

AGENDA

Board of Public Works Meeting

Tuesday, November 28, 2017

Not before 7:00 p.m. and immediately following the Budget Public Hearing.

Jackson Village Hall

N168W20733 Main Street

Jackson WI 53037

1. Call to Order and Roll Call.
2. Approval of Minutes for October 31, 2017 meeting.
3. Septic Receiving Rate Study Presentation – Town & Country.
4. Pay Request #1 – SCADA System Project – LW Allen.
5. Update on Contesting the WPDES General Permit for Waste Water Plant.
6. Village owned parcel containing ANR pipeline facility/Easement – Larry Hamlin.
7. Review of Proposal for Water Rate Analysis Investigations – City Water
8. Review of Quote for Lawn Mower Purchase to Replace Existing.
9. Review of Quotes for Patrol Plow Truck Purchase.
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.

**APPROVED Public Works Meeting
Tuesday, October 31, 2017 –7:00 p.m.
Jackson Village Hall
N168W20733 Main Street**

1. Call to Order and Roll Call.

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

Members present: Brian Heckendorf, Gloria Teifke, Scott Thielmann, Tr. Kufahl, and Linda Granec.

Members absent (excused): Tr. Olson

Staff present: Chief Dolnick, Jim Micech, Brian Kober, John Walther, Kelly Valentino, Chief Swaney, and Deanna Boldrey.

2. Approval of Minutes for September 26, 2017, meeting.

Motion by Scott Thielmann, second by Brian Heckendorf to approve the minutes of the September 26, 2017, Board of Public Works meeting.

Vote: 6 ayes, 0 nays. Motion carried.

3. Chateau Dr. Reconstruction Project – Driveway Design / Punch List Discussion.

A special meeting was called the day after the October Village Board meeting, October 11, 2017 to discuss concrete issues and landscaping. During the meeting, the recommendation was to present at the next Board of Public Works meeting the findings at the meeting. Tom Lanser of Gremmer and Associates and Tim Lemke of Zenith Tech were present to explain the findings. Tom Lanser of Gremmer and Associates described the Statewide Urban Terrace Width Standards for driveways. The design is to accommodate a larger turning radius. Tim Lemke of Zenith Tech commented that a two year guarantee is in place for the concrete instead of a one year guarantee. The guarantee would allow the concrete exposed to two freeze thaw cycles. The landscaping will be addressed in the spring. This item was for informational only so action was taken.

4. Village owned Parcel Containing ANR Pipeline Facility / Easement – Larry Hamlin.

Larry Hamlin was not at the meeting. The area is south of Hickory Lane between Pine and Linden Circle. The process would be a title search and survey. Gremmer and Associates quoted the amount of \$5,800 for phase one and then special assess the properties. Phase two would be the re-platting of the properties for \$4,300.

Motion by Tr. Kufahl, second by Linda Granec to refer the item to the next meeting and allow Mr. Hamlin to present his request to do the project.

Vote: 6 ayes, 0 nays. Motion carried.

5. Update on Reconstruction Water and Street Department Building.

Review of Quotes for Ventilation System for Vehicle Area.

Brian reported on the Ventilation System. He referenced to the Conditional Approval from the Department of Safety and Professional Services with regard to an exhaust ventilation system. He commented that this is a requirement by the State. Two quotes were received. The recommendation is to use Matenaer Plumbing Inc. for the installation of the ventilation unit at a total cost of \$59,345.00.

Motion by Brian Heckendorf, second by Linda Granec to recommend the Budget & Finance Committee and the Village Board accept the bid from the Matenaer Plumbing Inc. for the installation of the ventilation not to exceed \$59,345.

Vote: 4 ayes, 2 nays (Tr. Kufahl and Tr. Lippold). Motion carried.

6. Review of Proposed RFP for Engineering Service – Ridgeway Dr. Reconstruction Project.

Brian reported that this was discussed during the capital improvements discussion and in order for the project to be constructed next year, surveying needs to be done this year. The results of the RFPs will be taken directly to the Budget & Finance and Village Board for approval in order to have surveying completed this year.

Motion by Tr. Kufahl, second by Scott Thielmann recommend advertising the Request for Proposals and move the item directly to the Budget & Finance and Village Board for the Ridgeway Drive Reconstruction Project.

Vote: 6 ayes, 0 nays. Motion carried.

7. Director of Public Works report.

Brian Kober gave the report. The Village will receive new banners for the Holiday season. Twenty five trees will be planted in Glen Brooke subdivision to replace the dead Ash Trees. Motion by Linda Granec, second by Brian Heckendorf to place the Director of Public Works report on file.

Vote: 6 ayes, 0 nays. Motion carried.

8. Citizens/Village Staff to Address the Board.

Debbie Kurtz commented on the Chateau Drive Project.

Dan and Kristen Pommer of Chateau Drive commented on the meeting and the driveway approaches. He showed a picture of his driveway.

Tim Lemke of Zenith Tech commented on the concrete and that he will meet with Mr. and Mrs. Pommer.

Tr. Lippold read the email in regards to Chateau Drive.

Casey Latz reported that the warranty does work on the concrete from her past experience.

Jim Micech reported that the Pallet Company owner is cleaning up the property.

Tr. Lippold commented he had wanted discussion of the new public safety building land acquisition on this agenda or the Village Board agenda.

John Walther commented that he is working with the State Senator's office in regards to getting the railroad repaired before the end of the year. The County is willing to help with the detour.

9. Adjourn.

Motion by Tr. Kufahl, second by Linda Granec to adjourn at 8:10 p.m.

Vote: 6 ayes, 0 nays. Motion carried.

Respectfully submitted by: Deanna L. Boldrey, Village Clerk-Treasurer

Agenda item documents were not received in time to be part of the packet.

The information will be distributed at the meeting.

Contractor's Application for Payment No. 1-Partial

Application Period:		Application Date: 11/1/2017
To (Owner): Village of Jackson N168 W20733 Main Street Jackson, WI 53037	From (Contractor): LW Allen 4633 Tompkins Drive Madison, WI 53716	Via (Engineer): Town & Country Engineering, Inc. 2912 Marketplace Drive, Suite 103 Madison, WI 53719
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: JK 03

Application For Payment Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1	\$33,524.00	
TOTALS	\$33,524.00	\$0.00
NET CHANGE BY CHANGE ORDERS	\$33,524.00	

1. ORIGINAL CONTRACT PRICE.....	\$ 506,231.00
2. Net change by Change Orders.....	\$ 33,524.00
3. Current Contract Price (Line 1 + 2).....	\$ 539,755.00
4. TOTAL COMPLETED AND STORED TO DATE	\$ 149,741.00
5. RETAINAGE:	
a. 5.0% X \$ 149,741.00 Work Completed.....	\$ 7,487.05
b. 0.0% X \$ 0.00 Stored Material.....	\$ -
c. Total Retainage (Line 5.a + Line 5.b).....	\$ 7,487.05
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....	\$ 142,253.95
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$
8. AMOUNT DUE THIS APPLICATION.....	\$ 142,253.95

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application

Contractor Signature

By: L. W. Allen Date: 11/9/17

Payment of: \$ 142,253.95
(Line 8 or other - attach explanation of the other amount)

is recommended by: [Signature] 11/9/17
(Engineer) (Date)

Payment of: \$ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____
(Owner) (Date)

APPLICATION FOR PAYMENT NO. 1 - PARTIAL

PAGE 2 OF 2

To: Village of Jackson (OWNER)
 From: LW Allen, 4633 Tompkins Drive, Madison WI 53716 (CONTRACTOR)
 Project: 2016 Wastewater Treatment Facility SCADA Upgrade
 Engineer's Project Number: JK 03 For work accomplished through: 11/1/2017 Payment Request date: 11/1/2017

