



11333 N. Cedarburg Road
Mequon, WI 53092
Phone: 262-236-8145
Fax: 262-242-9655

www.ci.mequon.wi.us

Public Works Department

PUBLIC WORKS COMMITTEE

Tuesday, December 10, 2024

6:00 PM

South Conference Room

Agenda

1) Call to Order, Roll Call

2) Approval of Minutes

a. November 12, 2024 Minutes

3) Resolutions

Action requested: review and recommend approval

a. **RESOLUTION 4163** A Resolution Authorizing the City Administrator to Execute a Professional Services Agreement for the Development of a Civic Campus Master Plan in an Amount Not-to-Exceed \$60,000

b. **RESOLUTION 4164** A Resolution Awarding a Construction Contract for the City Brush Site Improvement Project to Vinton Construction Company, Two Rivers, Wisconsin, in an Amount Not-to-Exceed \$1,014,191

c. **RESOLUTION 4165** A Resolution Approving the Purchase and Installation of a Truck Box with Wedge Tank Application, a Universal Snowplow & Wing Package and Additional Truck Components from Universal Truck Equipment, Galesville, Wisconsin, at a Total Cost of \$183,314

d. **RESOLUTION 4166** A Resolution Approving the Purchase of a Replacement Plow Truck Chassis from Lakeside International Trucks, Milwaukee, Wisconsin in the Amount of \$127,863

e. **RESOLUTION 4167** A Resolution Awarding a Contract for the Replacement of Various HVAC Units and Other Upgrades within the Council Chambers at City Hall to Selzer-Ornst Construction of Milwaukee, Wisconsin, in an Amount Not-to-Exceed \$975,000

4) Discussion Items

Discussion and Possible Action

- a. Public Works Work Plan (12.10.24)

5) Adjourn

Dated: December 10, 2024

/s/ Jeffrey Hansher, Chair

.....

Notice is hereby given that a quorum of other governmental bodies may be present at this meeting to present, discuss and/or gather information about a subject over which they have decision-making responsibility, although they will not take formal action thereto at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the City Clerk's Office at 262-236-2914, twenty-four (24) hours in advance of the meeting.

Any questions regarding this agenda may be directed to the Public Works Department at 262-236-2913, Monday through Friday, 7:00 AM – 3:30 PM.



11333 N. Cedarburg Road
 Mequon, WI 53092
 Phone: 262-236-8145
 Fax: 262-242-9655

www.ci.mequon.wi.us

Public Works Department

PUBLIC WORKS COMMITTEE

Tuesday, November 12, 2024

6:15 PM

South Conference Room

Minutes

1) Call to Order, Roll Call

The meeting was called to order at 6:15 PM.

Present:

Chair Jeffrey Hansher
 Alderman Kelly Tolocko
 Alderman Peter Bratt

Also present were the Director of Public Works/City Engineer Lunden, the Deputy Director of Public Works Weyker, the Assistant City Engineer McCraw, the Engineering Technician Dandy, Fleet Superintendent Zeller, and Administration Assistant Schlereth.

2) Approval of Minutes

a. October 8, 2024, Minutes

RESULT: **Approved by Voice Acclamation [Unanimous]**

MOVED BY: Alderman Tolocko

SECONDED BY: Alderman Bratt

AYES:	Hansher, Tolocko, Bratt
--------------	-------------------------

3) Resolutions

Action requested: review and recommend approval

a. **RESOLUTION 4153** A Resolution Approving a Stormwater Facilities Maintenance & Easement Agreement, in Connection with Acquisition of a 10-Foot-Wide Storm Sewer Easement at 10538 North Gazebo Hill Parkway West

RESULT: **Approved by Voice Acclamation [Unanimous]**

MOVED BY: Alderman Bratt

SECONDED BY: Alderman Tolocko

Attachment: 11-12-24 (9933 : November 12, 2024 Minutes)

AYES: Hansher, Tolocko, Bratt

4) Discussion and Possible Action

Discussion and Possible Action

a. 2024 Road Improvements Contract Summary

Staff clarified that the purpose of the GSB-88 product is to prolong a road's life cycle.

b. Fiesta Lane Drainage and 2024 Road Program Review

c. Review of Enterprise Performance Standards for Vehicle Leasing

d. Public Works Work Plan (11.12.24)

5) Adjourn

a. Motion to Adjourn at 6:43 PM

RESULT: **Approved by Voice Acclamation [Unanimous]**

MOVED BY: Alderman Tolocko

SECONDED BY: Alderman Bratt

AYES: Hansher, Tolocko, Bratt

Respectfully Submitted,

Ren Schlereth

Administrative Assistant

Attachment: 11-12-24 (9933 : November 12, 2024 Minutes)



11333 N. Cedarburg Road
 Mequon, WI 53092
 Phone: 262-236-2913
 Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Community Development

TO: Public Works Committee
FROM: Kim Tollefson, Director of Community Development
DATE: December 3, 2024
SUBJECT: RESOLUTION 4163 A Resolution Authorizing the City Administrator to Execute a Professional Services Agreement for the Development of a Civic Campus Master Plan in an Amount Not-to-Exceed \$60,000

Background

Recently, City staff solicited Requests for Qualifications to develop concept master plan options for the City Center Park and Civic Campus. Twenty direct solicitations were issued to firms and the RFQ was posted to the City website after Common Council approval of the scope of services. Seven proposals were received on the November 22 deadline. An internal project review committee representing the Planning Division, Engineering Division, Parks Division and the Common Council is currently vetting the various proposals.

Analysis

Upon receipt of the proposals, Review Committee members individually assessed and evaluated each based on the following criteria identified in the scope of the RFQ:

- Experience in municipal planning and engineering, park and landscape architecture and urban design principles.
- A firm's mission and its expertise to meet and enhance the project's needs.
- Demonstrated experience in successfully working with various public stakeholders and public sector agencies in accomplishing projects of this type.
- Examples of similar projects a firm has undertaken.
- Examples of a firm's work concerning partnerships, contracts, municipal management and politics, assumption of risk and interaction with the public.
- The firm's level of interest and availability for the project, address philosophies concerning the outlined scope and any obstacles in project initiation, process and management, schedule, estimated budget, and implementation.
- Resumes of the specific project team members that would be involved in this project.

- Details regarding any planned changes, enhancements and news releases regarding a firm's activity in the marketplace in the near future that may impact this project.

The review committee met to review evaluations, discuss scoring and the merit of each proposal's score. The committee identified four firm's proposals that meet and exceed the qualifications desired for the work. Those firms are as follows:

- Damon Farber - Madison, WI
- Graef - Milwaukee, WI
- Lakota Group - Chicago, IL
- Rinka - Milwaukee, WI

A copy of each proposal is on file with the Department of Community Development and is available for review, upon request. It was also determined that presentations by each firm are desired prior to final selection. Accordingly, each of the selected firms has committed to presentations scheduled for December 13, 2024. Thereafter, the Review Committee will recommend a final selection to the City Administrator for contract execution.

Fiscal Impact

ARPA funding was allocated for this project under Resolution #4086 by the Common Council on November 14, 2023. The expenditure budget for the project is \$60,000 and requires a commitment of the funds by the end of the year. The final four proposals are all within the expected budget for the work and range from \$56,150 to \$59,965.

Recommendation

A recommendation is forthcoming from the Public Works Committee on December 10, 2024.

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 4163

A Resolution Authorizing the City Administrator to Execute a Professional Services Agreement for the Development of a Civic Campus Master Plan in an Amount Not-to-Exceed \$60,000

RECITALS

A. City staff prepared a Request for Qualifications (RFQ) for work related to the creation of a Civic Campus Master Plan.

B. In response to this RFQ, the City received multiple proposals, of which four were deemed by the Review Committee to warrant further investigation and review, which is ongoing.

C. The City intends to pay for the work related to the Civic Campus Master Plan with Federal ARPA funds, which require commitment of the funds by the end of 2024.

D. The four final proposals are all within the expected budget for the work.

E. The Common Council desires to award the contract to the most qualified firm as determined by the Review Committee, in a manner to ensure the availability of Federal ARPA funds for the project.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that:

1. The City Administrator is authorized to award the Civic Center Master Plan contract to the final firm which is selected by the Review Committee in an amount not-to-exceed \$60,000.

2. The final contract shall be subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

3. The City Administrator, in lieu of the Mayor and City Clerk, is authorized and directed to execute and deliver the same to the selected firm.

Approved by: Andrew Nerbun, Mayor

Date Approved: December 10, 2024

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on December 10, 2024.

Caroline Fochs, City Clerk



11333 N. Cedarburg Road
 Mequon, WI 53092
 Phone: 262-236-2913
 Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Public Works

TO: Public Works Committee
FROM: Tim Weyker, Deputy Director of Public Works
DATE: December 2, 2024
SUBJECT: RESOLUTION 4164 A Resolution Awarding a Construction Contract for the City Brush Site Improvement Project to Vinton Construction Company, Two Rivers, Wisconsin, in an Amount Not-to-Exceed \$1,014,191

Background

On July 10, 2022, the Common Council adopted the City's Strategic Plan for 2022-2025 and one of the identified projects is "City Brush Site Automation".

The City Brush Site is currently open on Wednesdays and Saturdays from April through November for a predetermined number of hours. Many residents would like the brush site to be open earlier and later in the year and open more days per week. An automated gate would allow the City flexibility to greatly expand the availability of the brush site. Additionally, the quantity of brush and other collected materials has grown over the years and, at times, gets close to exceeding the available space at the brush site. On June 11, 2024, the Common Council awarded the design of the City's Brush Site Improvement project to the Sigma Group of Milwaukee to include installation of an automated gate, expansion of the brush site lot, and design of a storage building on the site.

