Qty	Part Number	Description	Sell	Total
1	MD387018G-C4	C4 3870 18 Gauge Steel Door	\$480.58	\$480.58
1	MSMHS70RH-5 3/4"	5 3/4" 7'0" Hinge Stick RH 10'7"	\$108.43	\$108.43
1	MSMSS70RH-5 3/4"	5 3/4" 7'0" Strike Stick RH 10'7"	\$93.21	\$93.21
0.25	MMBlank-5 3/4"	5 3/4" Blank Tube Mullion	\$193.92	\$48.48
0.25	MSM2"BS-5 3/4"	5 3/4" 2" Blank Stick 10'7"	\$77.56	\$19.39
1	MSMGlaStopScr	Glass Stop Screw	\$0.12	\$0.12
1	DFPACLSRREIN	Closer Reinforcement	\$11.05	\$11.05
1	DFPACOHPS	Completed Opening Hole Plug and Strap	\$29.75	\$29.75
1	DFPACusWd	Custom Width	\$59.50	\$59.50
1	DFPARTC	Reverse Weld Clips at Threshold	\$25.50	\$25.50
1	DFPAWGS	Weld Grind Smooth	\$42.50	\$42.50
1	DH416A	Design 416 Closer Aluminum	\$130.79	\$130.79
1	DHLZ82US26D	Design Z-82-F US26D Entrance Lock	\$138.73	\$138.73
3	DHBB5NRPUS26D	Design BB5 NRP 4.5x4.5 US26D	\$9.49	\$28.47
1	WS48HM	48" Weatherstrip Kit HM	\$25.43	\$25.43
1	WS4TH48HM	48" x 4" Threshold HM	\$34.68	\$34.68
1	SW48HM	48" Sweep HM	\$18.50	\$18.50
1	1/4INSCLE-1" OA	(44" x 24 1/4") 1" OA 1/4" Clear Low E Insul.	\$131.48	\$131.48
8	InstallLabor	Installation Labor	\$80.00	\$640.00

Job Name: Well #7

Furnish and install new door and frame to replace existing. Reuse existing lock set.

Sub Total: \$2,066.59

Tax: \$0.00

Net30

Total: \$2,066.59

GLASS SERVICE CENTER INC.  
 59 COPELAND AVE  
 PO Box 1704  
 LA CROSSE, WI 54603  
 PH:(608) 784-8500 FAX:(608) 784-8505

Permanent Copy

P/O#: Steve Jackson	Cust State Tax ID: OF	Quote: Q067515
Taken By: Mike	Cust Fed Tax ID:	
Installer:	Ship Via: OT Install	Date: 6/28/2013
SalesRep:	Adv. Code:	Time: 04:26 PM

Bill To: CITYONA

Sold To: CITYONA

City of Onalaska  
 415 Main Street  
 ONALASKA, WI 54650

Well #7  
 ONALASKA, WI 54650

(608) 781-9530

Qty	Part Number	Description	Sell	Total
1	CLLAM-.030	(30 3/8" x 30 3/8") .030 Clear Laminated	\$79.65	\$79.65
1	InstallLabor	Install in HM to replace lexan	\$80.00	\$80.00
3	SPECIAL112	47 1/2" x 24" M-85 thermalbreak horizontal sliding window, dark bronze anodized w/clear low-e insula	\$450.76	\$1,352.28
10	TCDYMONICFCTUBE	Dymonic FC (Tube)	\$8.12	\$81.20
5	InstallLabor	Installation Labor	\$80.00	\$400.00

Job Name: Well #7

New sliding aluminum windows include screens.

**TOTAL = \$7444.13**

Sub Total: \$1,993.13

Tax: \$0.00

Net30

Total: \$1,993.13

# Proposal

## Steiger Construction

2812 So. 28th St. La Crosse, WI 54601  
608-788-4233 or FAX 608-788-4303

City of Onalaska  
Attn: Steve Jackson  
415 Main St  
Onalaska, WI 54650

July 9, 2013

RE: Well house Repairs

We propose to furnish labor, equipment and material to install complete various repairs at 3 well houses as listed:

### Well House #7:

1. Remove & replace window between chemical room and well, window to have chemical resistant glass
2. Remove & replace 3 exterior windows with Wojan M-85 sliders, with clear anodized finish, clear insulated glass and a screen.
3. Remove & replace 1- 44"x76" door & frame w/ transom window, new hinges, weather stripping, threshold, closure, sweep, transom glass to be insulated and re-use existing lock set.
4. Remove bad wood on ceiling, replace and cover with white glass board
5. Remove & replace dome(62.5"x62.5") with Wasco CS7272