ITEM NO.	DESCRIPTION OF WORK	CONTRACTOR'S SCHEDULE OF VALUES				PREVIOUS REQUESTS		THIS PERIOD		TOTAL COMPLETED	
		QUANT.	UNITS	UNIT PRICE	AMOUNT	QUANT.	AMOUNT	QUANT.	AMOUNT	QUANT.	AMOUNT
BASE BID		1 lump sum		\$ 399,618.00	\$ 399,618.00	0	\$ -	0.25	\$ 99,555.00	0.25	\$ 99,555.00
	Allowance Item A - Computers	1 lump sum		\$ 25,000.00	\$ 25,000.00	0	\$ -	0.00	\$ -	0.00	\$ -
	Allowance Item B - Software	1 lump sum		\$ 15,000.00	\$ 15,000.00	0	\$ -	0.00	\$ -	0.00	\$ -
	Alternate Bid Items				\$ -	0	\$ -		\$ -		\$ -
A-01	Replace all plug-in relays in LCP-A with new relays	1 lump sum		\$95.00	\$ 95.00	0	\$ -	0.00	\$ -	0.00	\$ -
A-02	Replace existing hard-wired alarm dialer at panel LCP-A with a new 4-channel unit to be used as backup alarm dialer	1 lump sum		\$1,550.00	\$ 1,550.00	0	\$ -	0.00	\$ -	0.00	\$ -
A-03	Replace 3 existing 40 HP Raw Sewage Pump VFDs & backup contactors in MCC-RS with new Ethernet connected VFDs	1 lump sum		\$35,721.00	\$ 35,721.00	0	\$ -	1.00	\$ 35,721.00	1.00	\$ 35,721.00
C-01	Replace all plug-in relays in LCP-C with new relays	1 lump sum		\$156.00	\$ 156.00	0	\$ -		\$ -		\$ -
D-01	Replace all plug-in relays in LCP-D with new relays	1 lump sum		\$238.00	\$ 238.00	0	\$ -	0.00	\$ -	0.00	\$ -
D-02	Replace existing MCC-D with new construction. Provide buck wiring functionally per Sequence of Operations	1 lump sum		\$14,465.00	\$ 14,465.00	0	\$ -	1.00	\$ 14,465.00	1.00	\$ 14,465.00
D-03	Replace existing cover height monitoring switches with ultrasonic level sensors	1 lump sum		\$13,800.00	\$ 13,800.00	0	\$ -	0.00	\$ -	0.00	\$ -
E-01	Replace all plug-in relays in LCP-E with new relays	1 lump sum		\$230.00	\$ 230.00	0	\$ -	0.00	\$ -	0.00	\$ -
G-01	Replace all plug-in relays in LCP-G with new relays	1 lump sum		\$80.00	\$ 80.00	0	\$ -	0.00	\$ -	0.00	\$ -
H-01	Replace all plug-in relays in LCP-H with new relays	1 lump sum		\$278.00	\$ 278.00	0	\$ -	0.00	\$ -	0.00	\$ -
SUBTOTAL WORK ITEMS					\$ 506,231.00	\$ -		\$ 149,741.00		\$ 149,741.00	

CHANGE ORDERS

CO 1	Change Order #1	1.00 lump sum		\$ 33,524.00	\$ 33,524.00	0	\$ -	0	\$ -	0	\$ -
					\$ -						
TOTAL WORK ITEMS AND CHANGE ORDERS					\$ 539,755.00	\$ -		\$ 149,741.00		\$ 149,741.00	

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

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



October 31, 2017

Vanessa D. Wishart
Stafford Rosenbaum
222 West Washington Avenue, Suite 900
P.O. Box 1784
Madison WI 53701-1784



Subject: Wis. Stat. s. 283.63 Petition challenging the terms of WPDES Permit No. WI-0021806-07-0
Reissued to the Village of Jackson (DNR-17-061)

Dear Ms. Wishart:

The purpose of this letter is to grant your request for a contested case hearing filed on October 20, 2017 on behalf of the Village of Jackson regarding the terms and conditions of WPDES Permit No. WI-0031470-07-0. This WPDES permit took effect on October 1, 2017.

The Department is hereby granting a hearing on the issues raised in your petition. Your petition is granted with respect to the following issues:

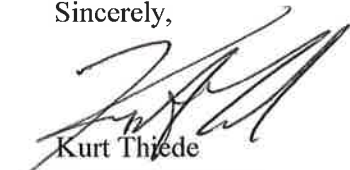
1. Are the final water quality based effluent limits (WQBELs) for phosphorus and related compliance schedule provisions in sections 3.2.1, 3.2.1.4, 3.2.1.5, and 5.1 of the permit reasonable and necessary?

Insofar as your petition seeks to raise any other issue not identified above, the request for hearing is denied.

You may seek judicial review of the final decision included in this letter. To do so, you must file a petition in the appropriate circuit court and serve the petition on the Department within 30 days after the date this letter was mailed or otherwise served by the Department. A petition for judicial review must name the Department of Natural Resources as the respondent.

If the Village of Jackson is interested in meeting with Department staff to discuss the petition, or if you have any questions regarding the decisions in this letter, please contact Andrew Simek, Legal services at (608) 264-6009.

Sincerely,



Kurt Thiede
Deputy Secretary

**STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES**

IN RE: Village of Jackson

**PETITION FOR
CONTESTED CASE
HEARING**

WPDES Permit No. WI-0021806-07-0

TO: THE DEPARTMENT OF NATURAL RESOURCES

The Petitioner, the Village of Jackson (“Village”), by its attorneys, Stafford Rosenbaum LLP, hereby petitions the Wisconsin Department of Natural Resources (“Department” or “DNR”), pursuant to Wis. Stat. § 283.63 and Wis. Admin. Code chapter NR 2 and §§ NR 203.14 through NR 203.20, to conduct a contested case hearing on WPDES Permit No. WI-0021806-07-0, issued, September 22, 2017 (“Permit”). This petition seeks to review the establishment of a water quality based effluent limitation (“WQBEL”) and compliance schedules for phosphorus in the Permit, and the reasonableness of and necessity for this WQBEL and other associated terms and conditions of the Permit. A copy of the Permit and the Notice of Final Determination are attached as Exhibit A to this Petition.

In support of this Petition, the Village alleges as follows:

PARTIES

The Petitioner, the Village of Jackson, is a village organized and existing under Wis. Stat. ch. 61, and located in Washington County, with its principal offices at W194N16658 Eagle Drive, Jackson, WI.

The Respondent, Wisconsin Department of Natural Resources, is an agency of the State of Wisconsin as defined in Wis. Stat. § 227.01 with its principal offices at 101 South Webster Street, Madison, Wisconsin 53703. The Department is charged with the duty and powers to regulate wastewater discharges to the waters of the State.

STANDING OF PETITIONER

As the permit applicant, the Village is entitled as a matter of right under Wis. Stat. § 283.63 (1), to review by the Department of “the reasonableness of or necessity for any term or condition of any issued, reissued or modified permit,” and of “any water quality based effluent limitation established under s. 283.13(5).”

BACKGROUND

Point source discharges to waters of the State require a Wisconsin Pollution Discharge Elimination System (“WPDES”) permit under the provisions of Wis. Stat. ch. 283.

The Village operates a municipal wastewater treatment facility, located at W194N16658 Eagle Drive, Jackson, WI, which discharges treated wastewater under the terms of a WPDES permit, to Cedar Creek. The Village facility has annual average design flow of 1.69 million gallons per day (MGD) but its average flow is about 0.88 MGD.

According to DNR’s website, Cedar Creek is listed as impaired for total phosphorus from stream mile 5 to 32.7, which includes the point of discharge from the Village of Jackson WWTP. However, the DNR website also states that

“available biological data do not indicate impairment (i.e. no macroinvertebrate or fish Index of Biotic Integrity (IBI) scored in the "poor" condition category).”

On September 22, 2017, the Department issued the Permit with an effective date of October 1, 2017, and an expiration date of September 30, 2022. The Notice of Final Determination was also issued on the same day. *See* Ex. A.

The Permit provides for a final WQBEL for phosphorus of 0.075 mg/l and 1.06 lbs/day as six-month averages and 0.225 mg/L as a monthly average. In addition, the final permit includes new language establishing when and how these limits are final. Permit Section 3.2.1.4 provides in relevant part, as follows:

The final water quality based effluent limit for phosphorus is 0.075 mg/L as a six month average, 0.225 mg/L as a monthly average, and 1.06 lbs/day as a six month average, and will take effect per the Phosphorus schedule in the Schedules section of the permit unless:

(A) As part of the application for the next reissuance, or prior to filing the application, the permittee submits either: 1.) a watershed adaptive management plan and a completed Watershed Adaptive Management Request Form 3200-139; or 2.) an application for water quality trading; or 3.) an application for a variance; or 4.) new information or additional data that supports a recalculation of the numeric limitation; and

(B) The Department modifies, revokes and reissues, or reissues the permit to incorporate a revised limitation before the expiration of the compliance schedule.

Section 5.1 of the Permit establishes a compliance schedule for implementing the WQBEL for phosphorus.

CHALLENGED PERMIT CONDITIONS

The Village challenges and seeks review of the reasonableness and necessity of the effluent limitations for phosphorus in Sections 3.2.1 , 3.2.1.4 and 3.2.1.5, and the related compliance schedule in Section 5.1.

CLAIMS FOR RELIEF

FIRST CLAIM: THE FINAL WQBEL FOR TOTAL PHOSPHORUS IS UNREASONABLE AND UNNECESSARY

1. Wis. Admin. Code § NR 102.06(7) acknowledges that site-specific limits for phosphorus may be appropriate for certain stream segments and provides as follows:

(7) SITE-SPECIFIC CRITERIA. A criterion contained within this section may be modified by rule for a specific surface water segment or waterbody. A site-specific criterion may be adopted in place of the generally applicable criteria in this section where site-specific data and analysis using scientifically defensible methods and sound scientific rationale demonstrate a different criterion is protective of the designated use of the specific surface water segment or waterbody.

2. The Village discharges to Cedar Creek, which is classified as warm water sport fish. Segments of Cedar Creek, including the location of discharge from the Village WWTP, are listed as impaired for total phosphorus. However, available biological data do not indicate impairment. The imposition of a WQBEL based on a potentially incorrect water quality criterion is unreasonable and unnecessary.

3. The Village intends to gather additional data to support a site-specific limit under Wis. Admin. Code § NR 102.06(7) and the associated request for a rule change. The current process for obtaining a site-specific limit is not likely to take any less than 5 years, and could well take more time.