Analysis

Because the City of Mequon Brush Site is situated on a capped historic landfill, any improvements made to the site need approval from the Wisconsin Department of Natural Resources (WDNR). During the design process, Sigma Group, in consultation with the WDNR, determined environmental remediation of the site to allow a building to be cost prohibitive due to the presence of methane gas and the depth of landfill material buried at the site. Sigma's initial environmental remediation estimate to ready the site for a building was \$165,000. After the soil borings determined landfill materials 2' deeper than expected, the estimated environmental remediation cost increased to just under \$285,000 based on the greater amount of landfill material required to be excavated and hauled to a currently operating licensed landfill, and the increased quantity of new structural backfill material required. Subsequently, the Common Council, during a project briefing in mid-2024, decided to move forward on the project without a storage building.

Construction of the project is anticipated to begin after July 4, 2025, and be completed by late 2025. The brush site will remain operational with its current hours of operation and a brush site attendant during the 2025 season with phased construction, completing half of the site at a time. The new automated gate, complete with new hours of operation, is anticipated to go into effect with the 2026 Brush Site Season.

The City Brush Site Improvement construction project was advertised in mid-October and received four bids. The low bid was from Vinton Construction Company of Two Rivers, Wisconsin. The bid summary for this project is attached.

The base bid items for this project provide a new asphalt surface for the lot and driveways, while the alternate bids provide a concrete pavement alternative. Considering the treatment the lot receives from pay-loaders, and other heavy equipment used to scrape, load, and process the material at the site, concrete is the preferred pavement material. Sigma Group, utilizing industry standards, conservatively estimates pavement life of asphalt at 10-15 years, and concrete at 20-25 years for this site before any additional pavement maintenance is needed.

The cost difference to construct the lot with concrete instead of asphalt is \$190,390. Considering ten years of additional pavement life, along with the wear-and-tear the pavement will take from equipment, staff recommends award of this project with the concrete pavement alternative.

Fiscal Impact

City Brush Site Automation was identified as one of the projects included in the City's spending plan for available funds awarded to the City of Mequon in the American Rescue Plan Act of 2021 (ARPA). \$250,000 in ARPA funding is allocated for this project. The \$250,000 ARPA funding will be used for the design and automation aspects of this project from account 250870-691922 Misc Expense - ARPA Grant. The parking lot expansion and paving will utilize \$836,691 of funding from the City's Right-of-Way Assets Accounts, including 410780-720012-10001 (Demo/Grading) and 410780-720013-10001 (Paving/Resurfacing). Funding breakdown is shown in the table below:

	Sigma Design Contract	Automated Gate Items	Brush Site Expansion & Paving	10% Construction Contingency	Totals
ARPA Funding	\$72,500	\$177,500			\$250,000
ROW Assets Acct.			\$744,492.04	\$92,199.20	\$836,691.24

For previous project awards, the Public Works Committee and Common Council have requested adding a contingency to the award amounts. Consequently, staff recommends the award of a not-to-exceed amount of \$1,014,191 which includes a contingency of 10%. The contingency provides for additional services or quantity overruns that may result from unknown field conditions or other circumstances. The Low Bid Price Schedule attached indicates how this project's cost will be allocated.

Recommendation

A recommendation is forthcoming from the Public Works Committee on December 10, 2024.

Attachments:

Mequon Brush Site Bid Summary #22820 (PDF)

Low Bid Price Schedule - City of Mequon -Brush Site Project (XLSX)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 4164

A Resolution Awarding a Construction Contract for the City Brush Site Improvement Project to Vinton Construction Company, Two Rivers, Wisconsin, in an Amount Not-to-Exceed \$1,014,191

RECITALS

A. City Brush Site Automation was identified as one of the projects included in the City's spending plan for available funds awarded to the City of Mequon in the American Rescue Plan Act of 2021 (ARPA).

B. The City of Mequon Department of Public Works has advertised and received bids for the 2025 City Brush Site Improvement Project.

C. Staff reviewed the various bids and contractor qualifications for the contract.

D. Staff determined that the bids received are reasonable and that adequate funds are available to accomplish the work, and on that basis has made a recommendation to the Public Works Committee.

E. ARPA funding in the amount of \$250,000 will be used for the design and automation aspects of this project from account 250870-691922 Misc Expense - ARPA Grant.

F. Funding for the remaining contract costs will be from the Capital Project Account - 410780-469001-10001 (Right-of-Way Assets).

G. Award for this project includes a 10% contingency amount to address unforeseen conditions.

H. The Committee on Public Works at its meeting on December 10th, 2024, approved the staff recommendation.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that:

1. The Agreement for the 2025 City Brush Site Improvement Project, as bid with the concrete pavement alternative and a 10% contingency amount, is approved and awarded to Vinton Construction Company of Two Rivers, Wisconsin, in an amount not-to-exceed \$1,014,191, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

2. The Mayor and the City Clerk are authorized and directed to execute and deliver the same.

Approved by: Andrew Nerbun, Mayor

Date Approved: December 10, 2024

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on December 10, 2024.

Caroline Fochs, City Clerk



2025 City of Mequon Brush Site Project
 BID SUMMARY (October 28, 2024 bid opening)

	Site Base Bid					Property Solutions		Vinton Construction		LaLonde Contractors		Payne & Dolan	
	Item	Unit	QTY	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	LS	1.00	\$25,000.00	\$25,000.00	\$100,000.00	\$100,000.00	\$70,400.00	\$70,400.00	\$72,081.35	\$72,081.35	\$85,250.00	\$85,250.00
2	Common Excavation	LS	1.00	\$80,000.00	\$80,000.00	\$16,000.00	\$16,000.00	\$18,000.00	\$18,000.00	\$58,457.14	\$58,457.14	\$18,060.00	\$18,060.00
3	Storm Sewer Inlet	EA	1.00	\$2,000.00	\$2,000.00	\$5,500.00	\$5,500.00	\$5,785.00	\$5,785.00	\$6,500.00	\$6,500.00	\$4,280.00	\$4,280.00
4	Storm Sewer Pipe	LF	175.00	\$100.00	\$17,500.00	\$48.00	\$8,400.00	\$117.00	\$20,475.00	\$200.00	\$35,000.00	\$123.00	\$21,525.00
5	Concrete Curb and Gutter	LF	17.00	\$80.00	\$1,360.00	\$100.00	\$1,700.00	\$95.00	\$1,615.00	\$145.81	\$2,478.77	\$473.72	\$8,053.24
6	Sawcutting	LF	74.00	\$15.00	\$1,110.00	\$5.00	\$370.00	\$10.00	\$740.00	\$2.25	\$166.50	\$3.00	\$222.00
7	Turf Restoration	SY	1,760.00	\$50.00	\$88,000.00	\$7.50	\$13,200.00	\$11.26	\$19,817.60	\$13.12	\$23,091.20	\$6.25	\$11,000.00
8	Dense Graded Base - 10 inch	SY	8,885.00	\$40.00	\$355,400.00	\$15.30	\$135,940.50	\$10.76	\$95,602.60	\$10.92	\$97,024.20	\$8.64	\$76,766.40
9	Hot Mix Asphalt (HMA) Pavement - 6 Inch	TON	3,731.00	\$75.00	\$279,825.00	\$74.00	\$276,094.00	\$78.00	\$291,018.00	\$72.00	\$268,632.00	\$78.60	\$293,256.60
10	Pulverized and Re-Laid Pavement	SY	6,133.00	\$13.00	\$79,729.00	\$2.60	\$15,945.80	\$1.52	\$9,322.16	\$3.13	\$19,196.29	\$4.20	\$25,758.60
11	Base & Subgrade Repair	SY	889.00	\$65.00	\$57,785.00	\$48.00	\$42,672.00	\$28.70	\$25,514.30	\$34.64	\$30,794.96	\$29.88	\$26,563.32
12	Remove Fence	LS	1.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$5,600.00	\$5,600.00	\$10,656.00	\$10,656.00	\$1,900.00	\$1,900.00
13	Galvanized Chain Link Fence	LF	539.00	\$75.00	\$40,425.00	\$33.00	\$17,787.00	\$37.00	\$19,943.00	\$70.00	\$37,730.00	\$33.00	\$17,787.00
14	Cantilevered Sliding Gate (15 foot opening)	EA	2.00	\$12,500.00	\$25,000.00	\$5,500.00	\$11,000.00	\$12,000.00	\$24,000.00	\$24,043.00	\$48,086.00	\$5,500.00	\$11,000.00
15	Double Swing Gate (26 foot opening)	EA	1.00	\$8,000.00	\$8,000.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$2,076.00	\$2,076.00	\$3,000.00	\$3,000.00
16	Pavement Markings	LS	1.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$3,950.00	\$3,950.00	\$3,950.00	\$3,950.00	\$3,950.00	\$3,950.00
17	Concrete Block 2' x 2' x 6'	EA	239.00	\$160.00	\$38,240.00	\$175.00	\$41,825.00	\$179.00	\$42,781.00	\$87.70	\$20,960.30	\$109.68	\$26,213.52
18	Concrete Block 2' x 2' x 4'	EA	8.00	\$120.00	\$960.00	\$175.00	\$1,400.00	\$153.00	\$1,224.00	\$87.70	\$701.60	\$109.68	\$877.44
19	Concrete Block 2' x 2' x 3'	EA	4.00	\$100.00	\$400.00	\$175.00	\$700.00	\$143.00	\$572.00	\$87.70	\$350.80	\$109.68	\$438.72
20	Connections from Panel to Equipmemt	LS	1.00	\$10,000.00	\$10,000.00	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00	\$5,383.00	\$5,383.00	\$12,676.00	\$12,676.00
21	Electrical Panel	LS	1.00	\$9,000.00	\$9,000.00	\$10,148.00	\$10,148.00	\$10,148.00	\$10,148.00	\$11,397.00	\$11,397.00	\$41,168.00	\$41,168.00
22	Light Fixtures	EA	1.00	\$1,500.00	\$1,500.00	\$3,900.00	\$3,900.00	\$3,900.00	\$3,900.00	\$3,263.00	\$3,263.00	\$7,008.00	\$7,008.00
23	Receptables	EA	2.00	\$800.00	\$1,600.00	\$800.00	\$1,600.00	\$800.00	\$1,600.00	\$1,528.00	\$3,056.00	\$2,278.00	\$4,556.00
24	Gate Card Readers	LS	1.00	\$95,000.00	\$95,000.00	\$31,182.00	\$31,182.00	\$11,682.90	\$11,682.90	\$7,194.00	\$7,194.00	\$8,300.00	\$8,300.00
25	CCTV Camera and Cellular Gateway at Gate	LS	1.00	\$12,000.00	\$12,000.00	\$6,785.00	\$6,785.00	\$6,785.76	\$6,785.76	\$9,137.00	\$9,137.00	\$11,604.00	\$11,604.00
26	CCTV Cameras for Site Monitoring	LS	1.00	\$10,000.00	\$10,000.00	\$7,726.00	\$7,726.00	\$7,726.56	\$7,726.56	\$13,146.00	\$13,146.00	\$23,207.00	\$23,207.00
27	Outdoor Climate Controlled Telecommincations Enclosure	LS	1.00	\$16,000.00	\$16,000.00	\$26,229.00	\$26,229.00	\$26,229.01	\$26,229.01	\$22,018.00	\$22,018.00	\$34,347.00	\$34,347.00

