

AGENDA

Board of Public Works Meeting
Tuesday, September 30, 2014 – 7:00 P.M.
Jackson Village Hall
N168W20733 Main Street

1. Call to Order and Roll Call.
2. Approval of Minutes for August 26, 2014, meeting.
3. Review of Ordinance Amendment Dumping of material on lots.
4. Review of Well #1 Inspection Proposals.
5. Review of RFP for Georgetown Drive Construction Project.
6. Building Inspection Department 2015 Budget Presentation.
7. Review of 2015 - Five (5) year Capital Improvements Program.
8. Review of 2015 – Public Works Equipment Program.
9. Review of 2015- Water & Wastewater Utility & Public Works Budget Presentation.
10. Director of Public Works Report.
11. Citizens/Village Staff to address the Board.
12. Adjourn.

Persons with disabilities requiring special accommodations for attendance at the meeting should contact the Village Hall at least one (1) business day prior to the meeting.

It is possible that members of the Village Board may attend the above meeting. No action will be taken by any governmental body at this meeting other than the governmental body specifically referred to in this meeting notice. This notice is given so that members of the Village Board may attend the meeting without violating the open meeting law.

Public Works Report

September 30, 2014

Treatment Plant - Designed Capacity – 1.25 million gallons per day
Peak Flow Capacity – 6.0 million gallons per day

Year 2012

January	Avg. Flow 825,741 g.p.d.	Min. Flow 692,000 g.p.d.	Max. 1.001 MGD
February	Avg. Flow 860,207 g.p.d.	Min. Flow 735,000 g.p.d.	Max. 1.392 MGD
March	Avg. Flow 1.115 MGD	Min. Flow 820,000 g.p.d.	Max. 1.753 MGD
April	Avg. Flow 890,733 g.p.d.	Min. Flow 710,000 g.p.d.	Max. 1.247 MGD
May	Avg. Flow 941,258 g.p.d.	Min. Flow 700,000 g.p.d.	Max. 1.632 MGD
June	Avg. Flow 645,267 g.p.d.	Min. Flow 530,000 g.p.d.	Max. 722,000 g.p.d.
July	Avg. Flow 614,710 g.p.d.	Min. Flow 496,000 g.p.d.	Max. 1.077 MGD
August	Avg. Flow 638,387 g.p.d.	Min. Flow 545,000 g.p.d.	Max. 859,000 g.p.d.
September	Avg. Flow 560,867 g.p.d.	Min. Flow 473,000 g.p.d.	Max. 637,000 g.p.d.
October	Avg. Flow 770,161 g.p.d.	Min. Flow 536,000 g.p.d.	Max. 1.336 MGD
November	Avg. Flow 539,600 g.p.d.	Min. Flow 452,000 g.p.d.	Max. 661,000 g.p.d.
December	Avg. Flow 790,645 g.p.d.	Min. Flow 572,000 g.p.d.	Max. 1.393 MGD

Year 2013

January	Avg. Flow 944,193 g.p.d.	Min. Flow 699,000 g.p.d.	Max. 2.054 MGD
February	Avg. Flow 845,179 g.p.d.	Min. Flow 697,000 g.p.d.	Max. 1.394 MGD
March	Avg. Flow 1.028 MGD	Min. Flow 637,000 g.p.d.	Max. 1.028 MGD
April	Avg. Flow 1.473 MGD	Min. Flow 934,000 g.p.d.	Max. 3.042 MGD
May	Avg. Flow 1.167 MGD	Min. Flow 932,000 g.p.d.	Max. 1.908 MGD
June	Avg. Flow 1.1207 MGD	Min. Flow 859,000 g.p.d.	Max. 1.791 MGD
July	Avg. Flow 777,097 g.p.d.	Min. Flow 643,000 g.p.d.	Max. 1.337 MGD
August	Avg. Flow 673,677 g.p.d.	Min. Flow 551,000 g.p.d.	Max. 1.148 MGD
September	Avg. Flow 629,533 g.p.d.	Min. Flow 532,000 g.p.d.	Max. 761,000 g.p.d.
October	Avg. Flow 688,064 g.p.d.	Min. Flow 600,000 g.p.d.	Max. 884,000 g.p.d.
November	Avg. Flow 763,800 g.p.d.	Min. Flow 660,000 g.p.d.	Max. 1.122 MGD
December	Avg. Flow 697,677 g.p.d.	Min. Flow 564,000 g.p.d.	Max. 802,000 g.p.d.