4. Notwithstanding the foregoing, under the terms of the Permit, the existing phosphorus limits of 0.075 mg/l and 1.06 lbs/day as six-month averages and 0.225 mg/L as a monthly average are final limits if the Department does not

modify or reissue the Permit to incorporate a revised site-specific limitation prior to the expiration of the compliance period. In such a case, the Petitioner would be without an adequate remedy and therefore must challenge the existing limit at this time.

**SECOND CLAIM: THE COMPLIANCE SCHEDULE ASSOCIATED WITH THE
PHOSPHORUS LIMITATIONS ARE UNREASONABLE**

5. The compliance schedule provides among other things that the Village must undertake a study of feasible alternatives, a compliance alternatives status report, a preliminary compliance alternative plan, and a final compliance alternatives plan within this permit term.

6. The scope of these analyses will be substantially and materially different if the Village can demonstrate that a different limit is appropriate. Undertaking such plans at this time is unreasonable and unnecessary.

REQUEST FOR RELIEF

For the foregoing reasons, the Petitioner requests a contested case hearing pursuant to Wis. Stat. § 283.63, and Wis. Admin. Code §§ NR 203.14 to NR 203.20, on the WQBEL for phosphorus and the associated compliance schedules included in the Village's WPDES Permit, dated September 22, 2017.

Respectfully submitted, this ____ day of October, 2017.

STAFFORD ROSENBAUM LLP

By: _____
Paul G. Kent (SBW#1002924)
Vanessa D. Wishart (SBW#1089710)
222 W. Washington Avenue, Suite 900

September 26, 2017

Village of Jackson
N168 W20733 Main Street
Jackson, WI 53037

Attn: Brian Kober, P.E., Director of Public Works

I would like possession of the vacant strip of land West of our Lot
Line and East of the Pipeline easement. N165 W19955 Hickory
Lane, Jackson, Wisconsin.

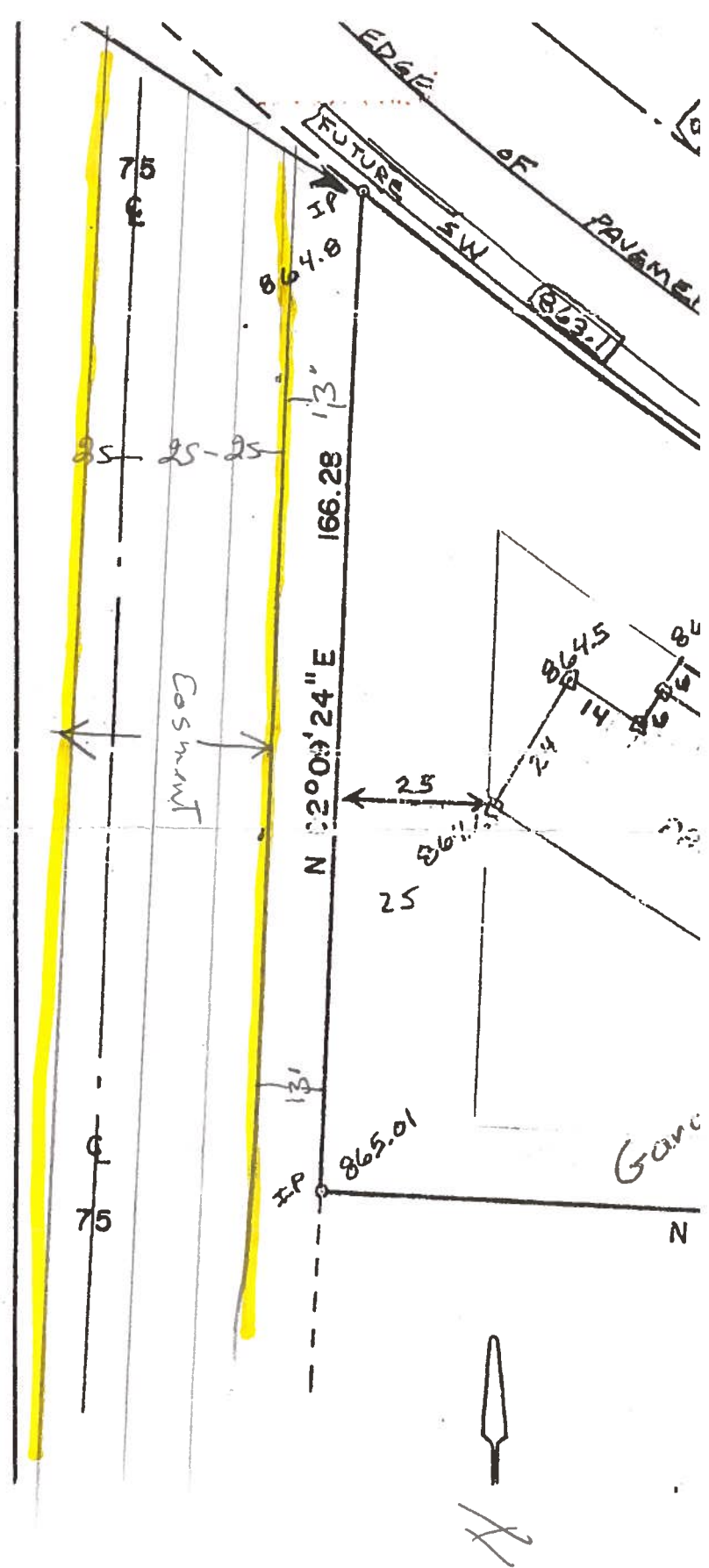
Sincerely yours,

Larry Hamlin

A handwritten signature in black ink, appearing to read 'Larry Hamlin', written over the printed name.

CC: file

Land Hauling
 PW. Meeting Oct 31st



October 25, 2017

Village of Jackson
N168 W20733 Main Street
Jackson, WI 53037

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

Subject: Proposal for Surveying Services
Village owned parcel containing ANR pipeline facility/easement

Dear Mr. Kober:

Thank you for the opportunity to provide a proposal to survey the Village owned parcel containing ANR pipeline facilities and associated easement, located west of Linden Circle and south of Hickory Lane. We look forward to maintaining our excellent working relationship with you by providing quality and efficient service that the Village can expect when working with Gremmer & Associates. The following is Gremmer & Associates' proposal to provide surveying services for the proposed project. Hereinafter, the Village of Jackson will be referred to as the OWNER and Gremmer & Associates, Inc. as the ENGINEER.

SCOPE OF WORK

The ENGINEER will provide the following services. Items of work not specifically mentioned below shall be considered additional services.

Phase 1:

1. Complete a boundary survey for the "park" land owned by the Village lying between Pinehurst Additions No. 6, 7, and 8 (as well as the northwest corner of Dallmann Village and maybe the northeast corner of Rivers Bluff subdivisions) to determine Village owned area.
2. Order (and ultimately research/review) a title search of the Village owned land to determine the original ANR easement limits.
3. Put together an exhibit showing the findings.
4. Stake with lath in the field.

Phase 2: (If the OWNER decides to move forward with land swap):

1. Individual plat of surveys and descriptions for each of the abutting properties (assume 17 properties).
2. Final monumentation at each property corner.

OWNER'S RESPONSIBILITY

1. Transferring the parcel descriptions onto the appropriate legal conveyance document (quit claim deed, warranty deed, etc.).
2. Payment of any governmental review/recording fees.
3. Legal counsel (if applicable).

COMPENSATION

ENGINEER'S lump sum fee to complete the survey work, as listed in the Scope of Work section of this document is as follows:

Phase 1 = \$5,800

Phase 2 = \$4,300

The ENGINEER shall prepare monthly invoices based upon a percent complete basis for services provided during the billing cycle. Invoices shall be paid by the OWNER within 30 days of OWNER'S receipt of said invoice.

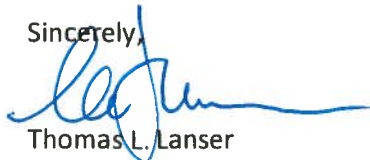
Additional services, at the request of the OWNER, will be billed according to the attached Professional Services Fee Schedule, dated May 1, 2017, and labeled Exhibit A.

GENERAL TERMS & CONDITIONS

ENGINEER's services will be performed in accordance with the attached General Terms and Conditions, dated May 1, 2017, and labeled Exhibit B. The receipt of a signed copy of the Agreement shall be considered as authorization to proceed with the services described.

Thank you again for the opportunity to propose on the subject project. If you have any questions or comments, please contact me at (920) 924-5720.

Sincerely,



Thomas L. Lanser
President
Gremmer & Associates, Inc.

If this proposal is acceptable, please sign below and return one copy to me for our files.