TOTAL BASE BID (ASPHALT LOT): \$1,267,834.00 \$789,204.30 \$731,531.89 \$812,527.11 \$778,767.84

	ALTERNATE BID ITEMS					Property Solutions		Vinton Construction		LaLonde Contractors		Payne & Dolan	
	Item	Unit	QTY	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
8A	Dense Graded Base - 6 Inch	SY	8,885.00	\$30.00	\$266,550.00	\$10.61	\$94,269.85	\$6.45	\$57,308.25	\$7.95	\$70,635.75	\$7.32	\$65,038.20
9A	Concrete Pavement - 8 Inch	SY	8,885.00	\$75.00	\$666,375.00	\$63.90	\$567,751.50	\$58.50	\$519,772.50	\$62.89	\$558,777.65	\$76.22	\$677,214.70
17A	Concrete Block 2' x 2' x 5'	EA	251.00	\$140.00	\$35,140.00	\$175.00	\$43,925.00	\$163.00	\$40,913.00	\$87.70	\$22,012.70	\$109.68	\$27,529.68

TOTAL BID ALTERNATE ITEMS: \$968,065.00 \$705,946.35 \$617,993.75 \$651,426.10 \$769,782.58

Total Bid if Concrete Alternative is chosen: \$1,565,534.00 \$1,039,191.15 \$921,992.04 \$1,076,284.31 \$1,150,997.74

Attachment: Mequon Brush Site Bid Summary #22820 (RESOLUTION 4164 : Construction Award for City Brush Site Automated Gate & Other

2025 City of Mequon Brush Site Project

Vinton Construction

	Site Base Bid				
	Item	Unit	QTY	Unit Price	Total Price
1	Mobilization	LS	0.67	\$70,400.00	\$47,168.00
1	Mobilization	LS	0.33	\$70,400.00	\$23,232.00
2	Common Excavation	LS	1.00	\$18,000.00	\$18,000.00
3	Storm Sewer Inlet	EA	1.00	\$5,785.00	\$5,785.00
4	Storm Sewer Pipe	LF	175.00	\$117.00	\$20,475.00
5	Concrete Curb and Gutter	LF	17.00	\$95.00	\$1,615.00
6	Sawcutting	LF	74.00	\$10.00	\$740.00
7	Turf Restoration	SY	1,760.00	\$11.26	\$19,817.60
8	Dense Graded Base - 10 inch	SY	8,885.00	\$10.76	\$95,602.60
9	Hot Mix Asphalt (HMA) Pavement - 6 Inch	TON	3,731.00	\$78.00	\$291,018.00
10	Pulverized and Re-Laid Pavement	SY	6,133.00	\$1.52	\$9,322.16
11	Base & Subgrade Repair	SY	889.00	\$28.70	\$25,514.30
12	Remove Fence	LS	1.00	\$5,600.00	\$5,600.00
13	Galvanized Chain Link Fence	LF	539.00	\$37.00	\$19,943.00
14	Cantilevered Sliding Gate (15 foot opening)	EA	2.00	\$12,000.00	\$24,000.00
15	Double Swing Gate (26 foot opening)	EA	1.00	\$2,500.00	\$2,500.00
16	Pavement Markings	LS	1.00	\$3,950.00	\$3,950.00
17	Concrete Block 2' x 2' x 6'	EA	239.00	\$179.00	\$42,781.00
18	Concrete Block 2' x 2' x 4'	EA	8.00	\$153.00	\$1,224.00
19	Concrete Block 2' x 2' x 3'	EA	4.00	\$143.00	\$572.00
20	Connections from Panel to Equipmemt	LS	1.00	\$4,600.00	\$4,600.00
21	Electrical Panel	LS	1.00	\$10,148.00	\$10,148.00
22	Light Fixtures	EA	1.00	\$3,900.00	\$3,900.00
23	Receptables	EA	2.00	\$800.00	\$1,600.00
24	Gate Card Readers	LS	1.00	\$11,682.90	\$11,682.90
25	CCTV Camera and Cellular Gateway at Gate	LS	1.00	\$6,785.76	\$6,785.76
26	CCTV Cameras for Site Monitoring	LS	1.00	\$7,726.56	\$7,726.56
27	Outdoor Climate Controlled Telecommincations Enclosure	LS	1.00	\$26,229.01	\$26,229.01
					\$731,531.89
10% Contingency					\$73,153.19
					\$804,685.08

	ALTERNATE BID ITEMS				
	Item	Unit	QTY	Unit Price	Total Price
8A	Dense Graded Base - 6 Inch	SY	8,885.00	\$6.45	\$57,308.25
9A	Concrete Pavement - 8 Inch	SY	8,885.00	\$58.50	\$519,772.50
17A	Concrete Block 2' x 2' x 5'	EA	251.00	\$163.00	\$40,913.00
					\$617,993.75
10% Contingency					\$61,799.38
					\$679,793.13

	Construction Costs	Sigma Design Contract	Total ARPA Funding
Automated Gate	\$177,448.23	\$72,551.77	\$250,000.00
Low Bidder (Vinton Construction) Totals			
Parking Lot Expansion (Asphalt)	\$554,083.66		
Total with Gate & Asphalt Lot	\$731,531.89		
Concrete Alternative for Lot	\$744,543.81		
Total with Gate & Concrete Lot	\$921,992.04		



11333 N. Cedarburg Road
 Mequon, WI 53092
 Phone: 262-236-2913
 Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Public Works

TO: Public Works Committee
FROM: Tim Weyker, Deputy Director of Public Works
DATE: December 2, 2024
SUBJECT: RESOLUTION 4165 A Resolution Approving the Purchase and Installation of a Truck Box with Wedge Tank Application, a Universal Snowplow & Wing Package and Additional Truck Components from Universal Truck Equipment, Galesville, Wisconsin, at a Total Cost of \$183,314

Background

The Department of Public Works (DPW) Equipment Replacement Program provides for the purchase and replacement of vehicles and equipment for the Department. The Sewer and Water Utilities have separate budgets that support the replacement of their respective equipment. The replacement program provides funding for smaller items such as lawn mowers and chain saws as well as larger vehicles such as plow trucks, loaders, and excavators.

In May of this year, the Common Council approved the purchase of a 2024 Freightliner 114SD Plus plow truck chassis to replace a 2003 plow truck (unit 311). The approval was for the truck chassis only as snowplow & wing manufacturers and truck box suppliers will not take orders to outfit a new truck until it is procured by the municipality.

The City took delivery of the new Freightliner chassis on November 18, 2024.

Analysis

In recent years Mequon DPW (like many other agencies) has expanded the use of salt brine to better manage snow removal operations, and to reduce overall salt usage. Salt brine is a saltwater solution containing 23% salt. The two methods of salt brine usage are pre-wetting, and anti-icing.

- Pre-wetting is the ability to spray salt brine on the actual rock salt as it's being spread on roads during plowing operations. Pre-wetting helps activate the salt and prevents the rock salt from bouncing off the pavement as it's being spread, or from traffic, thereby reducing the amount of salt that has to be spread on the roads. DPW has pre-wetting capabilities on about half of the current snowplow fleet.
- Anti-icing is the application of salt brine to the pavement prior to the storm which prevents hard pack snow from accumulating and allows for additional response time for the snowplow crews. Currently in Mequon, anti-icing is performed on main roads, dangerous curves, and bridges. With some smaller equipment, crews have also been anti-icing city parking lots and sidewalks successfully. Anti-icing has proven to also reduce overall salt usage. DPW's one truck with a salt brine tank and a spray bar for anti-icing is

only used for anti-icing and does not have the capability to plow snow or spread salt during snowplow operations. DPW's goal is to add another anti-icing unit to the fleet and be able to expand anti-icing to more neighborhood streets.

Since the time of the Freightliner truck chassis order, the DPW Highway Superintendent and Fleet Superintendent have been researching the type of salt & salt brine application system to install on the chassis. The goal of outfitting this truck chassis is to add the capabilities of anti-icing applications along with pre-wetting and traditional salt spreading with one unit. After consulting with several suppliers, trade shows and visiting other municipalities with various systems on their trucks, the superintendents have settled on a Henderson Truck Box with Wedge Tank Application System and a Universal Snowplow & Wing package.