Year 2014

January	Avg. Flow 695,355 g.p.d.	Min. Flow 626,000 g.p.d.	Max. 822,000 g.p.d.
February	Avg. Flow 659,286 g.p.d.	Min. Flow 581,000 g.p.d.	Max. 874,000 g.p.d.
March	Avg. Flow 941,613 g.p.d.	Min. Flow 611,000 g.p.d.	Max. 1.285 MGD
April	Avg. Flow 1.172 MGD	Min. Flow 814,000 g.p.d.	Max. 3.188 MGD
May	Avg. Flow 947,322 g.p.d.	Min. Flow 688,000 g.p.d.	Max. 1.474 MGD
June	Avg. Flow 1.199 MGD	Min. Flow 732,000 g.p.d.	Max. 2.223 MGD
July	Avg. Flow 846,226 g.p.d.	Min. Flow 670,000 g.p.d.	Max. 1.646 MGD
August	Avg. Flow 743,322 g.p.d.	Min. Flow 603,000 g.p.d.	Max. 1.039 MGD

Years Summary of Water Consumption

2000 Total Pumpage 180,485,400 gallons	2001 Total Pumpage 184,613,300 gallons
2002 Total Pumpage 200,630,000 gallons	2003 Total Pumpage 278,246,000 gallons
2004 Total Pumpage 216,055,000 gallons	2005 Total Pumpage 223,215,000 gallons
2006 Total Pumpage 207,719,000 gallons	2007 Total Pumpage 217,224,000 gallons
2008 Total Pumpage 229,613,000 gallons	2009 Total Pumpage 231,160,000 gallons
2010 Total Pumpage 239,326,000 gallons	2011 Total Pumpage 240,268,000 gallons
2012 Total Pumpage 253,492,000 gallons	2013 Total Pumpage 235,686,000 gallons

Year 2012

Jan. Avg. 574,550 g.p.d.	Highest Day 872,000 gal.	Total 17,811,000 gallons
Feb Avg. 551,100 g.p.d.	Highest Day 712,000 gal	Total 15,982,000 gallons
March Avg. 551,480 g.p.d.	Highest Day 762,000 gal	Total 17,096,000 gallons
April Avg. 624,700 g.p.d.	Highest Day 1.033 MGD	Total 18,741,000 gallons
May Avg. 660,940 g.p.d.	Highest Day 1.115 MGD	Total 20,489,000 gallons
June Avg. 967,300 g.p.d.	Highest Day 1.337 MGD	Total 29,019,000 gallons
July Avg. 1.016 MGD	Highest Day 1.322 MGD	Total 31,510,000 gallons
August Avg. 750,810 g.p.d	Highest Day 1.127 MGD	Total 23,275,000 gallons
Sept Avg. 713,970 g.p.d.	Highest Day 1.031 MGD	Total 21,419,000 gallons
October Avg. 681,610 g.p.d.	Highest Day 1.218 MGD	Total 21,130,000 gallons
Nov Avg. 599,730 g.p.d.	Highest Day 874,000 gal.	Total 17,992,000 gallons
Dec Avg. 613,810 g.p.d.	Highest Day 838,000 gal.	Total 19,028,000 gallons

Year 2013

Jan. Avg. 562,000 g.p.d.	Highest Day 837,000 gal.	Total 17,422,000 gallons
Feb Avg. 549,820 g.p.d.	Highest Day 718,000 gal	Total 15,395,000 gallons
March Avg. 540,520 g.p.d.	Highest Day 725,000 gal	Total 16,756,000 gallons
April Avg. 585,170 g.p.d.	Highest Day 981,000 gal	Total 17,555,000 gallons
May Avg. 595,810 g.p.d.	Highest Day 752,000 gal.	Total 18,470,000 gallons
June Avg. 681,400 g.p.d.	Highest Day 914,000 gal.	Total 20,442,000 gallons
July Avg. 787,230 g.p.d.	Highest Day 1.039 MGD	Total 24,404,000 gallons
August Avg. 796,580 g.p.d.	Highest Day 1.107 MGD	Total 24,694,000 gallons
Sept Avg. 631,500 g.p.d.	Highest Day 838,000 gal.	Total 18,945,000 gallons
Oct Avg. 850,000 g.p.d.	Highest Day 1.13 MGD	Total 26,310,000 gallons
Nov Avg. 568,600 g.p.d.	Highest Day 731,000 gals.	Total 17,058,000 gallons
Dec Avg. 588,230 g.p.d.	Highest Day 701,000 gals.	Total 18,235,000 gallons