For the OWNER: Village of Jackson

Name

Date

Title

Exhibit A



PROFESSIONAL SERVICES FEE SCHEDULE

May 1, 2017 to April 30, 2018

Project Manager.....	\$130.00/hour
Project Engineer	\$115.00/hour
Senior Designer / Civil Engineer V	\$100.00/hour
Professional Land Surveyor / Survey Crew Chief.....	\$94.00/hour
One-man Survey Crew with GPS	\$120.00/hour
Civil Engineer IV / Engineering Specialist V	\$90.00/hour
Civil Engineer III / Engineering Specialist IV	\$84.00/hour
Civil Engineer II / Engineering Specialist III.....	\$78.00/hour
Civil Engineer I / Engineering Specialist II.....	\$72.00/hour
Engineering Specialist I / Civil Engineering Technician III	\$65.00/hour
Civil Engineering Technician II	\$60.00/hour
Civil Engineering Technician I	\$55.00/hour
Office Services	\$52.00/hour
Mileage	Current IRS rate
Meals, lodging, air travel, telephone, supplies, postage.....	At Cost
Printing Services (In-house)	
Photocopies (black & white)	\$0.10/impression
Photocopies (color)	\$0.25/impression
Large Format Plots (black & white)	\$1.00/S.F.
Large Format Plots (color).....	\$2.00/S.F.
Mylar.....	\$2.00/S.F.
Printing Services (Outside Service)	At Cost
Expert Witness	\$200.00/hour

Note: Office Services, Civil Engineering Technician, and Engineering Specialist I-III are paid time and one-half their actual wage for overtime. The respective billed rate will be approximately 18% higher than the published rate to account for the overtime rate.



GENERAL TERMS AND CONDITIONS

May 1, 2017 to April 30, 2018

1. This agreement, upon execution by both parties hereto, can be amended only by written instrument signed by both parties. As the project progresses, facts uncovered may reveal a change in direction, which may alter the scope. Gremmer & Associates, Inc., will promptly inform the Owner in writing of such situations so that changes in this agreement can be negotiated as required. In the event the Owner orders additional work to be performed and a written instrument is not executed by both parties, the Owner shall be responsible for all costs associated with the additional work.
2. Costs and schedule commitments shall be subject to renegotiation for delays caused by the Owner's failure to provide specified facilities or information, or for delays caused by unpredictable occurrences, including without limitation, fires, floods, riots, strikes, unavailability of labor or materials, delays or defaults by suppliers of materials or services, shutdowns, acts of God or the public enemy, or acts or regulations of any governmental agency. Temporary delay of services caused by any of the above, which results in additional costs beyond those outlined, may require renegotiation of this agreement.
3. Payment is due to Gremmer & Associates, Inc., upon 30 days of receipt of the invoice for professional services rendered. Failure to make any payment when due is a breach of this Agreement and will entitle Gremmer & Associates, Inc., at its option, to suspend or terminate the Agreement and the provisions of the Scope of Work. Interest of 1.5 percent per month (18 percent per annum) will accrue on accounts overdue by 30 days.
4. The Owner shall make available to Gremmer & Associates, Inc., all relevant information or data pertaining to the project which is required to perform the Scope of Work.
5. Gremmer & Associates, Inc., will provide and exercise the standard of care, skill and diligence required by customarily accepted professional practices normally provided in the performance of the services at the time and the location in which the services were performed.
6. Gremmer & Associates, Inc., will maintain insurance coverage in the following amounts:

Worker's Compensation	Statutory
General Liability	
General Aggregate	\$2,000,000
Operations / Injury	\$1,000,000
Automobile Liability	
Liability / Injury	\$1,000,000
Property Damage	Value or Repair
Professional Liability Insurance	\$1,000,000
Umbrella Liability Insurance	\$2,000,000

7. Termination of the agreement by the Owner or Gremmer & Associates, Inc., shall be effective upon seven (7) days written notice to the other party. The written notice shall include the reasons and details for termination. Gremmer & Associates, Inc., will prepare a final invoice showing all charges incurred through the date of termination. The Owner agrees to pay Gremmer & Associates, Inc., for the services performed to the date of termination.
8. Gremmer & Associates, Inc., intends to serve as the Owner's professional representative for those services as defined in this agreement and to provide advice and consultation to the Owner as a professional. Any opinions of probable project costs, approvals, and other decisions made by Gremmer & Associates, Inc., for the owner are rendered on the basis of experience and qualifications and represent our professional judgment. The Owner recognizes that Gremmer & Associates, Inc., does not have control over the costs of labor, materials or equipment, or over competitive bidding methods. Accordingly, Gremmer & Associates, Inc., does not make any commitment or assume any duty to assure that bids or negotiated prices will not vary from any cost opinions prepared by Gremmer & Associates, Inc.
9. This agreement shall not be construed as giving Gremmer & Associates, Inc., the responsibility or authority to direct or supervise construction means, methods, techniques, sequence, or procedures of construction selected by contractor or subcontractors, or the safety precautions and programs incident to the work of the contractors or subcontractors.
10. The Owner releases Gremmer & Associates, Inc., from any liability and agrees to defend, indemnify and hold Gremmer & Associates, Inc., harmless from any and all claims, damages, losses, and/or expenses, direct or indirect, or consequential damages, including but not limited to attorney's fees and charges, and court and arbitration costs, arising out of, or claimed to arise out of, the performance of the services, except liability arising from the negligence of Gremmer & Associates, Inc.

October 31, 2017



Brian Kober, P.E.
Director of Public Works
Village of Jackson
P.O. Box 147
Jackson, WI 53037
dirpubwks@villageofjackson.com

RE: Proposal for Rate Analysis Investigations

Brian:

Thank you for the opportunity to assist the Village of Jackson Water Utility with Rate Analysis Investigations. This proposal outlines the project objectives, our detailed scope of services, and professional fees for the project. Our goal is to prepare a Proforma Water Utility rate case to plan the optimal way for the Village to improve bond ratings, and calculate Impact Fees that help recover cost of planned Capital Improvements from new development.

Scope of Services:

Task 1: Review Previous PSC Reports and Rate Cases

Our first task will be to review the previous 10 years of PSC reports. In doing so we will examine historical income, expenses (operation and maintenance), and capital costs of the water utility. We will use the financial history of the Utility to gain insights into the financial performance of the system. The knowledge gained in this exercise will provide us with a firm understanding of what the utility has done thus far regarding revenue and expenses. We will also summarize the Utility's historical rates over this time period.

Rate Analysis is a management tool meant to assist staff in making decisions to ensure the health and sustainability of the Utility in the future. Examining the 2010 full rate case and the 2017 simplified rate case allows us to understand the current position of the Utility and therefore make the proper recommendations moving forward.

Task 2: Prepare Proforma Rate Analysis

Based on the information gathered in task 1, plus 2018 draft budget numbers we will prepare a Proforma 2018 test year rate case. The Proforma will provide us an indication of whether a Simplified Rate Case (3%) or a full rate case will be necessary to insure the long term financial health of the water utility. Also included in this step will be a detailed review of the Master Plan and the near-term Capital Improvement needs at the Utility.

Task 3: Calculate Impact Fee

Impact Fees are enacted by municipalities on developers to pay for capital costs that are directly associated with accommodating land development. These fees are important to the Jackson Water Utility because the Utility currently operates without debt. It is important to set the impact fees appropriately, so the Utility does not under-collect from development, requiring the Utility to borrow for future capital needs.

It is also important for the Utility to maintain a favorable bond rating. This is important should the water utility decide to assume debt for future capital projects. The higher the bond rating, the more favorable the rates the utility will receive should they go out to bond (borrow).

Task 4: Prepare Report with Recommendations for the utility rate case, and impact fees for Water Utility

After detailed analysis of all the utility finances, we utilize insights gained from tasks, one, two and three to prepare a report that will provide recommendations for the utility rate case and impact fees for the Water Utility. We understand that the Utility's bond rating is valuable, and our goal is to provide guidance to improve the financial health of the Utility, and further strengthening the Utility bond rating. This strategically positions the Utility for future capital expenditures as necessary.

COMPENSATION

City Water LLC will complete a report based on the tasks outlined in the scope of services detailed above for the following lump sum fee:

Item	Lump Sum Cost
Rate Analysis, Impact Fees, and Report	\$2,500
Total	\$2,500

Meetings with the Village staff and/or board will add an additional \$300/per meeting, which includes time and mileage, and all necessary City Water staff.

We appreciate the opportunity to assist the Jackson Water Utility in completing this rate analysis. Please contact me if you have any questions 414.559.2562

Sincerely,

Jasmine Carter-Ward
Business Manager
City Water LLC

No. 3534

☐ INVOICE ☒ SALES QUOTATION ☐ PURCHASE ORDER • Agriculture • Light Construction • Landscape

St. Lawrence Equip. Inc.