The Henderson Wedge Tank Application system allows for use of a standard dump body with a slide in tank and application system and is considerably less expensive than other systems. This setup is only available from two vendors in Wisconsin, Universal Truck Equipment, and Casper's Truck Equipment.

For the complete purchase and installation Universal Truck Equipment came in at \$179,314 and Casper's Truck Equipment came in at \$193,670. (Quotes are attached)

Additional necessary components such as a grease system and the plow cutting edges would also be purchased for a price not-to-exceed \$4,000.

Fiscal Impact

There are adequate funds available in the Department of Public Works Equipment Replacement Account #410787-725012-10359 for these purchases.

Recommendation

A recommendation is forthcoming from the Public Works Committee on December 10, 2024.

Attachments:

Henderson Wedge Tank Application System(PDF)

Casper's Truck Equipment (Plow, Hitch, and Wing) (PDF)

Universal Truck Equipment (Dump Body) (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 4165

A Resolution Approving the Purchase and Installation of a Truck Box with Wedge Tank Application, a Universal Snowplow & Wing Package and Additional Truck Components from Universal Truck Equipment, Galesville, Wisconsin, at a Total Cost of \$183,314

RECITALS

A. The City of Mequon Department of Public Works' 2024 Equipment Replacement Program included replacing a 2003 plow truck (Unit #311).

B. The Replacement 2024 plow truck chassis was approved for purchase in May 2024 and has been delivered to the City.

C. The Department of Public Works' Fleet Division has procured two written quotes for outfitting the plow truck chassis with a Henderson Truck Box with Wedge Tank Application System and a Universal Snowplow & Wing package.

D. Staff have reviewed the quotes with the vendors to ensure the equipment meets the City's requirements.

E. Staff recommends the low bid quote of Universal Truck Equipment of Galesville, Wisconsin in the amount of \$179,314 for the purchase and installation of a Henderson Truck Box with Wedge Tank Application System and a Universal Snowplow & Wing package.

F. Staff also recommend the additional components of a grease system and snowplow cutting edges for a price not-to-exceed \$4,000.

G. Adequate funds are available for the above purchases in the Department of Public Works equipment replacement fund, account # 410787-725012-10359.

H. The Public Works Committee, at its meeting on December 10, 2024, approved staff's recommendations.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that:

1. The Agreement for the purchase and installation of a Henderson Truck Box with Wedge Tank Application System and a Universal Snowplow & Wing package is approved and awarded to Universal Truck Equipment, of Galesville, Wisconsin for \$179,314 subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

2. The purchase of additional components not-to-exceed \$4,000 for the previously purchased 2024 Freightliner truck chassis is approved.

3. Staff are authorized and directed to execute and deliver the same.

Approved by: Andrew Nerbun, Mayor

Date Approved: December 10, 2024

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on December 10, 2024.

Caroline Fochs, City Clerk



**Appleton**

700 Randolph Drive
Appleton, WI 54913
Phone: (920) 687-1111
Fax: (920) 687-1122

Milwaukee

12655 W. Silver Spring Rd
Butler, WI 53007
Phone: (262) 544-5404
Fax: (800) 261-0383

3.c.b

Account: City of Mequon
Name: Todd Zeller
Address: 1333 N. Cedarburg Road 60W
Mequon, WI 53092

Date: 10-9-2024
Email: 414-807-3071
Phone: tzeller@ci.mequon.wi.us
Note: Patrol Truck OPP# 4947

BUDGET QUOTE**1. Patrol Truck**

- A. Casper's to install Customer Supplied Plow, Hitch, and Wing also remount factory bumper and tow hooks
- B. Force Hydraulics with HotShift PTO for Allison 3000 RDS transmission
- C. VT35 Hydraulics tank with temp/level sender 30 gallon with slosh shield
- D. Force Add-a-fold 4020 calce
- E. Wing check
- F. 6100 Gen 5 with Ultra Controls 3 joy sticks floor mount
- G. Body up light with road temp sensor
- H. Stainless steel lines ran to the rear and front of chassis
- I. Pioneer quick coupler with standard hydraulic hoses
- J. Installed

- A. Henderson Mark E Stainless Steel Dump Body
- B. 10' 30" sides
- C. 7 GA 304 SS sides and head sheet material
- D. 8" bolster
- E. 3/16" AR400 Steel Floor
- F. Underbody Scissor hoist with subframe
- G. 8" I-Beam longsills Full Weld
- H. Greaseable pins and bushings
- I. Standard configuration of tailgate with 1/4" 304SS tailgate sheet with 2 horizontal tailgate braces
- J. Manual tailgate release
- K. No tailgate air calce
- L. Weld on 22"x78" cab guard
- M. Driver side front fold sown stainless steel ladder
- N. 2" driver and passenger side walk rails
- O. Installed

- A. Additional Equipment
- B. Mudflaps at rear of chassis
- C. Minimizer fenders Black Poly mounted to underside of dump body
- D. 3/4" hitch plate with 2.5" receiver tube, d-rings, and 7RV trailer plug
- E. Brake Controller
- F. Triton TSL-6RW oval STT and Back up lights mounted in rear corner posts
- G. Triton TSL-6RW oval STT and Back up lights mounted in hitch plate
- H. Triton TSL-6W Back up lights mounted in rear corner posts
- I. Triton TMB-159AG amber/green strobe light mounted on cab guard
- J. Triton TLH-38H Plow lights with stainless steel brackets
- K. Plow marker lights
- L. Triton TLL-16A sander and wing light
- M. Back up alarm
- N. Installed

Total: \$139,028.00

**Optional Equipment:**

- A. Dual 260 gal Wedge tank system with tailgate sander
- B. Dual 260-gal poly tanks
- C. Stainless steel wedge tank framework with leg kit
- D. Single lane spray boom
- E. 207 GPM pump
- F. Integral stainless steel TGS (tailgate sander) with 6" auger and 18.7 CIR direct drive hydraulic motor with feedback sensor
- G. Part # 181415.304
- H. For 86" ID Mark E body
- I. For Mark E body with 30" sides and 38" tailgate
- J. Includes hydraulic pre-wet system with 4.7 GPM pump, flowmeter and VDO hose.
- K. Installed

Add: \$54,642.00

- A. Henderson BCS System 10' system Stainless Steel
- B. Dual Pitch Auger with M12 conveyor speed sensor
- C. Standard Stainless steel screen with drop down poly spinner
- D. Rear auger cover and slurry tube
- E. Dual 260 gall tanks with anti-ice and slurry
- F. 207 GPM stainless steel anti-ice pump
- G. 3 lane spray boom with 32 GPM nozzles
- H. Standard prewet flush system
- I. Rubber tank spill shields
- J. Front material diverter
- K. Rear engage spill shield
- L. Installed

Add: \$51,941.00Submitted by: **Tony Myslicki**

All Sales Tax and FET Tax will be added

Quote firm 30 days

Terms: NET 30

Unless previously arranged, for quotes in excess of \$5,000.00 Casper's requests 25% payment upon approval / purchase order.

By signing below, I agree that I have read, understood, and will comply with the terms of this quote.

Quote accepted by: _____

Title: _____

Date Accepted: _____

PO# _____

Thank You for the opportunity to submit our quote for your consideration

Attachment: Casper's Truck Equipment (Plow, Hitch, and Wing) (RESOLUTION 4165 : 2024 Equipment Replacement - Plow, Wing, Box & Salt

UNIVERSAL TRUCK EQUIPMENT INC.
N15921 SCHUBERT RD
GALESVILLE, WI. 54630
608-539-4600 ORDERS
608-539-4800 FAX
Date: 10-23-2024

3.c.c

For: City of Mequon
Att: Todd
Quoted by: Jordan Manka & Donnie

1) Henderson HPI-11' Dump Body: Set-up for **96" C/A**

- * 11ft. length with 84" inside width Unibody design "No cross members" (7.1 cu. yd. capacity)
- * **One-piece straight sides – 30" Sides and 38" Tailgate**
- * 201 stainless steel sides and header, the side braces, front & rear bolsters, tailgate & tailgate braces, & cabshield
- * 7ga., 201 stainless steel sides & ends (Dump body is 100% welded)
- * Two (2) Vee Crimp side braces, bottom rub and top rail are sloped for dirt & debris shedding
- * 3-panel tailgate constructed with 7ga. 201 stainless steel and is 38" high
- * Two (2) tailgate grab handles, one in each corner of bottom panel (stainless steel round stock)
- * Air trip tailgate, brake chamber type (pancake style) NOT CYLINDER TYPE
- * One piece, 3/16" AR400 steel floor-200,000 PSI tensile strength (45-degree knee-brace formed into floor)
- * Fully boxed-in & fully welded top rails ~ Full depth rear corner post **7ga. 201 S/S**
- * Under frame is two 5" structural steel I-beam long sills with "**No splices**" (4" subframe) – **Fully Welded**
- * **22" x 78" Stainless Steel** cabshield, fully welded
- * **Back-up alarm - 102db / One set of shovel hooks, DS**
- * **Minimizer 2260 single axle poly fenders w/ Stainless Steel brackets – Mounted to the longsills**
- * **One set of rear quick detach rear mudflaps**
- * **1½" grip strut walk rail – full length on both sides**
- * **Stow-away type ladder front driver side with grab handle and inside step**
- * **LED S/T/T lights, LED warning lights & LED reverse lights in the rear corner post**
- * **Two (2) rear mounted tow hooks**
- * **¾" Rear Hitch Plate Assy with 2" receiver hitch & D-rings**
- * **All electrical wiring connections will run to a sealed junction box**
- * Unpainted **Stainless Steel** box / frame & underside of box painted **black**
- * Mounted & fully operational
- * One year warranty

1) Hoist: (Includes hoist limiter)