**Sum of \$9285.00**

### Well House #8:

1. Remove & replace glass between chemical room & well with chemical resistant glass
2. Remove & replace 3 windows w/ Wojan M-85 slider, clear anodized finish with clear insulated glass and screen
3. Remove & replace 1- 44"x76" door, frame, closure, hinges, weather stripping, threshold and sweep. Re-use existing lock set.
4. Install white glass board on ceiling of storage room

**Sum of \$6954.00**

Wells #7 & 8

TOTAL = 16,239.00

# Proposal

## Steiger Construction

2812 So. 28th St. La Crosse, WI 54601  
608-788-4233 or FAX 608-788-4303

Pg 2 of 2

### Well house #9:

1. Remove & replace 1- 44"x76" door, frame, closure, weather stripping, threshold and sweep. Re-use existing lock set.

**Sum of \$2352.00**

**NOTE: Allow 5-6 weeks for doors & windows**

Alternate 1- Block wall repair:

Furnish labor, equipment and material to repair deteriorated block at base of brick. Work to include removing the block in sections, forming and pouring a concrete curb in place of the block.

**Sum of \$3690.00**

Alternate 2- Sidewalk:

Furnish labor, equipment and material to remove a 5'x47' sidewalk and replace with a 6'x47' sidewalk after block repair is completed.

**Sum of \$2450.00**

Proposal may be withdrawn if not accepted within 10 days. All material is guaranteed to be as specified. All work is to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed only upon written orders, and will become an extra, charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Signature     *Doug Beillich*    

#### NOTICE OF LIEN RIGHTS

AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAW, STEIGER CONSTRUCTION HEREBY NOTIFIES OWNER THAT PERSONS OR COMPANIES FURNISHING LABOR OR MATERIALS FOR THE CONSTRUCTION ON OWNER'S LAND MAY HAVE LIEN RIGHTS ON OWNER'S LAND AND BUILDINGS IF NOT PAID, THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO THE UNDERSIGNED BUILDER, ARE THOSE WHO CONTRACT DIRECTLY WITH THE OWNER OR THOSE WHO GIVE THE OWNER NOTICE WITHIN 60 DAYS AFTER THEY FIRST FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION. ACCORDINGLY, OWNER PROBABLY WILL RECEIVE NOTICES FROM THOSE WHO FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO HIS MORTGAGE LENDER, IF ANY. STEIGER AGREES TO COOPERATE WITH THE OWNER AND LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMANTS ARE DULY PAID.

**Acceptance of proposal:** The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Date of Acceptance: \_\_\_\_\_

Signature: \_\_\_\_\_

# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

July 1, 2014

Agenda Item:

#8

Project/Item Name:

Well #9 geotechnical work

Location:

Well #9

Requested Action:

Approval of geotechnical work

Staff Report/Description:

Geotechnical work needs to be performed  
for design of building foundations.

Attachments:

Quotes

# Chosen Valley Testing, Inc.

135 Buchner Place, La Crosse, WI 54603, Phone (608) 782-5505 Fax (608) 785-2818

City of Onalaska  
Jarrod Holter, PE  
415 Main St.  
Onalaska, WI 54650  
[jholter@cityofonalaska.com](mailto:jholter@cityofonalaska.com)

June 18, 2014

cc: Andy Mullendore, PE  
Strand Associates, Inc.  
910 West Wingra Drive  
Madison, WI 53715  
[andy.mullendore@strand.com](mailto:andy.mullendore@strand.com)

**Re: Proposal for Design Phase Geotechnical Services  
Proposed Well No. 9 Addition & Reconstruction  
Onalaska, Wisconsin  
CVT Proposal Number: 6688.14.WIL**

Dear Mr. Holter:

As requested, we have prepared this proposal for geotechnical engineering services for the proposed well addition in Onalaska, Wisconsin. We are very interested in providing the geotechnical exploration and engineering services on this project and are very familiar with the soils in the area.

## Scope

**Depths and Locations:** A total of 4 borings have been requested to evaluate soil conditions at the site. The borings are to be drilled to depths of 35 feet. The borings would be drilled to their planned depths or auger refusal.

All of the borings will be sampled using Standard Penetration Test methods as specified within the American Society for Testing and Materials designation D-1586 and D-1587. Samples will be taken at 2½ to 5-foot intervals. Water data will be recorded. The borings would be sealed in accordance with Wisconsin regulations.