4889 Hwy 175 • Hartford, WI 53027
 Phone: 262-644-5455 • Fax: 262-644-5060
 sales@stlawrenceequip.com



Customer Name Village of Jackson Date 10-26-17
 Address PO Box 637 Customer Phone No. 414-640-7951 - Russ
 City Jackson State WI Zip 53037 Salesman Bandy

Qty	New / Used	Make	Model	Serial No.	Description	Amount
1	N	Exmark			LZX921GKA726C1	
					Zero Turn Mower w/	
					Suspension Platform -	
					Operator Controlled	
					Discharge	\$15555.00
					Bid Discount	\$3110.00

TRADE-INS Buyer certifies below Trade-Ins to be free of liens

Make	Model	Serial No.	Description	Trade-In Allowance

Bid Includes

Delivery + Operator Training
Free Loaner Unit provided should
your unit be down for extended
service time under warranty

Balance	\$12445.00
Sales Tax	-
Sub-Total	\$12445.00
Downpayment	-
Balance Due	\$12445.00

- ☐ SOLD USED AS-IS. No warranty of any kind has been given by the dealer or his agent.
- ☐ SOLD USED with 50-50 Warranty. The dealer hereby warrants this (these) machine(s) for _____ days after _____ 20 _____ with the understanding that necessary repairs made within this period of time will be charged half to the buyer and half to the dealer, of total retail cost of parts and labor used.
- ☒ SOLD NEW WITH Exmark Warranty (specify warranty used)

Buyer's signature: _____ Date _____

THIS ORDER IS VALID ONLY WHEN SIGNED AND ACCEPTED BY THE DEALER.

Accepted by: Bandy Schuch Date 10-26-17

EXMARK® WARRANTY MATRIX

UNIT TYPE	COMMERCIAL		CONSUMER
COMMERCIAL RIDERS & FRONT MOUNT DECKS			
Lazer Z® DS-Series & Navigator®	2 Year Limited		
Lazer Z X-Series	Limited Warranty - 5 Year or 1,500 Hours (with No Hour Limit the First 2 Years)		
Lazer Z S-Series and Lazer Z E-Series	Limited Warranty - 5 Year or 1,250 Hours (with No Hour Limit the First 2 Years)		
Vantage®	3 Year Limited (Year 3 is parts only)	5 Year or 750 Hours Limited	
Radius® X-Series	4 Year or 1000 Hours Limited		
Radius S-Series	4 Year or 750 Hours Limited		
Radius E-Series	4 Year or 500 Hours Limited		
Quest® S-Series & Quest E-Series	30 Days Limited	3 Year Limited	
WALK-BEHINDS			
Commercial Walk-Behinds (excludes 30" & 21")	2 Year Limited		
30" & 21" Mowers	1 Year Limited		
TURF MANAGEMENT PRODUCTS			
Slicer Seeder, Aerator, Spreader Sprayer Stand-On Aerator, Rotary Broom	1 Year Limited		
UTILITY VEHICLES			
500S/700S	1 Year or 1,000 Hours Limited		
ACCESSORIES			
Attachments and Accessories (except as noted below)	1 Year Limited		
Striping Roller & Operator Controlled Discharge	90 Days		
Quest Attachments and Accessories	30 Days Limited	1 Year Limited	
MISCELLANEOUS			
Peerless 5-Speed Transmission	2 Year		
WARRANTY EXCEPTIONS			
Battery	1 Year, \$45 Flat Rate		
Engine*	5 Year - Subaru® 4 Year or 500 Hours - Exmark® on Radius 3 Year Consumer, 90 Day Commercial - Exmark® on Quest 3 Year - Kawasaki® 3 Year - Kohler® 2 Year - Honda® 2 Year - Kubota®		

See warranty statements for complete details. *Please refer to the engine manufacturer's warranty statement that is included in the literature packet. We are not authorized to handle warranty adjustments on engines. This warranty only includes the cost of parts and labor.





Taking the lead in Washington County.

Memo

To: John M. Walther, Village Administrator
From: Brian W. Kober, P. E., Director of Public Works *BWK*
Subject: Purchase of a New Patrol Plow Truck
Date: November 20, 2017
CC: Village Board; Board of Public Works.

The last three years of the Public Works Equipment Replacement Schedule has a purchase of a new Patrol Plow Truck. By not purchasing the plow last year, the plow equipment has increased by \$2,288.15 and will continue to increase.

Staff had pursued in getting quotes for other equipment (plow and wing) from other Vendors, although, the plow equipment does not match what we already have, and if a failure happens during a storm the truck is out of service until parts are found.

In order to stay with the fleet we have the truck quote is from Lakeside International for a 2019 Truck for an amount of \$99,636.00. The plow equipment package is from Burke Truck & Equipment, Inc. for an amount of \$78,573.45.

The total truck package amount is \$178,209.45. If the purchase is approved this year, there is a possibility that the truck would be ready for the 2018/2019 snow season.

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

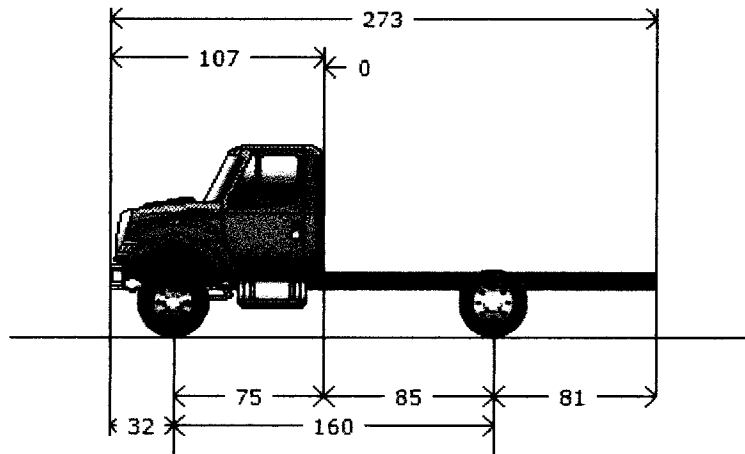
Prepared For:

Village of Jackson
 Brian Kober
 N168 W20733 Main Street
 Jackson, WI 53037-
 (262)677 - 9001

Presented By:

LAKESIDE INTL, LLC
 Doug Petsch
 11000 W SILVER SPRING RD
 MILWAUKEE WI 53225 -
 (414)353-4800

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2018 7400 SFA 4X2 (SA525)

MISSION:	Requested GVWR: 39000. Calc. GVWR: 41000
DIMENSION:	Wheelbase: 160.00, CA: 85.00, Axle to Frame: 81.00
ENGINE, DIESEL:	{Cummins L9 350} EPA 2017, 350HP @ 2000 RPM, 1000 lb-ft Torque @ 1400 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity
AXLE, REAR, SINGLE:	{Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends Gear Ratio: 6.14
CAB:	Conventional
TIRE, FRONT:	(2) 315/80R22.5 Load Range L HSC1 (CONTINENTAL), 484 rev/mile, 68 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, AIR, SINGLE:	{Hendrickson PRIMAAX EX} 23,000-lb Capacity, 9.0" Ride Height, with Shock Absorbers
PAINT:	Cab schematic 100GM Location 1: 0311, Omaha Orange (Std) Chassis schematic N/A

Description

Base Chassis, Model 7400 SFA 4X2 with 160.00 Wheelbase, 85.00 CA, and 81.00 Axle to Frame.

TOW HOOK, FRONT (2) Frame Mounted

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm)
Maximum OAL

BUMPER, FRONT Steel, Swept Back

Includes

: BUMPER, FRONT Powder Coated Gray (Argent) Color

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille

WHEELBASE RANGE 146" (370cm) Through and Including 195" (495cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity

Notes

: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

SUSPENSION, FRONT, SPRING Multileaf, Shackle Type; 18,000-lb Capacity; Less Shock Absorbers

Includes

: SPRING PINS Rubber Bushings, Maintenance-Free

Notes

: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

Includes

: BRAKE LINES Color and Size Coded Nylon

: DRAIN VALVE Twist-Type

: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster

: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel

: PARKING BRAKE VALVE For Truck

: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4

: SLACK ADJUSTERS, FRONT Automatic (with Air Cam Brakes)

: SLACK ADJUSTERS, REAR Automatic (with Air Cam Brakes)

: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6

Notes

: Rear Axle is Limited to 23,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle/Suspension Ordered

BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers

Notes

: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

DRAIN VALVE {Berg} with Pull Chain, for Air Tank

Includes

: DRAIN VALVE Mounted in Wet Tank

AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel) with Automatic Traction Control

AIR DRYER {Meritor Wabco System Saver 1200} with Heater

Includes

: AIR DRYER LOCATION Inside Left Rail, Back of Cab

Description

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake

BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake

Notes

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

AIR COMPRESSOR {Cummins} 18.7 CFM Capacity

STEERING COLUMN Tilting

STEERING WHEEL 2-Spoke, 18" Dia., Black

STEERING GEAR (2) {Sheppard M100/M80} Dual Power

AFTERTREATMENT COVER Aluminum

EXHAUST SYSTEM Single Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

TAIL PIPE (1) Turnback Type, Bright, for Single Exhaust

EXHAUST HEIGHT 10' 11"

MUFFLER/TAIL PIPE GUARD (1) Non-Bright Aluminum

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

Includes

- : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
- : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover
- : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
- : HEADLIGHTS (2) Halogen, Round, with Chrome Plated Bezels
- : JUMP START STUD Located on Positive Terminal of Outermost Battery
- : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
- : STARTER SWITCH Electric, Key Operated
- : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
- : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature
- : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
- : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
- : WIRING, CHASSIS Color Coded and Continuously Numbered

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR {Leece-Neville AV160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, with Remote Sense

BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total

2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and 10' Coil Taped to Base Harness

RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3MM Auxiliary Input, MP3, Apple Device Play & Control, Bluetooth for Phone & Music, with Multiple Speakers

BACK-UP ALARM Electric, 102 dBA

AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

TRAILER CONNECTION SOCKET 7-Way; Mounted at Rear of Frame, Wired for Turn Signals Combined with Stop, Compatible with Trailers That Use Combined Stop, Tail, Turn Lamps

Description

BATTERY CABLES with 36" of Extra Length Coiled and Strapped Near Battery Box

HORN, ELECTRIC Disc Style

BATTERY BOX Aluminum with Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity, Mounted Right Side Back of Cab

HORN, AIR Black, Single Trumpet, Air Solenoid Operated

WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time

HEADLIGHTS Long Life Halogen; for Two Light System

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened

STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

BATTERY DISCONNECT SWITCH 300 Amp; Cab Mounted, Disconnects Charging Circuits; Locks with Padlock

FENDER EXTENSIONS Rubber

HOOD, HATCH (01) for Servicing

INSULATION, UNDER HOOD for Sound Abatement

GRILLE Stationary, Chrome

INSULATION, SPLASH PANELS for Sound Abatement

BUG SCREEN Mounted Behind Grille

FRONT END Tilting, Fiberglass, with Three Piece Construction; for WorkStar

PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes

: PAINT SCHEMATIC ID LETTERS "GM"

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PROMOTIONAL PACKAGE Government and Municipal Silver Package; Two Year Limited Subscription of On-Command Service Information (Formerly Fleet ISIS), and On-Command Parts Information (Formerly Fleet Parts Catalog), Requires Specific Feature Combinations

CLUTCH Omit Item (Clutch & Control)

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

ENGINE, DIESEL {Cummins L9 350} EPA 2017, 350HP @ 2000 RPM, 1000 lb-ft Torque @ 1400 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)

FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed

Includes

Description

: FAN Nylon

RADIATOR Cross Flow, Series System; 1228 SqIn Aluminum Radiator Core with Internal Water to Oil Transmission Cooler and 1167 In Charge Air Cooler

Includes

: DEAERATION SYSTEM with Surge Tank
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps
: RADIATOR HOSES Premium, Rubber

AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control

Includes

: GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for Cummins ISB/B6.7 or ISL/L9 Engines

FEDERAL EMISSIONS {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2017

TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway

SHIFT CONTROL PARAMETERS Allison S-1 Performance Programming in Primary and Allison Fixed Programming in Secondary

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction

TRANSMISSION SHIFT CONTROL {Allison} Bump Shifter Type; for Allison 3000 & 4000 Transmission

TRANSMISSION TCM LOCATION Located Inside Cab

PTO LOCATION Dual, Left and Right Side of Transmission

AXLE, REAR, SINGLE {Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends . Gear Ratio: 6.14

Includes

: REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle

Notes

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

: When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance

SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab

SUSPENSION, REAR, AIR, SINGLE {Hendrickson PRIMAAX EX} 23,000-lb Capacity, 9.0" Ride Height, with Shock Absorbers

Notes

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 30 thru 39.99 Pints

FUEL TANK STRAPS Bright Finish Stainless Steel

LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 15" Back of Cab

FUEL/WATER SEPARATOR {Racor 400 Series,} 12 Volt Pre-Heater, with Primer Pump, and WIF Sensor

FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 70 US Gal (265L), with Quick Connect Outlet, Mounted Left Side, Under Cab

Description

DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional

Includes

: ARM REST (2) Molded Plastic; One Each Door
: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window
: CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel
: DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted
: GLASS, ALL WINDOWS Tinted
: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side
: GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side
: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color
: STEP (4) Two Steps Per Door

GAUGE CLUSTER English with English Electronic Speedometer

Includes

: GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level
: ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout
: WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel Mounted in Instrument Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

GAUGE, DEF FLUID LEVEL

SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Cloth, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust

Includes

: SEAT BELT 3-Point, Lap and Shoulder Belt Type

MIRRORS (2) {Lang Mekra} Styled; Rectangular, Power Both Sides, Thermostatically Controlled Heated Heads, Clearance Lights LED, Bright Finish Heads & Brackets, Breakaway Type, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing

MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} Right and Left Side; 7.44" Sq., Bright

GRAB HANDLE Chrome; Towel Bar Type with Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar

SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Cloth

WINDSHIELD Heated, Single Piece

ARM REST, RIGHT, DRIVER SEAT

AIR CONDITIONER {Blend-Air} with Integral Heater & Defroster

Includes

: HEATER HOSES Premium
: HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps
: REFRIGERANT Hydrofluorocarbon HFC-134A

INSTRUMENT PANEL Center Section, Flat Panel

WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature

HVAC FRESH AIR FILTER

CAB INTERIOR TRIM Premium

DescriptionIncludes

: CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering

: CAB SOUND INSULATION Includes Dash and Engine Cover Insulators

: CAB, INTERIOR TRIM, CLOSEOUT Lower Dash Closeout Panel; Molded Plastic; Under Instrument Panel Driver Side

: CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets, CB Radio Pocket, Speakers, and Reading Lights

: COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side

: DOOR TRIM PANELS with Cloth Insert on Bolster Driver and Passenger Doors

: FLOOR COVERING Rubber, Black

: GAUGE, TEMPERATURE, AMBIENT Includes Wiring and Sensor With Display Unit Mounted in Cluster

: HEADLINER Soft Padded Cloth

: INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section

: STORAGE POCKET, DOOR (2) Molded Plastic (Carpet Texture), Full-Length; Driver and Passenger Doors

: SUN VISOR (3) Padded Vinyl: 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side

CAB REAR SUSPENSION Air Bag Type

SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral Clearance/Marker Lights

WINDSHIELD WIPER BLADES Snow Type

COWL TRAY LID

WHEELS, FRONT {Accuride 41730} DISC; 22.5x9.00 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEELS, REAR DUAL DISC; 22.5x8.25 Rims, Non-Polished Aluminum, 10-Stud 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

Notes

: Aluminum Wheels not Painted or Coated

: COMPATIBLE TIRE SIZES: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22.5

(4) TIRE, REAR 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

(2) TIRE, FRONT 315/80R22.5 Load Range L HSC1 (CONTINENTAL), 484 rev/mile, 68 MPH, All-Position

Cab schematic 100GM

Location 1: 0311, Omaha Orange (Std)

Chassis schematic N/A

Services Section:

WARRANTY Standard for WorkStar 7300/7400 (4x2, 4x4, 6x4, 6x6), Effective with Vehicles Built January 2, 2015 or Later, CTS-2002U

SRV CONTRACT, EXT CMMS ENGINE {Cummins} To 60-Month/100,000 Miles (160,000 km), Extended Cummins L9 Engine Coverage, Protection Plan 1

SRV CONTRACT, EXT CMMS AFTR {Cummins} To 60-Month/100,000 Miles (160,000 km), Extended Cummins L9 Aftertreatment Coverage, for Use when Protection Plan 1 of Equal or Greater Duration is Purchased (Truck Application Only)

<u>Description</u>	(US DOLLAR)	<u>Price</u>
Net Sales Price:		\$99,636.00
Memo Item(s):		
Total Federal Excise Tax	\$0.00	
Note: Memo item(s) shown here are included in the above Net Sales Price.		

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without
Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

BURKE TRUCK & EQUIPMENT, INC.

5337 REINER RD., MADISON, WISCONSIN 53718

888-249-9788 / 608-249-9788 / FAX: 608-837-7530

Email: sales@burketruck.com / Web: www.burketruck.com

10/16/17

Prepared for the Village of Jackson



2018 Multi-purpose Patrol Truck Package

Accessory Equipment Summary

- HI-Way Equipment 6-yard 7 gauge steel XT-3 multi purpose dump body,
- Burke Road Tamer 2000 11-ft plow with power reversing twin trip.
- Burke DKJ Snow Patrol 8-ft wing with A-Arm lift system.
- Power Wing push brace
- Box vibrator
- Electronic spreader controls. 550 spreader controls
- Manual hydraulic controls for plow, wing, and dump body.
- Burke sealed electrical system.
- Cab and chassis under coated and rust proofed

ACCESSORY EQUIPMENT SPECS



optional berm chute

High Way Equipment 7 gauge Steel Multi-purpose dump body

Capacity	6-yd
Length	10-ft
Structural	Uni-body design; 36-inch sides / 48-inch tailgate; 12-inch-long members are one-piece and continuous-welded to the floor and sides; One-piece 3/16-inch AR400 floor; 7-gauge sides and headsheets; 7-gauge tailgate with integral 8-position feedgate; 28-inch-wide main conveyor; double bar; Rear hinge assembly is constructed of 8 X 6" X 1/2" structural angle with 2" diameter stainless steel hinge pins with grease zerts. Swing away spinner assembly, 18" poly spinner. Ladder on driver side. front and rear discharge.
Coating	phosphate cleaned
Tool box	18" x 18" x 24" mounted on passenger side
Rear hitch	frame mounted pintel 16,000 lb
Full fenders	Full plastic fenders over both rear duals
Body fender	Flat fenders on body
Plastic chain cover	



Burkes Road Tamer 2000 11-ft plow with twin trip, power reversing .