- * Mailhot CS100-4.5-3 (18.6 ton) heavy duty telescopic hoist, class 60
- * 4in. Structural Channel Subframe w/ 6in x 4in x 3/8in structural angle rear hinge & integrated cradle
- * Cylinder is **Double Acting** - full power down / One safety body prop
- * Trunnion mount cylinder with oscillating trunnion collar
- * Two-year warranty

1) Hydraulic system:

- * Force America TXV92 pump (5.6 cu. in.) & 12VDC Wetspline Allison 871XL PTO – switch in the cab
- * Force America **Ten (10)** spool Add-A-Fold with **Stainless Steel** valve body enclosure mounted on frame
- * Valve body to run D/A Plow lift w/ float, D/A Plow reversing, D/A Wing toe & heel, D/A Pushbeam, Auger, Spinner, Prewet, Anti-Ice, & D/A tele hoist with 2,500 psi. relief on down side
- * Force America Electric/Hydraulic controls **MPJC-6100-3-ULTRA / 3-Stick Controller - Gen-5**
- * **10" diagonal color TFT LCD low profile widescreen w/800 x 480 pixel resolution**
- * 30-gallon **Stainless Steel** hydraulic oil tank with in-tank type filter assy., sight & temperature gauges
- * Low oil & temp sending units / Filter by-pass / Plow cushion valve installed on front bumper
- * Proximity switch hoist limiter / Body up switch wired to 6100 / Precise ARC wireless sensor ran to the 6100
- * Prewet, AI, and Auger feedback sensor with guard, installed on idler shaft of spreader w/ guard
- * **C11020-22** - Crossover relief valve for Pushbeam / **C10488** – Cylinder lock manifold for Pushbeam
- * Hydraulic oil as needed / Hoses & couplers as needed (dust caps & plugs for all couplers)
- * **S/S** hydraulic lines run to **Front & Back** w/ short whip hoses for all stainless steel lines
- * Mounted & fully operational / One year warranty

Packet Pg. 23

Attachment: Universal Truck Equipment (Dump Body) (RESOLUTION 4165 : 2024 Equipment Replacement - Plow, Wing, Box & Salt Spreader

UNIVERSAL TRUCK EQUIPMENT INC.
N15921 SCHUBERT RD
GALESVILLE, WI. 54630
608-539-4600 ORDERS
608-539-4800 FAX
Date: 10-23-2024

3.c.c

For: City of Mequon
Att: Todd
Quoted by: Jordan Manka & Donnie

1) Henderson Tailgate Sander, Wedge Tank, Anti-Ice/Prewet System:

- * Custom tailgate sander with 6" auger, mounted to winter tailgate assy.
- * Closed loop system- includes flow meters for Auger, Prewet, & Anti-Ice
- * Hydraulic Driven Prewet Pump and Hydraulic Driven Anti-Ice Pump
- * Prewet drive system is completely enclosed in a **fiberglass housing** with a sealed removable lid
- * Cab mounted controller is part of the Ultra 6100 system
- * **Two (2) 260-gallon** polyethylene wedge tanks with 5" vented cap, mounted in the dump body
- * Bulk tank fill quick couplings will be supplied
- * Replaceable in-line screen strainer / Brass shut off valves
- * Standard installation

1) Universal UTA-12-43SL HDP RTE power reversible snow plow:

- * 12ft. plow length
- * 47in. plow height (measured as trip edge plow with 6" cutting blade)
- * 10ga. moldboard thickness
- * **Universal Snap Link hitch, plow portion, installed (same hitch as past plows)**
- * **Heavy Duty push frame** constructed with 3/8" x 4" x 4" square tubing, **ten 1/2" ribs**, fully welded, **six main hinge points** with the furthest hinge point extending about 13" from the end of the plow
- * **HD A-Frame Assy. for UTA Loader Plows ilo std. (includes lower brace assy. & greaseable pin)**
- * Two heavy duty 4" x 19" power reversing cylinders with 2" **Nitrited rods**
- * Cylinders are mounted above the push frame
- * **Plow is fully welded**
- * **Heavy duty trip cutting edge with six (6) heavy duty torsion type trip edge springs**
- * **Note: RTE=For repair purposes the trip edge springs can be replaced individually**
- * **Heavy Duty lower trip edge angle is 3/4" x 4" x 4"** - standard AASHO punch (pre-drilled for carbides)
- * **"Delete" std. cutting edge blade (City will supply & install)**
- * **Rubber snow flap**, 3 ply, 1/2" thick x 12" wide x 12' long with **Stainless Steel** hold down strap
- * **Plow end markers, 27" red cable type**
- * **Pin adjustable parking stand (older style)**
- * **Two (2) UTE Frog Savers, one installed on each end of the plow**
- * Standard hose kit with couplers
- * **DXV cushion valve**, installed on the front bumper
- * Primed & Painted Std. Orange
- * One year warranty

1) Universal Snap Link Truck Hitch

- * Std. Extendible Lift Arm
- * 3 1/2" x 10" double acting lift cylinder with Nitrited Rod (Includes Power Float)
- * 1/2" x 4" x 8" x 90" heavy duty bumper, full length
- * Hitch is bolted to the bumper with std. 5/8" bolts & nuts
- * Hitch style is such that the hood can be opened

Attachment: Universal Truck Equipment (Dump Body) (RESOLUTION 4165 : 2024 Equipment Replacement - Plow, Wing, Box & Salt Spreader

UNIVERSAL TRUCK EQUIPMENT INC.
N15921 SCHUBERT RD
GALESVILLE, WI. 54630
608-539-4600 ORDERS
608-539-4800 FAX
Date: 10-23-2024

3.c.c

For: City of Mequon
Att: Todd
Quoted by: Jordan Manka & Donnie

1) Universal AHW/UTF 9' RTE Front Mount Wing:

- * **Std. Uni-Tilt Post Assy.**
- * **9ft. moldboard length**
- * **30in. moldboard height**
- * **3/16in. moldboard thickness**
- * **Eight (8) ½" ribs, fully welded**
- * **Heavy duty trip cutting edge with heavy duty torsion type trip edge springs**
- * **Note: RTE=For repair purposes the trip edge springs can be replaced individually**
- * **Standard trip edge angle is ½" x 3" x 4" with standard AASHO punch (pre-drilled for carbides)**
- * **"Delete" std. cutting edge blade (City will supply & install)**
- * **1½" main pivot bolt**
- * **10" float at the toe**
- * **Hydraulic push bar assy. in lieu of std. spring loaded push bar assy. (includes cushion valve & lock valve)**
- * **Floating link arm at the heel**
- * **Double acting toe cylinder with 3½" bore and 2" Nitrided rod**
- * **Double acting 4" x 13" D-cell type heel cylinder with 2" Nitrided rod**
- * **Safety chain at the toe / Safety chain with rear stop**
- * **Four (4) 1" thick horizontal floating links / Two (2) ¾" thick vertical connecting links**
- * **Four (4) 1½" link bolts with 8" bushings and grease zerks / ½" thick mounting for the slab**
- * **Note: All six (6) ears connecting the vertical link assy. and the wing slab will have bushings & grease zerks**
Bushings have ¼" thick walls
- * **3/8" x 4" x 6" rectangular front tube assy. (welded to Uni-Tilt mast assy. & runs through both front cheek plates)**
- * **NOTE: End moldboard rib to have holes for bolting a warning light to wing moldboard and wire tie downs installed on the moldboard for warning light wires**
- * **Whelen TIR3 LED Warning light mounted to discharge end of wing moldboard "in use" (Std. UTE bracket)**
- * **Std. Uni-Tilt hose kit with couplers**
- * **Mounted & fully operational (Use Factory Chassis Air Bag Kit)**
- * **Primed & painted Orange**
- * **One year warranty**

1) Lights:

- * **Two (2) Federal Signal Highlighter warning lights, Amber/Green (HL15CAG)- Cabshield mounted**
- * **Two (2) Whelen TIR6 LED Amber/Green warning lights rubber grommet mounted in rear corner posts**
- * **Two (2) LED S/T/T rubber grommet mounted in the rear corner posts (MaxHeat)**
- * **Two (2) LED back-up lights rubber grommet mounted in the rear corner posts**
- * **One set of ABL LED front mounted snow plowing lights with heated lens, signals, high & low beams std. install off cowl of truck hood w/ custom Stainless Steel mounting brackets**
- * **One (1) Amber LED wing light & one (1) Amber LED sander work light – Buyers #1492116**
- * **Two (2) Amber LED work lights mnt'd off the plow light brackets to shine on the plow markers– Buyers #149211**
- * **LED 3 light cluster – rear chassis mounted**
- * **Remount factory chassis lights outside rear frame rails**

Total Package Price: \$ 179,314.00

Accepted by: _____ Title: _____

Packet Pg. 25

Attachment: Universal Truck Equipment (Dump Body) (RESOLUTION 4165 : 2024 Equipment Replacement - Plow, Wing, Box & Salt Spreader

UNIVERSAL TRUCK EQUIPMENT INC.
N15921 SCHUBERT RD
GALESVILLE, WI. 54630
608-539-4600 ORDERS
608-539-4800 FAX
Date: 10-23-2024

For: City of Mequon
Att: Todd
Quoted by: Jordan Manka & Donnie

Options: (Not included in the above total price)

* Std. Carbide Blades with ½” x 6” Cover Blade (Plow)	Add: \$1,428
* Std. Carbide Blades with ½” x 6” Cover Blade (Wing)	Add: \$1,071
* Sabre Carbide Blades (with built-in cover blade/wear gauge) (Plow)	Add: \$1,800
* Sabre Carbide Blades (with built-in cover blade/wear gauge) (Wing)	Add: \$1,350
* Two (2) Federal Signal 1” strobes on each side of rear corner posts with guards	Add: \$ 414

Estimated Lead Time is approximately 48-56 weeks after we receive the chassis

Please note:

Additional cost may be incurred for chassis modifications and/or the relocation of chassis components to accommodate the installation of the equipment listed above. Purchaser acknowledges that Universal Truck Equipment shall not be held liable for any costs, delays or delivery penalties caused due to equipment installation interference with the host chassis.