**Laboratory Testing:** Our samples are routinely reviewed by an experienced geotechnical engineer. Based on this and the expected soil types, we do not anticipate that extensive laboratory testing will be needed to aid in our analysis. We understand that Photoionization Detector (PID) readings are requested on the samples in the borings, and that general observations are desired regarding the potential for hazardous materials based on the results of the PID readings and field observations. Pocket penetrometer tests would be performed on cohesive samples at no additional cost. We would contact you for authorization if conditions are encountered which may warrant special lab tests (such as highly compressible or organic soils).

**Reports:** An engineering report will be provided for the project. The engineering report will summarize the results of the borings and provide our opinions and recommendations for the various geotechnical

aspects of the project including bearing capacity recommendations, settlement estimates, pavement recommendations, etc. Two bound copies and one unbound copy of the report will be forwarded to you.

We understand that a geotechnical review of the final specifications and drawings is requested. We have included an hourly rate for Engineer Consulting and 2 hours of time for the review (understood to be tentatively scheduled for January 2015).

**Access and Schedule:** We would contact Diggers Hotline to clear utilities prior to drilling. We have assumed that the borings areas are accessible to a standard truck mounted drill rig. The drilling is expected to be completed in 1 day.

We understand that the work is to be completed by the end of July 15, 2014, with the soil borings complete and a verbal report of conditions by July 1, 2014. Our current schedule would allow us complete the work by July 15<sup>th</sup>, though weather conditions may cause delays, and a verbal report with boring logs may not be available until the week of July 7<sup>th</sup>.

**Insurance:** Our firm carries the normal types of insurances expected to conduct business in our field, at or above the minimums required by law. Certificates of insurance are available on request and can be provided to the client prior to commencement of services.

**Fees and Payment**

We will perform the work in accordance with the unit costs in the following COST ESTIMATE. The total cost for the project is estimated to be \$3,065. These costs would not be exceeded without a change in work scope. If additional borings/footage is deemed necessary, the cost would be increased at the unit rates included in the estimate. We will only charge for those services/footages performed.

Item Description	Quantity	Unit Cost	Cost
<b>Drilling Services</b>			
Drill Rig & Support Vehicle, per day	1	\$350.00	\$350.00
Drilling and Sampling, per foot	140	\$9.00	\$1,260.00
Borehole abandonment, per foot	140	\$2.00	\$280.00
<b>Laboratory Testing</b>			
PID readings, lump sum	1	\$175.00	\$175.00
Fine Gradation w/ 200 wash, per test	0	\$65.00	\$0.00
<b>Geotechnical Report</b>			
Engineer Consult, per hour	2	\$100.00	\$200.00
Analysis & Report, lump sum	1	\$800.00	\$800.00
<b>Total Cost for Base Proposal:</b>			<b>\$3,065.00</b>

An invoice for the work will be mailed to the client after the exploration report is complete. Payment for services is expected within 30 days. Interest will be added to invoices over 30 days.

Remarks

We appreciate the opportunity to propose services to you. If you have any questions about our proposal or the arrangements described, please call us at (608) 782-5505.

Sincerely,  
Chosen Valley Testing, Inc.



John Haas, PE  
Geotechnical Engineer



Colby T. Verdegan, PE  
President/Sr. Geotechnical/Materials Engineer

Authorization to Proceed



Chosen Valley Testing

**Project: Onalaska Well No. 9 Addition & Reconstruction**  
**Design Phase Geotechnical Evaluation Proposal**

**Prepared by:** Chosen Valley Testing, Inc.

**CVT Number:** 6688.14.WIL

**Commencement of the above Project or Work Package, as outlined in the attached proposal document from Chosen Valley Testing, Inc., is hereby authorized.**

**Authorizing Person(s):**

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Name / Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Name / Title

\_\_\_\_\_  
Date

June 18, 2014

Proposal QTB006280

Mr. Andy L. Mullendore  
C/o City of Onalaska  
415 Main Street  
Onalaska, Wisconsin 54650

Re: Proposal for a Geotechnical Evaluation  
Well No. 9 Filter Addition and Reconstruction  
860 Eleventh Avenue South  
Onalaska, Wisconsin

Dear Mr. Andy L. Mullendore:

We respectfully submit this proposal to complete a geotechnical evaluation for the proposed Well No. 9 Filter Addition and Reconstruction at the above referenced site.