Year 2014

Jan. Avg. 620,550 g.p.d.	Highest Day 789,000 gals.	Total 19,237,000 gallons
Feb. Avg. 612,390 g.p.d.	Highest Day 717,000 gals.	Total 17,147,000 gallons
March Avg. 603,710 g.p.d.	Highest Day 678,000 gals.	Total 18,715,000 gallons
April Avg. 602,600 g.p.d.	Highest Day 1.037 MGD	Total 18,078,000 gallons
May Avg. 599,290 g.p.d.	Highest Day 729,000 gals.	Total 18,578,000 gallons
June Avg. 658,000 g.p.d.	Highest Day 815,000 gals.	Total 19,740,000 gallons
July Avg. 684,320 g.p.d.	Highest Day 881,000 gals.	Total 21,214,000 gallons
August Avg. 703,320 g.p.d.	Highest Day 1.019 MGD	Total 21,803,000 gallons

Pump Capacity - Well #1- 400 g.p.m. Well #2 - abandon; Well #3 -900 g.p.m. Well #4 - 1200 g.p.m. Well #5 – 1,100 g.p.m. Well #6 – 800 g.p.m.

WWTP – Holding & Septage Receiving

2005	\$ 87,562.01	2007	\$152,201.07	2009	\$183,815.34	2011	\$220,576.28
2006	\$101,115.11	2008	\$210,441.47	2010	\$197,653.66	2012	\$236,224.70

2012	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,402,300	30,600	23,000	12,200	12,200	\$15,188.15
Feb	1,331,200	46,200	26,000	15,300	51,950	\$15,083.05
March	1,509,600	46,100	44,250	29,000	79,100	\$18,373.15
April	1,330,150	42,600	12,000	60,200	178,200	\$19,300.03
May	1,440,500	42,300	25,200	86,250	201,850	\$22,274.95
June	1,293,750	47,600	31,300	81,900	187,550	\$21,133.28
July	1,290,750	55,400	38,300	58,900	156,700	\$20,062.23
August	1,366,250	42,100	27,000	63,300	168,750	\$20,035.28
September	1,155,650	42,300	21,500	115,950	204,750	\$21,251.08
October	1,363,500	49,500	12,000	149,300	307,750	\$26,673.75
November	1,335,027	34,100	3,500	64,200	245,710	\$20,449.10
December	1,342,050	51,200	23,500	22,900	84,750	\$16,420.93

2013	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,573,249	44,300	8,000	8,050	52,800	\$15,821.33
Feb	1,403,100	47,400		6,450	46,300	\$14,142.85
March	1,518,450	43,800	28,500	7,250	84,100	\$16,957.58
April	1,764,000	68,200	28,500	38,300	294,900	\$26,445.80
May	1,666,950	17,700	9,800	74,900	182,000	\$21,263.19
June	1,432,600	11,400	4,000	85,750	193,200	\$19,694.61
July	1,549,200	19,800		71,300	166,750	\$19,560.46
August	1,483,850	13,900	24,000	64,300	170,100	\$19,559.73
September	1,306,600	33,200	8,000	69,750	208,200	\$19,658.31
October	1,441,750	52,900	17,000	95,550	335,550	\$26,163.73

2013	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,298,100	26,700	8,000	2,000	40,000	\$12,377.30
Feb	1,214,100	42,400	8,000	9,450	16,250	\$12,181.61
March	1,411,000	43,200	5,000	10,300	57,200	\$14,633.31
April	1,634,000	21,800		39,350	191,100	\$19,620.21
May	1,451,750			63,500	199,450	\$18,414.39
June	1,553,200			30,900	253,600	\$19,225.00
July	1,474,650			40,400	205,450	\$17,812.13
August	1,344,650			35,250	187,250	\$16,176.13

Stonewall Ridge Development

We are planning on requiring the final lift of asphalt to be installed in phase 2 of the development. The Village Board has now approved no parking along the east side of Stonewall Drive from Georgetown Drive north to the Stonewall Clubhouse building. Waiting for the developer to propose the new site plan.

Rosewood Drive/TIF #4 Expansion Project

There is a new interest in the property, which could create some development of the project. No change.