Plow	11-ft X 42", 7-gauge broke (not rolled), with 8 vertical ribs, 5 hinge points, with trip edge moldboard.
Table	two 4" X 20" D.A. cylinders with 2" nitrided rod. All connecting points from table to moldboard have poly bushings.
Hitch	Gledhill/Burke Model UBF-WQCP quick hitch with loop and latch casting, 4" X 10" D.A. lift cylinder with 2" diameter nitrided rod, painted black.
Hydraulic cylinder	The 4" x 10" cylinder is custom-made to Burke specifications and exceeds cylinder size and capacity needed for snowplowing equipment.
Hydraulic hook-up	Flat-faced hydraulic couplers.
Blades	Joma blades grade 9 plow bolts on a standard highway punch. Flap mounted on top edge of plow



Burke DKJ Snow Patrol 8-ft wing

Wing	8-ft right moldboard overall with 8-ft trip cutting edge with 4 torsion springs of at least 3/4" (not double panel); wing moldboard is broke (not rolled) 10-ga; face 28" high at the toe end and 35" high at the heel.
Blades	Carbide blades 7/8" X 5" and 1/2" X 6" cover blade - 5/8 square bolt holes & grade 9 plow bolts on a standard highway punch.
Front post	A-Arm lift system; toe cylinder 4" X 10" D.A. cylinder with 2" rod; heel cylinder 4" X 20" with 2" rod and flow control valve. De-Cell cylinder.
Rear brace tube	4" X 6" X 3/8" thick protruding under both frames with 2 side plates, a brace tube of 2" schedule #80 material and ball ends; Power push brace with Spring-cushioned push brace, frame mount stop and holding (lock) bracket; painted black.
Hydraulic cylinders	The 4" X 20" and 4" x 10" cylinders are custom-made to Burke specifications and exceed cylinder size and capacity needed for snowplowing equipment.

Burke Truck & Equipment, Inc. detailed spec list

Hydraulic System

Pump	Commercial Shearing cast-iron pump.
Power take off	Chelsea
Capacity	50 gallon per minute.
Valve bank	Commercial Shearing central distribution valve bank with cab-mounted control console with Morse controllers, Morse cables, and bonnets.
Reservoir	Thirty-gallon stainless steel hydraulic oil reservoir with sight glass and temperature gauge; ten-micron in-tank filter system with full flow by-pass; plugged system gauge and low oil warning beeper; system is capable of using either all-temp standard oil or Dextron III oil.
Hoses	Stainless steel tubing run to the front and rear of truck with two (2) wire hydraulic hose used at each end.
Controls	Electronic auger and spinner controls with electric Pro Salter II valve with manual override.

Electrical System

Wiring:	All wiring is double jacketed with ethylene-propylene rubber to seal out moisture and to protect against damage. In addition to the double jacket, all wires that are in an abrasion area are covered with vinyl tubing for additional protection. All electrical connections are sealed against moisture. All electrical junction boxes are waterproof. All lights are grounded through the wiring system, not to mounting bolts. All junction boxes are grounded to the chassis in addition to the wiring system. All bulbs and electrical plugs are coated with dielectric grease to seal out moisture. Wiring harnesses are securely fastened to prevent damage.
Controls:	Burke custom designed electrical controls are located in a standard floor console. Each of the six circuits is fused with re-settable circuit breakers. The switches are marine grade and are rated to carry 25 amps. The salter control panel is designed so that it can be removed from the truck easily if service becomes necessary.
Plow Lights:	The Grote HD plow lights are mounted in Noryl housings with stainless steel hardware for corrosion resistance. They include bright, sealed, halogen headlight beams with built-in parking and turn signal lights.

Burke Truck & Equipment, Inc. detailed spec list

- Tail/Stop These 6-inch oval LED lights are mounted in cutouts on the rear of the dump box. These lights on the box are in addition to the standard tail/stop/turn lights that are mounted to the truck chassis.
- Side Marker Lights: The side/marker lights are 2 ½" round LED lights that are sealed and installed in cutouts in the dump box sides.
- Identification Lights: These are the three red lights below the dump box on the rear of the truck. The identification lights are 2 ½" round LED lights that are sealed and installed in a bracket welded to the truck chassis.
- Hot Lights: These are the flashing warning lights on the dump box cab guard. The hot lights are 4 ½" round LED alternating flashing lights that are mounted in a swinging bracket on the dump box cab guard.
- Strobe Lights: These lights are 6" oval LED alternating flashing strobe lights located in the rear post of the dump box
- Emergency Warning Light: The emergency warning light is a **Large LED** that is mounted on a self leveling bracket on cabshild.
- Rear spotlights: One rear spotlight for rear spinner, one side spotlights for wing.

Burke Truck & Equipment, Inc. detailed spec list

Village of Jackson
N168 W20733 Main Street
Jackson, Wisconsin 53037

Attn: Russ

Subject: Truck Equipment

Dear Village Board Members

Thank you for the opportunity to quote you on the equipment listed in this specification. If there are any questions or changes that need to be addressed, please feel free to contact me. All prices are valid for the Village of Jackson for 90 days.

Total equipment package truck \$79,770.00

Burke Truck & Equipment is pleased to offer the Village of Jackson a 1 ½% discount on the equipment package if they pay one half at the time of order with the remaining balance including the discount, due after delivery of the completed unit.

Total package price.....	\$79,770.00
First half payment.....	\$39,885.00
Discount.....	\$1,196.55
Second half payment.....	\$38,688.45
Total package after discount.....	\$78,573.45

Sincerely

Jeff Smith
Burke Truck & Equipment Inc.

Public Works Report

November 28, 2017

Treatment Plant - Designed Capacity – 1.67 million gallons per day
 Peak Flow Capacity – 6.0 million gallons per day

Year 2015

January	Avg. Flow 667,774 g.p.d.	Min. Flow 617,000 g.p.d.	Max. 713,000 g.p.d.
February	Avg. Flow 620,893 g.p.d.	Min. Flow 591,000 g.p.d.	Max. 662,000 g.p.d.
March	Avg. Flow 753,484 g.p.d.	Min. Flow 597,000 g.p.d.	Max. 885,000 g.p.d.
April	Avg. Flow 1.203 MGD	Min. Flow 705,000 g.p.d.	Max. 3.759 MGD
May	Avg. Flow 775,323 g.p.d.	Min. Flow 584,000 g.p.d.	Max. 1.317 MGD
June	Avg. Flow 905,633 g.p.d.	Min. Flow 661,000 g.p.d.	Max. 1.409 MGD
July	Avg. Flow 696,290 g.p.d.	Min. Flow 571,000 g.p.d.	Max. 912,000 g.p.d.
August	Avg. Flow 726,935 g.p.d.	Min. Flow 558,000 g.p.d.	Max. 1.254 MGD
September	Avg. Flow 728,240 g.p.d.	Min. Flow 526,000 g.p.d.	Max. 1.364 MGD
October	Avg. Flow 505,516 g.p.d.	Min. Flow 409,000 g.p.d.	Max. 691,000 g.p.d.
November	Avg. Flow 696,800 g.p.d.	Min. Flow 494,000 g.p.d.	Max. 1.583 MGD
December	Avg. Flow 897,258 g.p.d.	Min. Flow 616,000 g.p.d.	Max. 1.799 MGD

Year 2016

January	Avg. Flow 611,323 g.p.d.	Min. Flow 451,000 g.p.d.	Max. 924,000 g.p.d.
February	Avg. Flow 640,793 g.p.d.	Min. Flow 496,000 g.p.d.	Max. 851,000 g.p.d.
March	Avg. Flow 821,839 g.p.d.	Min. Flow 567,000 g.p.d.	Max. 1.463 MGD
April	Avg. Flow 718,000 g.p.d.	Min. Flow 563,000 g.p.d.	Max. 1.079 MGD
May	Avg. Flow 615,000 g.p.d.	Min. Flow 490,000 g.p.d.	Max. 937,000 g.p.d.
June	Avg. Flow 622,700 g.p.d.	Min. Flow 513,000 g.p.d.	Max. 892,000 g.p.d.
July	Avg. Flow 690,935 g.p.d.	Min. Flow 457,000 g.p.d.	Max. 1.074 MGD
August	Avg. Flow 1.039 MGD	Min. Flow 822,000 g.p.d.	Max. 1.338 MGD
September	Avg. Flow 1.333 MGD	Min. Flow 813,000 g.p.d.	Max. 2.166 MGD
October	Avg. Flow 1.319 MGD	Min. Flow 949,000 g.p.d.	Max. 2.572 MGD
November	Avg. Flow 1.111 MGD	Min. Flow 859,000 g.p.d.	Max. 1.818 MGD
December	Avg. Flow 1.211 MGD	Min. Flow 889,000 g.p.d.	Max. 2.063 MGD