Most trucks can be ordered to eliminate or minimize the modifying or relocating of the exhaust, battery boxes, air tanks and/or fuel tanks, please confirm with your chassis provider that adequate clearance shall be provided so as no to hinder the installation of the equipment.

Accepted by: _____ Title: _____



11333 N. Cedarburg Road
 Mequon, WI 53092
 Phone: 262-236-2913
 Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Public Works

TO: Public Works Committee
FROM: Tim Weyker, Deputy Director of Public Works
DATE: December 2, 2024
SUBJECT: RESOLUTION 4166 A Resolution Approving the Purchase of a Replacement Plow Truck Chassis from Lakeside International Trucks, Milwaukee, Wisconsin in the Amount of \$127,863

Background

The Department of Public Works (DPW) Equipment Replacement Program provides for the purchase and replacement of vehicles and equipment for the Department. The Sewer and Water Utilities have separate budgets that support the replacement of their respective equipment. The replacement program provides funding for smaller items such as lawn mowers and chain saws, as well as larger vehicles such as plow trucks, loaders, and excavators.

The equipment replacement presented in the attached resolution pertains only to the following unit: replacing Unit #320, a 2004 International 7400 Plow Truck with 94,000 miles with a similar 2026 International HV607 SBA plow truck chassis (proposal attached).

Analysis

Department policy is to replace at least one of the City's 19 plow trucks each year. Over the last several years, due to supply chain issues and ongoing vendor backlogs, DPW's typical truck bidding process where plow trucks are built to the City's exact specifications is not available. Vendors have told City staff that they are unable to quote new plow trucks in this fashion since 2022. The City's most recent plow truck purchase was a 2024 Freightliner unit that DPW has purchased and will be in the process of getting outfitted with a dump box, salt & brine equipment, snowplow & wing. That unit will not be operational for this current winter season.

Back in 2023 when the City was not able to place an order for a new plow truck chassis because none were available, its Fleet Superintendent did secure a slot for the City on Lakeside International's "no obligation" waiting list for International Truck's 2024 or 2025 production years. This purchase opportunity is the result of being on that list, and there are no other chassis manufacturers taking any orders at this time. The International HV607 SBA plow truck chassis as quoted meets all of the City's requirements for the chassis.

This purchase is for a truck chassis only. Snowplow & wing manufacturers and truck box suppliers will not take orders to outfit a new truck until it is procured by the municipality. Once the truck chassis is built and delivered, staff will procure the required snowplow & wing along with the appropriate truck box, salt brine tank, and salt spreader. With the current state of supply chain issues, the truck is not likely to be completely outfitted until late 2026.

This International plow truck chassis purchase takes advantage of International Truck's Sourcewell Cooperative Purchasing Contract #032824 (attached), meeting the City's procurement policy.

Fiscal Impact

With the adoption of the Annual Budget for 2025 in November, adequate funds will be available in the Department of Public Works equipment replacement account #410787-725012-10359 for this purchase. As new snowplow trucks are completed and put into service, the old units will be sold on Wisconsin Surplus Online Auction, and the proceeds will be deposited back into the same account.

Recommendation

A recommendation is forthcoming from the Public Works Committee on December 10, 2024.

Attachments:

Truck Chassis Sale Proposal (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 4166

A Resolution Approving the Purchase of a Replacement Plow Truck Chassis from Lakeside International Trucks, Milwaukee, Wisconsin in the Amount of \$127,863

RECITALS

A. The City of Mequon Department of Public Works' 2025 Equipment Replacement Program includes replacing a 2004 International 7400 plow truck (Unit #320).

B. The Department of Public Works' Fleet Division has procured a written quote for a 2026 International HV607 SBA plow truck chassis based on Sourcewell's Cooperative Purchasing Agreement (Contract #032824).

C. Staff have reviewed the quote with the vendor to ensure the plow truck chassis build meets the City's requirements.

D. Adequate funds are available for the plow truck chassis in the Department of Public Works equipment replacement fund, account # 410787-725012-10359.

E. The Public Works Committee, at its meeting on December 10, 2024, approved staff's recommendation.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that:

1. The Agreement for the Purchase of an International HV607 SBA plow truck chassis as proposed is approved and awarded to Lakeside International Trucks, Milwaukee, Wisconsin for \$127,863, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

2. Staff are authorized and directed to execute and deliver the same.

Approved by: Andrew Nerbun, Mayor

Date Approved: December 10, 2024

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on December 10, 2024.

Caroline Fochs, City Clerk



HV607 SBA

Sales Proposal For:
CITY OF MEQUON

Presented By:
LAKESIDE INTL, LLC

Attachment: Truck Chassis Sale Proposal (RESOLUTION 4166 : 2025 Equipment Replacement - Plow Truck Chassis Only)

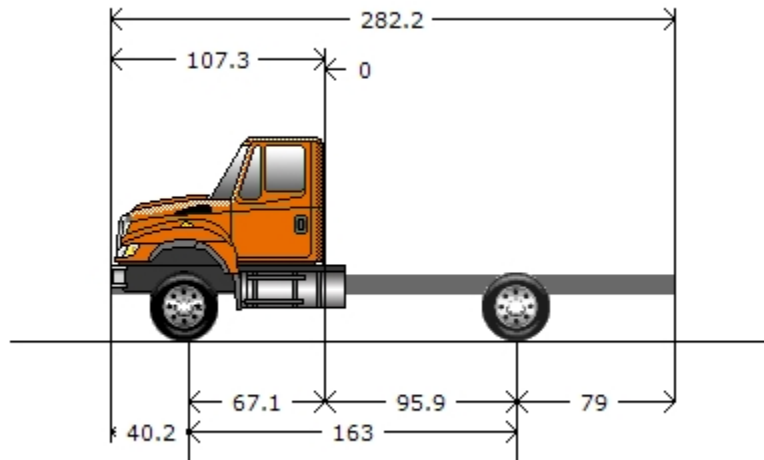
Prepared For:

CITY OF MEQUON
 Todd Zeller
 11333 N Cedarburg Rd.
 Mequon, WI 53092-1930
 (414)242 - 3100
 Reference ID: SW

Presented By:

LAKESIDE INTL, LLC
 Patrick McNamara
 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
2026 HV607 SBA (HV607)

AXLE CONFIG:	4X2
APPLICATION:	Front Plow and Wing with Spreader
MISSION:	Requested GVWR: 43000. Calc. GVWR: 46000. Calc. GCWR: 80000 Calc. Start / Grade Ability: 28.34% / 3.70% @ 55 MPH Calc. Geared Speed: 72.1 MPH
DIMENSION:	Wheelbase: 163.00, CA: 95.90, Axle to Frame: 79.00
ENGINE, DIESEL:	{Cummins L9 370} EPA 2024, 370HP @ 2100 RPM, 1250 lb-ft Torque @ 1200 RPM, 2100 RPM Governed Speed, 370 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S26-190D} Single Reduction, 26,000-lb Capacity, Driver Controlled Locking Differential, R Wheel Ends Gear Ratio: 5.57
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position
TIRE, REAR:	(4) 12R22.5 Load Range H XDN2 (MICHELIN), 483 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, AIR, SINGLE:	{Hendrickson PRIMAX EX 262} 26,000-lb Capacity, 9.0" Ride Height, with Shock Absorbers
PAINT:	Cab schematic 100WL Location 1: 0311, Omaha Orange (Std) Chassis schematic N/A

Vehicle Specifications
2026 HV607 SBA (HV607)

November 26, 2024

Code	Description
HV60700	Base Chassis, Model HV607 SBA with 163.00 Wheelbase, 95.90 CA, and 79.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Frame Mounted
1572	TOW HOOK, REAR (2)
1ANA	AXLE CONFIGURATION 4x2
	<u>Notes</u> : Pricing may change if axle configuration is changed.
1CAJ	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.437" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL
1LLA	BUMPER, FRONT Swept Back, Steel, Heavy Duty
1WDS	FRAME EXTENSION, FRONT Integral; 20" In Front of Grille
1WGR	WHEELBASE RANGE 138" (350cm) Through and Including 187" (475cm)
1WRN	BRACKET, CAB MOUNT Heavy Duty
2ARY	AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
3AGA	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 20,000-lb Capacity, with Shock Absorbers
3WAJ	SPRINGS, FRONT AUXILIARY Air Bag, Right Side Only, Driver Control
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
	<u>Includes</u> : 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 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4AZJ	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System, with Automatic Traction Control
4EBD	AIR DRYER {Wabco System Saver 1200} with Heater
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VGN	AIR TANK Painted Aluminum, with Straight Thread O-Ring Ports
4VKC	AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab
4WDA	DRAIN VALVE (3) Petcocks, for Air Tanks
4WJJ	DUST SHIELDS, FRONT BRAKE Rotor, with Air Disc Brakes
4WJL	DUST SHIELDS, REAR BRAKE Rotor, with Air Disc Brakes
4WZJ	AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail
4XCJ	BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity
4XCK	BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity per Axle
4XDX	BRAKE CHAMBERS, FRONT AXLE 20 SqIn, for Air Disc Brakes

Attachment: Truck Chassis Sale Proposal (RESOLUTION 4166 : 2025 Equipment Replacement - Plow Truck Chassis Only)

Vehicle Specifications
2026 HV607 SBA (HV607)