Laurel Springs Subdivision

The installation of street trees and final lift of asphalt remain to complete the subdivision.

English Oaks Subdivision

The remaining item is the final lift of asphalt. No change.

CMAQ Grant – Park-n-Ride Lot and Shared Use Path along CTH P

The reimbursement for the construction portion of the project has been received. We are still waiting on the Real Estate reimbursement.

GIS Program

We are continuing to make changes to the mapping. We are working with Mpower for the Integrator upgrade. Major changes to the program are coming. Other items have taken precedence or this project.

Digester Upgrade project

The equipment plans are being reviewed in order for the mixing equipment to be built.

Corridor Study 2040 of STH 60

There has been no new information or a meeting set for the study.

West Shore Pipeline Break

The Jackson Water Expansion Project for the Town of Jackson continues to have weekly construction meetings. Crew one is completing punch list items. The second crew is installing water laterals. The plumber (Horsch & Miller) is completing the permanent connection, and the Jackson Water Utility is working with the plumber to install the water meter. There are 97 water services installed, and 88 services completed with water meters. The Jackson Water Utility is continuing to flow water at the ends of the mains until the permanent flushing stations are installed. The flushing equipment for Crosswind Trail is being installed. The flush station for CTH G will be delivered in the next two weeks. The fix base meter reading installation is in the final stages of completion. We have to date 3082 water accounts and 1196 of those accounts have the flex net radio's. For continued updates of the project please visit the Facebook or the link can be place a web browser to access the page:

<https://www.facebook.com/pages/Jackson-Water-System-Expansion/651657821536857>

Respectfully submitted, Brian W. Kober, P.E.

DRAFT MINUTES

Board of Public Works Meeting

Tuesday, August 26, 2014 – 7:00 P.M.

Jackson Village Hall

N168W20733 Main Street

1. Call to Order and Roll Call.

Chairman Tr. Don Olson called the meeting to order at 7:00 p.m.

Members present: Tr. Jack Lippold, Tr. Scott Mittelsteadt, Brian Heckendorf, Scott Thielmann, and Corinne Benson (7:02 p.m.).

Members excused: Linda Granec.

Staff present: Brian Kober and John Walther.

2. Approval of Minutes for July 29, 2014, meeting.

Motion by Scott Thielmann, second by Brian Heckendorf to approve the minutes of the July 29, 2014, Board of Public Works meeting.

Vote: 5 ayes, 0 nays. Motion carried unanimously.

(Corinne Benson was not present for this item.)

3. Green Valley Lot 36 – Sewer and Water Quarterly Bill.

Director of Public Works, Brian Kober, presented information on the item. David Soliz was to attend on Susan Weed's behalf. He was not present. Pictures were distributed to the board.

Brian commented on the letter of request from Susan Weeds. She thought she had a leak under the toilet but it turned out to be a leak under her tub. The leaks have been repaired. Normally, her quarterly billing is \$169, this bill was \$700. She had paid portion of it; leaving a balance of \$530. (Corinne Benson arrived.) Brian Kober referred to Chapter 16 of the Village Code that the customer is required to have adequate plumbing and required to take care of their leaks.

Normally, these requests are denied. We do not want to set a precedent. She is requesting that the sewer bill be reduced. Tr. Olson commented that since he has been on the Village Board there have been payment plans offered. Brian commented that a payment plan was offered right away. Scott Thielmann commented that while he does feel for the resident, we need to stick to policy. Brian commented that in the future, the Village will have fixed base meter reading and the software will throw up a red flag for leaks. Discussion of not setting precedence ensued.

Motion by Scott Thielmann, second by Tr. Mittelsteadt to Recommend Denial of Claim/Request and for the resident to work with staff on a payment plan.

Vote: 6 ayes, 0 nays. Motion Carried unanimously.

4. Dallmann Village Phase 2 – Master Grading Plan - Update.

Brian Kober reported that fortunately he and John Walther met with Mr. Helmut Toldt today. Also present were Mark and Steve from PTS Contractors.