Year 2017

January	Avg. Flow 1.230 MGD	Min. Flow 979,000 g.p.d.	Max. 1.606 MGD
February	Avg. Flow 1.204 MGD	Min. Flow 926,000 g.p.d.	Max. 2.141 MGD
March	Avg. Flow 1.559 MGD	Min. Flow 1.09 MGD	Max. 2.398 MGD
April	Avg. Flow 1.552 MGD	Min. Flow 1.049 MGD	Max. 2.446 MGD
May	Avg. Flow 1.392 MGD	Min. Flow 666,000 g.p.d.	Max. 2.588 MGD
June	Avg. Flow 1.283 MGD	Min. Flow 763,000 g.p.d.	Max. 2.429 MGD
July	Avg. Flow 1.225 MGD	Min. Flow 879,000 g.p.d.	Max. 1.711 MGD
August	Avg. Flow 1.049 MGD	Min. Flow 750,000 g.p.d.	Max. 1.414 MGD
September	Avg. Flow 870,300 g.p.d.	Min Flow 714,000 g.p.d.	Max. 1.132 MGD
October	Avg. Flow 953,871 g.p.d.	Min. Flow 563,000 g.p.d.	Max. 1.257 MGD

Years Summary of Water Consumption

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 228,371,000 gallons
2014 Total Pumpage 230,973,000 gallons	2015 Total Pumpage 222,621,000 gallons
2016 Total Pumpage 254,531,000 gallons	

Year 2015

Jan.	Avg.	599,680 g.p.d.	Highest Day 719,000 gals.	Total	18,590,000 gallons
Feb.	Avg.	587,040 g.p.d.	Highest Day 736,000 gals.	Total	16,437,000 gallons
March	Avg.	582,970 g.p.d.	Highest Day 698,000 gals.	Total	18,072,000 gallons
April	Avg.	601,370 g.p.d.	Highest Day 928,000 gals.	Total	18,041,000 gallons
May	Avg.	585,260 g.p.d.	Highest Day 698,000 gals.	Total	18,143,000 gallons
June	Avg.	640,430 g.p.d.	Highest Day 779,000 gals.	Total	19,213,000 gallons
July	Avg.	722,550 g.p.d.	Highest Day 989,000 gals.	Total	22,399,000 gallons
August	Avg.	733,420 g.p.d.	Highest Day 1.197 MGD	Total	22,736,000 gallons
Sept	Avg.	615,700 g.p.d.	Highest Day 753,000 gals.	Total	18,471,000 gallons
Oct	Avg.	594,840 g.p.d.	Highest Day 945,000 gals	Total	18,440,000 gallons
Nov	Avg.	492,630 g.p.d.	Highest Day 599,000 gals	Total	14,779,000 gallons
Dec	Avg.	555,480 g.p.d.	Highest Day 637,000 gals	Total	17,220,000 gallons

Year 2016

Jan.	Avg.	580,680 g.p.d.	Highest Day 734,000 gals.	Total	18,001,000 gallons
Feb.	Avg.	603,930 g.p.d.	Highest Day 710,000 gals.	Total	17,514,000 gallons
March	Avg.	586,650 g.p.d.	Highest Day 693,000 gals.	Total	18,186,000 gallons
April	Avg.	660,200 g.p.d.	Highest Day 1.021 MGD	Total	19,806,000 gallons
May	Avg.	681,130 g.p.d.	Highest Day 997,000 gals.	Total	21,115,000 gallons
June	Avg.	781,870 g.p.d.	Highest Day 1.113 MGD	Total	23,456,000 gallons
July	Avg.	865,610 g.p.d.	Highest Day 1.046 MGD	Total	26,834,000 gallons
August	Avg.	817,940 g.p.d.	Highest Day 1.084 MGD	Total	25,356,000 gallons
Sept	Avg.	700,630 g.p.d.	Highest Day 835,000 gals	Total	21,019,000 gallons
Oct	Avg.	738,520 g.p.d.	Highest Day 1.235 MGD	Total	22,894,000 gallons
Nov	Avg.	654,530 g.p.d.	Highest Day 829,000 gals	Total	19,636,000 gallons
Dec	Avg.	668,190 g.p.d.	Highest Day 779,000 gals	Total	20,714,000 gallons

Year 2017

Jan.	Avg.	630,710 g.p.d.	Highest Day 771,000 gals.	Total	19,552,000 gallons
Feb.	Avg.	640,790 g.p.d.	Highest Day 885,000 gals	Total	17,942,000 gallons
March	Avg.	611,520 g.p.d.	Highest Day 691,000 gals	Total	18,957,000 gallons
April	Avg.	703,070 g.p.d.	Highest Day 1.173 MGD	Total	21,092,000 gallons
May	Avg.	683,420 g.p.d.	Highest Day 988,000 gals	Total	21,186,000 gallons
June	Avg.	762,230 g.p.d.	Highest Day 1.044 MGD	Total	22,867,000 gallons
July	Avg.	730,580 g.p.d.	Highest Day 953,000 gals	Total	22,648,000 gallons
August	Avg.	745,900 g.p.d.	Highest Day 903,000 gals	Total	23,123,000 gallons
Sept	Avg.	738,170 g.p.d.	Highest Day 996,000 gals	Total	22,145,000 gallons
Oct	Avg.	716,100 g.p.d.	Highest Day 1.055 MGD	Total	22,199,000 gallons

Pump Capacity - Well #1- 400 g.p.m. 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	2006	\$101,115.11	2007	\$152,201.07	2008	\$210,441.47
2009	\$183,815.34	2010	\$197,653.66	2011	\$220,576.28	2012	\$236,224.70
2013	\$235,336.46	2014	\$203,938.32	2015	\$210,644.47	2016	\$220,473.17

2015	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,326,850			10,250	52,100	\$11,663.89
Feb	1,191,500			2,500	45,400	\$10,171.26
March	1,507,900			16,150	85,900	\$14,102.76
April	1,668,450			35,250	398,200	\$23,878.38
May	1,190,850			31,100	148,600	\$13,890.38
June	1,407,600			37,750	349,100	\$20,794.50
July	1,485,950			33,830	243,660	\$18,589.33
August	1,255,600			28,050	290,860	\$17,810.50
September	1,459,400			15,500	333,350	\$19,899.26
October	1,273,400	7,200		37,150	369,300	\$20,603.82
November	1,336,300			36,200	343,035	\$20,046.14
December	1,610,500			31,200	234,700	\$19,194.26

2016	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,359,400			3,500	47,700	\$11,528.02
Feb	1,443,000			1,500	31,350	\$11,666.26
March	1,515,950			5,600	102,900	\$14,166.14
April	1,600,500			25,000	284,250	\$20,110.01
May	1,560,350			24,000	246,200	\$18,817.63
June	1,551,600			49,100	257,900	\$20,048.50
July	1,195,900			21,850	278,400	\$16,803.25
August	1,506,850			29,750	276,250	\$19,397.63
September	1,501,850			48,550	373,430	\$22,541.63
October	1,447,150			126,250	389,054	\$25,629.98
November	1,471,800			40,900	343,250	\$21,255.76
December	1,657,250			11,250	225,160	\$18,508.38

2017	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
Jan	1,287,450			10,500	57,100	\$11,503.39
Feb	1,358,400		28,500	1,750	78,550	\$13,361.76
March	1,678,850		22,000	28,100	174,900	\$18,967.89
April	1,581,350			35,600	320,900	\$21,306.63
May	1,745,550			51,150	394,600	\$25,002.63
June	1,664,600			38,700	321,950	\$22,081.26
July	1,599,070			33,100	230,150	\$19,070.78
August	1,669,850			35,100	273,850	\$20,774.14
September	1,430,000			37,350	248,125	\$18,422.13
October	1,710,550			64,200	454,850	\$26,768.38

Final Lift for Developed Subdivisions

Due to only one bidder, the recommendation is to bid the overlays next year. No change.

Rosewood Drive/TIF Expansion Project

TIF #6 is being created for the development of the property. Also, Washington County is planning on reconstructing CTH P in the same area.

GIS Program

Town and Country Engineering has completed the map changes, and the maps are being shared with the different Departments. Future training is being scheduled.

Storm Water Management Plan

We will continue to monitor the system per the Storm Water Management Plan. The plan was submitted at the deadline of June 30, 2017. DNR has not responded on the submitted plan. The Mid-Moraine Collective Group is working a possible group storm water permit. No change.

SCADA Upgrade Project

Piper Electric and LW Allen staff continues to work on the project. A factory test date of equipment has been scheduled for December 5th. The project is on schedule to be completed in mid-December.

Space Needs Analysis Study

Cedar Corp team continues to meet with staff in developing plans for a new Safety Building. The new professional service proposal has been approved by the Village Board to keep the project moving ahead.

Chateau Drive Reconstruction Project

The Village Board has approved the Resolution to assess the improvements of storm lateral and sidewalk. We will schedule a meeting next Spring to create a new punch list to complete the project.

CTH P and STH 60 Intersection Project

Discussion continues with Washington County and WisDOT on ownership. No change.

Alcan Drive, Alcan Court, & Delaney Court

All curbing has been repaired, asphalt installed, and streetlights installed. We are waiting for We-Energies to energize the meter pedestal.

Ridgeway Drive Reconstruction Project

Cedar Corp was selected for engineering services and inspection for the project. A meeting was held to start the project for the design, and surveying has been scheduled before the snow.

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