November 26, 2024

Code	Description
4XEC	BRAKE CHAMBERS, REAR AXLE 24/24 SqrIn Spring Brake, Double Diaphragm, for Air Disc Brakes
5708	STEERING COLUMN Tilting
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black
5PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power
6DGC	DRIVELINE SYSTEM {Dana Spicer} SPL170, for 4x2/6x2
7BEU	AFTERTREATMENT COVER Aluminum
7BLW	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
7SCP	ENGINE EXHAUST BRAKE for Cummins ISB/B6.7/ISL/L9 Engine with Variable Vane Turbo Charger
7WAZ	TAIL PIPE (1) Turnback Type
7WBS	MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel
7WCR	EXHAUST HEIGHT 10' 11"
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
	<u>Includes</u>
	: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
	: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
	: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
	: 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
8518	CIGAR LIGHTER Includes Ash Cup
8695	SNOW SHIELD (2) Chrome; for Dual Air Horns
8899	JUMP START STUD (2) 12V, Remote Mounted
8GXD	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense
8HAB	BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, 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
8HAH	ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Combined Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package with Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket
8HXT	HORN, AIR (2) Single Tone, Chrome, Roof Mounted, with Lanyard Pull Cord
8MMZ	BATTERY SYSTEM {Fleetrite AGM-GP31} Maintenance-Free, (3) AGM 12-Volt 2475CCA Total, Top Threaded Stud
8REA	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
8RMV	SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

Attachment: Truck Chassis Sale Proposal (RESOLUTION 4166 : 2025 Equipment Replacement - Plow Truck Chassis Only)

<u>Code</u>	<u>Description</u>
8RPR	ANTENNA for Increased Roof Clearance Applications
8RPS	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input
8THJ	AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications
8TMH	SWITCH, AUXILIARY Accessory Control; for Wiring in Roof, with Maximum of 20 amp Load with Switches In Instrument Panel
8VAY	HORN, ELECTRIC Disc Style
8WMA	SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8WXG	STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8XDZ	BATTERY BOX Steel, 2-3 Battery Capacity, Mounted Inside the Cab, Under Passenger Seat
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender
8XMB	CONNECTOR, DASH, CENTER PANEL Cab Wiring for TMC RP1226 Vehicle Accessory Connector; Includes 14-pin Connector with Switched Power, Battery Power, Ignition Power, Ground & Body 250K Datalink, Connector Located Behind Instrument Panel Center Console
8XNY	HEADLIGHTS Halogen
8XPK	POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) with USB-A Port and USB-C Port, Located in the Instrument Panel
9585	FENDER EXTENSIONS Rubber
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges
9HAN	INSULATION, UNDER HOOD for Sound Abatement
9HBM	GRILLE Stationary, Chrome
9HBN	INSULATION, SPLASH PANELS for Sound Abatement
9WAC	BUG SCREEN Mounted Behind Grille
9WBC	FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV
10021	CHASSIS COATING Corrosion Resistant E-Coat Primer Coating for Single Frame Rails
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "WL"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
10JPA	CUSTOMER IDENTITY for Sourcewell
10SLV	PROMOTIONAL PACKAGE Government Silver Package

Vehicle Specifications
2026 HV607 SBA (HV607)

November 26, 2024

Code	Description
10UAV	VEHICLE REGISTRATION IDENTITY ID for Non-CARB Omnibus and/or Non-ACT Adopting State or Exempt Vehicle. Not for use on vehicles registering in CA/MA /OR/NJ/NY/WA. Contains non-mitigated legacy engine & cannot be registered in CA unless exempt. You may be held liable under state law for failure to properly register vehicle.
	<u>Notes</u> : CANNOT BE REGISTERED IN CA. For vehicles that will be registered in States other than CA.
10WBS	KEYS - ALL ALIKE, ADDITIONAL 2 Keys
10WKN	KEYS - ALL ALIKE, ID I-1624 Compatible with Z-250
11001	CLUTCH Omit Item (Clutch & Control)
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12EZA	ENGINE, DIESEL {Cummins L9 370} EPA 2024, 370HP @ 2100 RPM, 1250 lb-ft Torque @ 1200 RPM, 2100 RPM Governed Speed, 370 Peak HP (Max)
12THT	FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed
	<u>Includes</u> : FAN Nylon
12UWZ	RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler
	<u>Includes</u> : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber
12VAG	AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control
12VKC	EMISSION, CALENDAR YEAR {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2025
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
12VYL	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use
12WUL	BLOCK HEATER, ENGINE {Phillips} 120V/1000W, with "Y" Cord for Dealer Installed 120V/300W Oil Pan Heater
	<u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
12WVH	EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Door
12WZE	CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations
12XBM	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines
12XCS	CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty
13BCS	TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
13WET	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints

Attachment: Truck Chassis Sale Proposal (RESOLUTION 4166 : 2025 Equipment Replacement - Plow Truck Chassis Only)

Code	Description
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab
13WYU	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming
13XAL	PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab
14AHL	AXLE, REAR, SINGLE {Dana Spicer S26-190D} Single Reduction, 26,000-lb Capacity, Driver Controlled Locking Differential, R Wheel Ends . Gear Ratio: 5.57
14TCL	SUSPENSION, REAR, AIR, SINGLE {Hendrickson PRIMAX EX 262} 26,000-lb Capacity, 9.0" Ride Height, with Shock Absorbers
14WAS	SUSPENSION LEVELING VALVE Dual Height; One Additional, for Air Ride Suspension
15924	FUEL TANK STRAPS Bright Finish Stainless Steel
15LNS	FUEL/WATER SEPARATOR {Racor 400 Series} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor, Mounted on Engine
15SGG	FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 70 US Gal (265L), Mounted Left Side, Under Cab
15WDG	DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab
16030	CAB Conventional, Day Cab
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16GED	GAUGE CLUSTER Base Level; English with English Electronic Speedometer
	<u>Includes</u>
	: GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for
	: GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure
	: WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16JNV	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
16SEE	GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar
16SMX	SEAT, PASSENGER {Seats, Inc.} Non Suspension, High Back, Fixed Back, Integral Headrest, Cloth, for use with Batteries in Cab
16SNM	MIRRORS (2) C-Loop, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width

Notes

: Mirror Dimensions are Rounded to the Nearest 0.5"

<u>Code</u>	<u>Description</u>
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
	<u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap
16VLV	MONITOR, TIRE PRESSURE Omit
16VSL	WINDSHIELD Heated, Single Piece
16WBY	ARM REST, RIGHT, DRIVER SEAT
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood
16WSK	CAB REAR SUSPENSION Air Bag Type
16WSL	MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} (2) Right and Left Sides, Black 7.5" Sq.
16XJN	INSTRUMENT PANEL Flat Panel
16XWD	SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color, with Integral Clearance/Marker Lights
16XXC	COWL TRAY LID
16ZJA	ACCESS, CAB Aluminum, Self-Cleaning, Open and Serrated Design, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab, Extended Cab or Sleeper Cab
27DUR	WHEELS, FRONT {Accuride 41730} DISC; 22.5x9.00 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
28DWR	WHEELS, REAR {Accuride 43644} DUAL DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
29WAP	WHEEL GUARDS, FRONT {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts Mounted Between Hub and Wheel
60AKG	BDY INTG, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, with Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions
7482153264	(4) TIRE, REAR 12R22.5 Load Range H XDN2 (MICHELIN), 483 rev/mile, 75 MPH, Drive
7792545437	(2) TIRE, FRONT 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position
	Services Section:
40128	WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A
	Floor Mats
	Title and Fees
	40YZL-SRV CONT, EXT CUMMINS ENG/AFTR{Cummins} To 60-Month/100,000 Miles

(US DOLLAR)	
Description	Price
Net Sales Price:	\$127,863.00

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.

This proposal was written using 2025 Sourcewell pricing. The final price may vary depending on the production date, additional surcharges and/or freight increases. Your representative will reach out to you if there are any additional changes.

Navistar International Sourcewell Contract #060920-NVS

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.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

Attachment: Truck Chassis Sale Proposal (RESOLUTION 4166 : 2025 Equipment Replacement - Plow Truck Chassis Only)



11333 N. Cedarburg Road
 Mequon, WI 53092
 Phone: 262-236-2913
 Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Public Works

TO: Public Works Committee
FROM: Justin Bodoh, Building Superintendent
DATE: December 10, 2024
SUBJECT: RESOLUTION 4167 A Resolution Awarding a Contract for the Replacement of Various HVAC Units and Other Upgrades within the Council Chambers at City Hall to Selzer-Ornst Construction of Milwaukee, Wisconsin, in an Amount Not-to-Exceed \$975,000

Background

On July 13, 2023, City Hall air conditioning condensing units outside the original City Hall building failed. As a result of their failure, a 6T and a 15T air handling unit also sustained major coil damage. The City's HVAC preventative maintenance contractor made emergency repairs, but considering the age and condition of the equipment, it was recommended that the City pursue replacement of the system. The emergency repair was understood to be temporary.

At its August 8, 2023, meeting, the Common Council ratified the cost of the HVAC repairs. Staff recommended consideration of more permanent repairs or replacement, but the discussion was delayed to be considered with the 2024 capital budget.

The 2018 EMG Facilities Condition Assessment of City-owned facilities identified the City Hall 1936 vintage HVAC system for complete replacement. Since that time several components of the HVAC system have been replaced on an as-needed basis, most notably the boiler in 2019, and two rooftop 2T air handling units in 2020. The study also included a number of additional capital projects that could be included in the scope of work.

The failed condensing units are located outside near the northwest corner of the building, and the air handling units are located in the attic above the ceiling of the small conference room directly west of the council chamber's dais.

Because of the age of the existing units and the differences in older vs. newer technologies, parts for the system simply can't be replaced in kind. Units, controls, fittings, and mounting systems all need to be designed to work with the system, and to meet current safety requirements, including building a new platform & catwalk to access the units.