Brian continued that there was discussion on the grading plan with Mr. Toldt. Also discussed was an access agreement. Mr. Toldt does not see a benefit for the property owner to agree to an access agreement. Brian commented that Clover Lane needs to be addressed before winter. Discussion of the road right-of-way ensued. Discussion of the vegetation and trees causing drainage issues ensued. Discussion of removal of the dirt ensued. Brian gave history that in

1991 the Village approached Erwin Dallmann in regards to a grading plan and requested access. The plan from 2013 is very similar to the one from 1991. There was an easement drawn up and letters from the Village to their attorney. Nothing materialized. Tr. Lippold questioned if the Village could fine the property owner. Discussion ensued of digging at the end of the road and raising a portion of the road up.

5. Director of Public Works Report.

Brian Kober reviewed the Public Works Report.
Motion by Tr. Mittelsteadt, second by Corinne Benson to place the report on file.
Vote: 6 ayes, 0 nays. Motion carried unanimously.

6. Citizens/Village Staff to address the Board.

Brian Heckendorf questioned when the no parking sign will be installed on Stonewall Drive. Brian Kober reported that it will be installed next week.

Tr. Lippold questioned when the line in front of the Community Center will be moved. Brian commented that the County will complete the line on or around September 15. The old line will be removed and the new line will be painted.

7. Adjourn.

Motion by Tr. Lippold, second by Corinne Benson to adjourn at 7:45 p.m.
Vote: 6 ayes, 0 nays. Motion carried unanimously.

DRAFT

Respectfully submitted by: Deanna L. Boldrey



Taking the lead in Washington County.

Memo

To: Board of Public Works
From: Brian W. Kober, P. E., Director of Public Works *BWK*
Subject: Dumping or filling material on Village property
Date: September 26, 2014
CC: Village Board; John Walther, Village Administrator

Due to recent events, staff recommends an ordinance amendment to address a person dumping or filling a property in the Village of Jackson that does not have approval from the Village. The following wording will be formatted into an ordinance, and the proper placement in the Village Code will be determined:

Dumping or filling of material.

a) No person or property owner shall dump, fill or modify a drainage pattern on any unimproved lot in such that the resultant elevation of any part of the lot becomes higher than the elevations at the abutting property lines.

b) In the event of a violation of this section, the Village of Jackson shall notify the owner of the property, in writing, to cause such unimproved lot to be graded to the proper level within 15 days after the date of such notice. Upon failure to comply with such notice, the Village of Jackson may enter upon the premises with such assistance as may be necessary, causing the existing condition to be corrected and the cost of such correction charged against the property and shall be a lien thereon and shall be assessed and collected as a special assessment.

If you have any questions please let me know.

Brian W. Kober, P.E.

N168 W20733
Main Street
Jackson, WI 53037
Phone: 262-677-9001
Fax: 262-677-1710

Mailing Address:
P.O. Box 637

www.villageofjackson.com

Memo

To: Brian Kober
From: Dan Rathke *DR*
CC: Jeff Deitsch
Date: 9/3/2014
Re: Well #1 inspection

I have received 3 bids to remove and inspect well #1

<u>Contact</u>	<u>Quote</u>	<u>Supplementary item – video survey</u>
Water Well Solutions	\$3925.00	\$925.00
CTW Corporation	\$5825.00	N/A
Municipal Well and Pump	\$4977.00	\$900.00

I would like to proceed with Water Well Solutions bid for \$3925.00 and also have this well televised for an additional \$925.00. I feel it is important to have the well televised taking in consideration of the age of the well. Water Well Solutions is the low bid.

Dan Rathke

Water Utility Supervisor



September 3, 2014

Jackson Water Department
N168 W20733 Main Street
Jackson, WI 53037
Attn: Daniel Rathke

Re: Well #1 Pump Repair

Dear Dan:

Per your request, we are providing a proposal for the removal, inspection and re-installation of the deep well pumping equipment at your Well #1 pump station. The information you have provided indicates that the pump is a line-shaft turbine set to 120ft depth on 6" x 1 3/16" column. The column pipe consists of standard couplings with bronze drop-in style bearings with no indication of shaft sleeves on the line shafts.

Below is a description of the requested procedure along with the associated costs:

Labor:

Mobilize a Pump Service Rig along with service truck and two man crew. Erect the pump service rig and perform the complete removal of the vertical turbine pumping equipment. Load components onto our trailer and transport them back to our facility for disassembly and inspection. Replace rubber bearings and rebuild stuffing box as specified in your request. At this point, we must take the extra time to check the shafts for straightness and flame straighten any shafts that are out of tolerance. This step will lend greatly to avoid unnecessary downhole vibration once the pump is placed back into service.