### **Our Understanding of Project**

Based on the information you provided to us and our conversation, we understand this project includes a new wellhouse, filter, and backwash holding tank for Wells No. 9. A new access drive will also be constructed between the wellhouse and roadway.

### **Purpose**

The purpose of our geotechnical evaluation will be to characterize subsurface geologic conditions at selected exploration locations and evaluate their impact on the design and construction of the proposed wellhouse and tank footings, slabs and subsurface walls.

### **Scope of Services**

The following tasks are proposed to help achieve the stated purpose. If unfavorable or unforeseen conditions are encountered at any point during the completion of the tasks that lead us to recommend an expanded scope of services, we will contact you to discuss the conditions before resuming work.

### **Site Access, Staking and Utility Clearance**

Based on our knowledge of the site and information provided to us, it appears that the site and prospective boring locations will be accessible with a truck-mounted drill rig.

We will stake the boring locations by measuring dimensions from existing pumphouse with a cloth tape at approximate right angles from those references, based upon the scaled plan sheet that you have provided to us. Depending on access requirements, ground conditions or potential utility conflicts, our field crew may alter the exploration locations from those proposed to facilitate accessibility.

If exploration locations are critical to the development of earthwork or the plans and specifications, we request that you authorize our use of GPS (Global Positioning System) technology to perform the staking.

Prior to drilling or excavating, we will contact Digger's Hotline and arrange for notification to the appropriate utility vendors to mark and clear the exploration locations of public underground utilities. You or your authorized representative is responsible to notify us before we begin our work of the presence and location of any underground objects or private utilities that are not the responsibility of public agencies.

#### **Penetration Test Borings**

We will drill the four proposed standard penetration test borings to a depth of 35 feet. Penetration tests will be performed at 2 ½-foot vertical intervals to a depth of 16 feet, and at 5-foot intervals at greater depths (in general accordance with ASTM Method D1586).

If uncontrolled fill, organic materials or other structurally unfavorable soils are not penetrated above the intended boring termination depths, we will extend the borings to obtain at least five feet of penetration into more competent materials at greater depths. The additional information will help evaluate such issues as excavation depth, consolidation settlement, and foundation alternatives, among others. If deeper borings (or additional borings) are needed, we will contact you prior to increasing our total estimated drilled footage and submit a Change Order summarizing the anticipated additional effort and the associated cost, for your review and authorization.

#### **Groundwater Measurements**

If groundwater is encountered in the boreholes during or immediately after drilling, the depth where it is observed will be recorded on the boring logs.

#### **Photoionization Detector Readings**

We propose to evaluate and classify continuous soil cores collected from the soil borings for potential indications of contamination, including screening of the soil cores in the soils lab for the presence of total organic vapors with a photoionization detector (PID) equipped with a 10.6-electron-volt lamp and calibrated to an isobutylene standard.

#### **Borehole Abandonment**

Wisconsin Administrative Code NR 141.25 requires us to seal any boring greater than 10 feet deep or any boring that intersects the water table. Boreholes greater than 4-inches in diameter that are less than 250 feet deep and have less than 150 feet of standing water may be abandoned using 3/8-inch bentonite chips.

Based on the intended exploration depths, we have made provisions to seal 140 lineal feet of borehole with 3/8-inch bentonite chips, and prepare associated Wisconsin borehole abandonment forms.

### **Sample Review and Laboratory Testing**

Soil samples will be returned to our laboratory, where they will be visually classified and logged by a geotechnical engineer in general accordance with ASTM D2487. To help classify the materials encountered and estimate/measure the engineering properties necessary to our analyses, we have budgeted to perform the following laboratory tests:

- (2) *Moisture content tests (ASTM D2216)* – intended to aid in classification, evaluation of moisture condition, and estimation of engineering parameters;
- (2) *Percent passing the #200 sieve tests* – intended to aid in classification and to determine the percentage of silt/clay-sized (fines) particles.

It is our intention to only perform laboratory tests that will be necessary to complete our analyses. If after review of the soils it is our opinion that portions of the above schedule would not be cost-beneficial to the project, we will reduce the schedule and we will not charge for tests that are not performed. Conversely, if after review it appears that additional testing would provide potential cost-benefits to the project, we will request authorization for the additional testing through a Change Order.