Load equipment and mobilize back to site. Chlorinate the well, re-install the pump and run a short performance test and vibration analysis while pumping to waste to record the well and pump hydraulic characteristics. Collect a series of 2 water samples 24 hrs. apart to be sent to a state approved lab for bacteriological analysis. Clean up the job site and demobilize.

Lump Sum	\$3,925.00
Optional Full color dual axis well televising	\$925.00

Materials:

- 1 3/16" ID Rubber line shaft Bearings (\$13.50/ea)
- Stuffing box bearing (\$30.00)
- Graphite packing (\$30.00)
- Bacti samples (\$30.00/ea)
- Chlorine, tape, anti-seize, splice kit (\$150.00)
- Dual airline assembly (185.00)

Upon completion of our initial inspection a secondary proposal will be provided to the village outlining any additional recommended repairs along with associated costs. Approved repairs will be performed at our standard labor rates.

During our on-site meeting, we had discussed rig setup and the ability for our crew to safely communicate through the existing window on the west side of the well house while removing/re-installing the pump. It is our understanding that your crews would either remove or trim back the tree to allow safe and clear access to the roof hatch for our pump service rig. This will allow us to safely communicate through the window rather than attempt a "blind pull" from the other side of the building.

We greatly appreciate this opportunity to submit a proposal, Should questions or comments arise regarding our proposal, please feel free to contact our office at your convenience. As always, we invite the possibility of a meeting with the utility to discuss this project in further detail. Please remember we are a service company with 24/7 service if so required. We look forward to hearing from you soon.

Most Sincerely,

Peter Bennin

Peter Bennin
Water Well Solutions Service Group, Inc.



CTW Corporation
Wells - Pumps - Controls

August 22, 2014

MR. DAN RATHKE
JACKSON WATER UTILITY
N168W20733 MAIN ST PO BOX 637
JACKSON, WI 53037

Subject: Well #1 Pump Inspection and Service Quote

Dear Dan:

CTW Corporation is happy to be able to provide you with a quote for servicing the pumping equipment at Well #1. Our proposed service work consists of the following:

- Mobilize to site, disconnect, and remove pumping equipment
- Disassemble bowls, perform standard servicing, provide written estimate for any additional work, reassemble bowl to new specifications
- Replace and install rubber lineshaft bearings in spiders
- Rebuild stuffing box with GFO packing, new bronze bushing, and gasket
- Replace oil and grease in the motor
- Disinfect well and pumping components
- Confirm water depth and static water levels
- Install one length of new HDPE airline
- Reinstall pump, adjust impellers, start-up, flush, and sample
- Perform yield test with baseline vibration analysis, forward results for your records

Total Estimated Cost: \$5,825

We will evaluate the column pipe and shafting after we remove the assembly. We can provide any replacement piping at a cost of \$280/10' pipe.

In addition to pump servicing, we offer a full line of well treatment from air impulse development to chemical treatment and brushing. If the specific capacity of your well drops below 10% of original capacity, it may be a good idea to look into treatment otherwise it gets tougher and tougher to restore the capacity. We really do appreciate the opportunity to submit this quote for servicing your well. We look forward to being able to provide our services to the Village of Jackson. Please feel free to contact us with any questions or concerns.

Sincerely,

CTW CORPORATION

A handwritten signature in cursive script that reads "W. Hunter Cummins". The signature is written in black ink and is positioned above the printed name.

W. Hunter Cummins, Engineer



MUNICIPAL
WELL & PUMP
A Division of Midwest Well Services, Inc.

August 25, 2013

Village of Jackson
Attn: Dan Rathke
Water Utility, Supr
Jackson, Wi.

Re: Well #1 Inspection

Dan,

We're writing to provide our proposal to remove and inspect the subject pumping unit. The work scope is detailed as follows:

Well #1 Inspection:

- Mobilize service crew and equipment
- Set up pump service equipment, disconnect pumping unit following a short pre-pull performance test for base-line record
- Remove the 110' set turbine pumping unit
- Disassemble pump bowls for inspection, provide report of all pump equipment & recommendation
- Motor service center inspection & report; inspect gear drive
- Remove and replace shaft bearings, clean/straighten shafts, replace airlines(dual)
- Rebuild stuffing box, including bearing replacement, re-pack/grease
- Return well to service following any applicable authorized repairs(TBD), disinfection, sampling, vibration testing, clean-up, demob of crew and equipment, update pump records, file reports

Total removal/inspection and re-install services above\$ 4977.00

Supplementary Item(s):

- Provide video well survey, if applicable.....\$ 900

Service crews are readily available for service scheduling to meet your needs. If after your review you should have any questions please feel free to contact our office for discussion. We appreciate the opportunity in presenting this proposal and trust it meets your request.

Respectfully,

Municipal Well and Pump

Tracy Greenfield

Tracy Greenfield
Sr Project Mgr/VP



Taking the lead in Washington County.

**VILAGE OF JACKSON
REQUEST FOR PROPOSALS
Engineering Design Service**

The Village of Jackson is requesting a proposal and qualification statement from engineering firms to assist with the street improvements in Georgetown Drive of the Village of Jackson. The construction area consists of Georgetown Drive from Ridgeway Drive to Wilshire Drive. The completed proposals shall be returned to the Engineering Department on or before **4:30 PM on Thursday, October 9, 2014.**

Background Information

1. The asphalt roadway was constructed in the 1970's with a rural cross section design having open ditches on each side of the roadway. In the 1980's the ditches were filled and corrugated metal pipe was used as the piping material to carry the storm water.
2. The Georgetown Drive Reconstruction Project is part of a larger road reconstruction area to be completed in future years.
3. The storm sewer system in Georgetown Drive shall be design to accommodate storm water from a larger drainage area, which is accumulated from adjacent streets.
4. Jackson Elementary School is located west of project zone on Georgetown Drive. Georgetown Drive is used as the bus route, so the reconstruction project will be developed to accommodate the school busing schedule.

Preliminary Engineering

1. Review of preliminary development plans, site visit, and meeting with Village staff to analyze and review scope of project.
2. Study drainage patterns, for proper drainage, and development of water quality pond if necessary.
3. Collect all the necessary data to develop construction plans.

Final Design

1. Sanitary Sewer The Jackson Sewer Utility will verify the condition of the sanitary sewer for replacement. The current understanding is only the chimney section of the

N168 W20733
Main Street
Jackson, WI 53037
Phone: 262-677-9001
Fax: 262-677-1710

Mailing Address:
P.O. Box 637

www.villageofjackson.com

- manhole will be replaced at this time.
2. Storm Sewer Design Storm sewer design for proper drainage of roadway and property abutting the road. All existing storm sewer facilities shall be picked up during the survey of the road. Acquire all necessary permits. All properties will receive a storm sewer lateral.
 3. Water Main Design The Jackson Water Utility will verify the condition of the water main for replacement. The current understanding is the water main is in good condition and does not need to be replaced. Valves, valve boxes, curb stops, curb stop boxes may need replacing.
 4. Roadway Facilities 810 feet of local road with asphalt pavement, concrete curb and gutter, and 5 ft sidewalk on both sides of roadway.

Construction Services (if the project continues)

1. Attend pre-construction meeting and field meeting with Village Staff and Contractor.
2. Provide construction staking.
3. Provide construction inspection and management.
4. As-built survey, to confirm accurate construction.

Project Schedule (Tentative)

Request for proposal due	October 9, 2014
Village Board - Contract Award	October 14, 2014
Preliminary Design, with estimated cost	December 2014
Prepare construction documents and spec	February 2015
Advertise Bids	March 2015
Open Bids	April 2015
Award Contract	May 2015
Complete Construction	Mid-August 2015

Consultant Engineer Qualifications

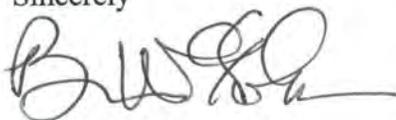
1. Qualifications of the key staff persons to be assigned to perform their scope of work, their experience and special skills.
2. Experience of firm in projects of similar scope.

Proposal

		<u>Time & Material Cost, not to exceed</u>	
1.	Preliminary Engineering	\$	
2.	Final Design	\$	
3.	Preparing the Construction Bid Documents	\$	
4.	Construction Services		
	a. Construction Staking	\$	Per hour
	b. Construction Inspection	\$	Per hour
	c. As-Built Survey	\$	
	or lump sum	\$	
Total Amount		\$	

If you have any questions regarding this Request for Proposal or if you would like to review this project in detail, please give me a call at 677-9001.

Sincerely



Brian W. Kober, P.E.
Director of Public Works

Enclosures