### **Reporting**

Data obtained from the borings and laboratory tests will be used to evaluate the subsurface profile and groundwater conditions, perform engineering analyses related to structure design and performance and prepare a report, including:

- A CAD-generated sketch showing project components, limits, and exploration locations.
- Logs of the borings describing the materials encountered and presenting the results of our groundwater measurements and laboratory tests.
- A summary of the subsurface profile and groundwater conditions.
- Discussion identifying the site conditions that will impact structure design and performance, qualifying the nature of their impact, and outlining alternatives for mitigating their impact.
- Discussion regarding the reuse of on-site materials during construction and the impact of groundwater on construction.
- Recommendations for preparing structure subgrades, including excavation support, if applicable, and the selection, placement and compaction of excavation backfill and other structural fill.
- Recommended net allowable bearing pressures for the design of spread footing foundations, and estimated settlements.

Three (3) hard copies (one bound original and two copies) and one (1) electronic copy of our report will be submitted to you. At your request, additional copies can be prepared for other project team members. If you anticipate that additional copies will be needed, please request them prior to the report being completed and forwarded to you so we can prepare a copy list for the recipients and distribute the additional reports expeditiously.

### **Cost Summary**

We will furnish the services described in this proposal for a lump sum fee of \$4530. An itemization of our estimated costs is provided at the end of this proposal on the Cost Estimate sheet. We will not exceed this estimated fee without your authorization through a Change Order.

Our work may extend over multiple invoicing periods. As such, for work that is performed during the course of each invoicing period, we will submit partial progress invoices.

#### **Cost Savings**

If it is determined that the PID evaluation and reporting is not needed, we will reduce our lump sum fee by \$100.

#### **Additional Services**

We have not included potential costs due to the need for snow plowing, towing, stand-by time or work that is not included in the above Scope of Services. Costs for snow plowing or towing (if necessary) will be charged at a rate of 1.15x the actual cost. Costs for stand-by time (defined as time spent by our field crew due to circumstances that are beyond the control of our field crew or its equipment, or beyond the scope of services indicated above) will be charged at a rate of \$220 per hour.

#### **Schedule**

We anticipate our work can be performed according to the following schedule:

- *Drill rig mobilization* – within 1 week following receipt of written authorization;
- *Field exploration* – 1 ½ - 2 days on-site to complete the work;
- *Classification and laboratory testing* – within 2 days following completion of the field exploration;
- *Preliminary results* – as the samples are obtained and reviewed, on or before July 1, 2014;
- *Report submittal* – Completed within approximately 2 to 3 weeks following authorization, on or before July 15, 2014.

If our proposed scope of services cannot be completed according to this schedule due to circumstances beyond our control, we may need to revise this proposal prior to completing the remaining tasks.

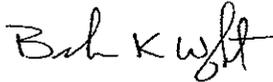
**General Remarks**

We appreciate the opportunity to present this proposal to you. It is provided in duplicate so the original can be retained for your records and the *copy can be signed and returned to us. Please return the signed copy in its entirety.*

The proposed fee is based on the scope of services described and the assumptions that our services will be authorized within 30 days and that others will not delay us beyond our proposed schedule. We include the Braun Intertec General Conditions, which provide additional terms and are a part of our agreement. To have questions answered or schedule a time to meet and discuss our approach to this project further, please contact Brandon Wright at 608.781.7277 or [bwright@braunintertec.com](mailto:bwright@braunintertec.com).

Sincerely,

BRAUN INTERTEC CORPORATION



Brandon K. Wright, PE  
Associate Principal/Project Engineer



Mark Gretebeck  
Principal

- Attachments:  
Cost Estimate  
Certificate of Insurance  
General Conditions (9/1/13)

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The proposal is accepted, and you are authorized to proceed.

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Authorizer's Firm

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Authorizer's Signature

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Authorizer's Name (please print or type)

---

Authorizer's Title

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Date

**BRAUN**  
INTERTEC



# Project Proposal

QTB006280

Well No. 9 Filter Addition and Reconstruction

<b>Client:</b> City of Onalaska Jarrod Holter 415 Main Street Onalaska, WI 54650 608-781-9530	<b>Work Site Address:</b> 860 Eleventh Avenue South Onalaska, WI 54650	<b>Service Description:</b> Geotechnical Investigation
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Project Manager: Nicole Carlson

	Description	Quantity	Units	Unit Price	Extension
<b>Phase 1</b>	<b>Engineering</b>				
<b>Activity 1.1</b>	<b>Truck Mounted Drill Rig and Crew</b>				<b>\$3,275.00</b>
9000	Truck Mounted Drilling Services, per foot	140.00	Each	15.00	\$2,100.00
1087	Mobilization	1.00	Each	1,000.00	\$1,000.00
PERDIEMBILL	Per diem Billable	1.00	Each	175.00	\$175.00
<b>Activity 1.2</b>	<b>Soil Screening/Field analysis</b>				<b>\$100.00</b>
5036	PID w/10.6 eV lamp, per day	2.00	Each	50.00	\$100.00
<b>Activity 1.3</b>	<b>Soils Test</b>				<b>\$90.00</b>
1166	200 wash (ASTM C 117); per sample	2.00	Each	45.00	\$90.00
<b>Activity 1.4</b>	<b>Site Layout - Staking - Utility - Clearance - CADD</b>				<b>\$75.00</b>
205	Site layout and utility clearance	1.00	Hour	75.00	\$75.00
<b>Activity 1.5</b>	<b>Analysis/Evaluation/Reports</b>				<b>\$990.00</b>
3753	Soil Boring Location Sketch Scaled	1.00	Each	120.00	\$120.00
138	Project Assistant	1.00	Hour	55.00	\$55.00
121	Engineer-in-Training	8.00	Hour	85.00	\$680.00
128	Senior Engineer	1.00	Hour	135.00	\$135.00
<b>Phase 1 Total:</b>					<b>\$4,530.00</b>

<b>Proposal Total:</b>	<b>\$4,530.00</b>
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**BOARD OF PUBLIC WORKS  
MONTHLY ESTIMATES  
July 1, 2014**

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
1. <b>STRAND ASSOCIATES (01321)</b> Theater Road Traffic Signal Construction/Engineering Estimate #4	\$ 8,500.00	\$ -	\$ 4,908.27	\$ 534.29
2. <b>ST JOSEPH CONSTRUCTION</b> Theater Road Traffic Signal Construction Estimate #3	\$ 747,906.54	\$ -	\$ 290,363.68	\$ 410,152.56
3. <b>SEH INC. (01375)</b> Pralle Center Drive Study Update Study Estimate #3	\$ 13,000.00	\$ -	\$ 6,500.00	\$ 1,950.00
4. <b>WAPASHA CONSTRUCTION</b> 2013 Reservoir Improvements Construction Estimate #6	\$ 294,991.99	\$ -	\$ 132,596.66	\$ 90,516.03
5. <b>WINONA MECHANICAL</b> Check Valve Project Construction Estimate #2	\$ 321,543.00	\$ -	\$ 146,198.83	\$ 104,968.35
6. <b>MATHY CONSTRUCTION</b> East Main St Construction Estimate #2	\$ 992,959.90	\$ (59,930.00)	\$ 47,153.68	\$ 171,875.90
7. <b>CHIPPEWA CONCRETE SERVICES</b> Marcou Rd Sidewalk Project Construction Estimate #2	\$ 200,685.00	\$ -	\$ 53,712.53	\$ 129,709.60
8. <b>KREIBICH LANDSCAPING LLC</b> 2014 Spring Tree Planting Construction Estimate #2	\$ 39,235.00	\$ -	\$ 15,859.00	\$ 21,632.13

**BOARD OF PUBLIC WORKS  
MONTHLY ESTIMATES  
July 1, 2014**

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
9. <b>AYRES ASSOCIATES (02632)</b> I-90 Sanitary Sewer Design Estimate #8	\$ 35,000.00	\$ -	\$ 32,680.53	\$ 422.08
10. <b>PEMBER COMPANIES</b> Misc. Concrete Project Construction Estimate #1	\$ 94,333.50	\$ -	\$ -	\$ 51,099.41
11. <b>WEISER BROTHERS GENERAL CONTR.</b> Salt Shed Construction Estimate #1	\$ 43,024.00	\$ -	\$ -	\$ 43,884.00
12. <b>BLUE STEM FORESTRY CONSULTING</b> Emerald Ash Borer Study Estimate #2	\$ 3,700.00	\$ -	\$ 4,400.00	\$ 500.00
13. <b>SEH INC. (01375)</b> Private Watermain Loop Design Estimate #7	\$ 16,000.00	\$ -	\$ 15,054.89	\$ 945.11
14. <b>SEH INC. (01375)</b> Reservoir Upgrades Design Estimate #5	\$ 1,850.00	\$ -	\$ 20,907.55	\$ 2,922.24
15. <b>STRAND ASSOCIATES INC</b> Well #7 - Reconstruction/Filter Design Estimate #1	\$ 36,900.00	\$ -	\$ -	\$ 10,650.00