The 2024 capital budget included an allocation for the repair based upon the recommendation of the City's HVAC preventative maintenance contractor. Due to the custom nature of the City's HVAC system and outdated components, a design firm was hired to ensure the functionality of the new system. At the time of design award, staff considered requesting that the Common Council determine project components to include in the bid package, but ultimately recommended design of all project components. The bid was structured such that the Common

Council could determine the project components at the time of award, and the design for the remaining components could be utilized in a future bid package.

In February, staff started working with Strang to engineer and design a permanent solution for the HVAC system in the Council Chambers. Along with the HVAC system, Strang designed multiple option upgrades throughout the Council Chambers that were identified in the 2018 EMG Facilities Condition Assessment and by Buildings Division staff.

At its May 14, 2024, meeting, staff recommended rejecting bids, since low bids came in approximately 57% higher than Strang's engineering estimates. At this time Common Council selected the suspended metal panels with a wood grain look (Alternate 1) for the Chamber's ceiling replacement and indicated that the accessory projects (flooring and window replacement) should be bid as additional options.

In September of this year, the Buildings Division issued a 2nd invitation for bids for City Hall HVAC and Chamber Upgrades based on Strang's design, and direction of the Common Council at their May 14 meeting. The bids received were more competitive, with the total project cost approximately \$276,467 cheaper than last spring's bid opening.

Analysis

As proposed, the bid package includes:

- Replacement of AHU's and condensing units with updated controls.
- Ceiling replacement of the Council Chambers with a base item concept and 1 alternative concept.
 - Base Bid - Ceiling replaced with acoustical drywall - (attached)
 - Alternate 1 - Suspended metal panels with woodgrain look - (attached). Lighting / Electrical upgrades - power being brought over from addition, (BAS) Building Automation System lighting controls, LED lighting.
- Replacement of 8 Windows in Council Chambers.
- Flooring replacement with carpet tile with City of Mequon Logo (black/grey/white)

All aspects of Strang's engineering and design of the Common Council Chambers have efficiency and aesthetics in mind. Buildings Division staff is working with the IT Division on all future upgrades of the Audio/Video needed in the Council Chambers and ceiling Alternate 1 is designed to ensure the longevity of the Council Chambers, giving the ability to add HVAC, electrical and IT upgrades since the Barrel Ceiling option acts as a raceway for future needs. All options have been reviewed and passed by the State Historic Preservation Office, and the HVAC design was approved by E-Plan.

Prior to bidding, Strang's construction cost estimate ranged from \$384,152 to \$647,483.52 depending on what options were chosen. Stang's construction cost estimate for HVAC including all options, was \$647,483.52. All vendor/manufacture pricing was considered, and industry standard labor rates were used to produce the construction estimate. The bids received ranged from \$479,607 to \$1,057,100, which overall resulted in better pricing from the prior bids. The bid pricing and option breakdown and Strang's construction cost estimate are also attached.

The post-bid analysis determined that the bids received were more competitive than the April bids, although still slightly higher pricing than Strang's construction estimate. Due to timeline for the customization of the HVAC components, the anticipated project timeline is March through October 2025. With the direction of the Common Council at the May 14 meeting, staff is recommending replacement of the AHU's and condensing units with updated controls, suspended metal panels with a wood grain look, lighting/electrical, window replacement, and flooring replacement in the main Council Chamber. Alternate 2 for Aldermanic Conference Room flooring came in between \$8,500 and \$10,810. Buildings Division staff recommends not including that flooring in the contract award, and instead completing such with in-house staff post-project.

Fiscal Impact

The Building Division's City-wide Capital Buildings Account currently has a balance of \$165,818, and the 2025 balance is projected to be \$340,817.81 as of January 1. It is anticipated that the balance of the project will be funded through proceeds resulting from a planned bond issue in January 2025.

As the design consultant and staff believe the bid pricing is market appropriate, along with Council's direction, staff is recommending award of Items 1 through 5 with the alternate barrel ceiling. Notably, the overall project cost in an amount not-to-exceed \$975,000 includes a small contingency of approximately \$16,000 (roughly 2%) to account for unforeseen circumstances that may be discovered during the course of the project.

Recommendation

A recommendation is forthcoming from the Public Works Committee on December 10th, 2024.

Attachments:

Concept Alternate 1: Barrel Ceiling (PNG)

Concept Item 2: Acoustical Drywall (PNG)

Bid Pricing City Hall HVAC and Chamber Upgrade(PDF)

Strang's Engineer's Estimate (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 4167

A Resolution Awarding a Contract for the Replacement of Various HVAC Units and Other Upgrades within the Council Chambers at City Hall to Selzer-Ornst Construction of Milwaukee, Wisconsin, in an Amount Not-to-Exceed \$975,000

RECITALS

- A. The Department of Public Works' Buildings Division has received bids for Common Council HVAC and Chamber Upgrades at Mequon City Hall.
- B. The bids were reviewed by staff for compliance with requirements specified.
- C. Adequate funds will be available supplemented by a borrowing of in addition to the City-Wide Building Repairs account (410796 730016 12015).
- D. The Committee on Public Works, at its meeting on December 10, 2024, approved staff's recommendation.

BASED UPON THE FOREGOING RECITALS IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin, that:

- 1. Staff is authorized to award the bid for the AHU's and Condensing units with updated controls in the amount of \$603,909.
- 2. Staff is authorized to award the bid for the suspended metal panels with woodgrain look ceiling and lighting/electrical upgrades in the amount of \$264,743.
- 3. Staff is authorized to award the bid for the window replacement in the amount of \$46,502.
- 4. Staff is authorized to award the bid for the flooring replacement in the amount of \$43,879.
- 5. The Agreement for City Hall HVAC and Chamber Upgrade, as let for bid, is approved and awarded to Selzer-Ornst Construction of Milwaukee, Wisconsin, in an amount not to exceed \$975,000, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.
- 6. Upon approval of the contracts by the City Attorney (subject to any clerical, technical and/or legal changes deemed necessary and appropriate) the Mayor and City Clerk are authorized and directed to execute and deliver the same.

Approved by: Andrew Nerbun, Mayor

Date Approved: December 10, 2024

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on December 10, 2024.

Caroline Fochs, City Clerk





Options	Selzer-Ornst Construction	Tri- North	Duffek Construction	Level-Up Construction
Item 1 Replacement of AHU's & Condensing units with updated controls	\$603,909	\$510,000	\$535,868	\$479,607
Item 2 Acoustical Drywall Ceiling	\$40,690.00	\$134,400.00	\$185,689.00	\$79,664.00
Item 3 Lighting / Electrical	\$78,500.00	\$102,000.00	\$88,705.00	\$77,516.00
Item 4 Window Replacement	\$46,502.00	\$67,200.00	\$71,309.00	\$54,443.00
Item 5 Flooring (Carpet Squares)	\$43,879.00	\$83,000.00	\$52,670.00	\$931,640.00
Alt. 1 Suspended Metal panels w/ woodgrain look ceiling	\$145,553.00	\$152,00.00	\$63,811.00	\$240,410.00
Alt. 2 Alderman Conference room flooring	\$10,539.00	\$8,500.00	\$9,125.00	\$10,810.00
Item 1 + Item 2 + Item 3 Lighting and Electrical Upgrades	\$723,099.00	\$746,400.00	\$810,262.00	\$636,787.00
Item 1 + Item 2 + Item 3 + Item 4 Window's	\$769,601.00	\$813,600.00	\$881,571.00	\$691,230.00
Item 1 + Item 2 + Item 3 + Item 4 + Item 5 Flooring	\$813,480.00	\$896,600.00	\$934,241.00	\$736,630.00
Item 1 + Item 2 + Item 3 + Item 4 + Item 5 + Alt. 2 Conferenece room flooring	\$824,019.00	\$905,100.00	\$943,366.00	\$747,440.00
Item 1 + Item 4	\$650,411.00	\$577,200.00	\$607,177.00	\$534,050.00
Item 1 + Item 5	\$647,788.00	\$593,000.00	\$588,538.00	\$525,007.00
Item 1 + Item 5 + Alt. 2	\$658,327.00	\$601,500.00	\$597,663.00	\$535,817.00
Item 1 + Alt. 1 Suspended Metal panels w/ woodgrain look	\$790,152.00	\$796,400.00	\$785,368.00	\$799,681.00
Item 1 + Alt. 1 + Item 3	\$868,652.00	\$898,400.00	\$874,073.00	\$877,197.00
Item 1 + Alt. 1 + Item 3 + Item 4	\$915,154.00	\$965,600.00	\$945,382.00	\$931,640.00
Item 1 + Alt. 1 + Item 3 + Item 4 + Item 5	\$959,033.00	\$1,048,600.00	\$998,052.00	\$986,083.00
Item 1 + Alt. 1 + Item 3 + Item 4 + Item 5 + Alt. 2	\$969,572.00	\$1,057,100.00	\$1,007,177.00	\$996,893.00

Item 1 - Replacement of AHU's & Condensing units with updated controls

Item 2 - Acoustical Drywall Ceiling

Item 3 - Lighting / Electrical upgrade

Item 4 - Window Replacement

Item 5 - Flooring (Carpet Squares)

Alt. 1 Suspended Metal panels w/ woodgrain look ceiling

Alt. 2 Alderman Conference room flooring

Yellow = Low bid per category/Item

Engineer's Estimate (STRANG)

3.e.d

City of Mequon- Remodel

Division	Description	Total Incl O&P
Demolition		\$ 10,000.00
Exterior	concrete pad and bollard	\$ 3,000.00
Windows	(8) Three panel single hung Windows	\$ 16,400.00
Mezzanine	New planking and misc framing.	\$ 2,347.00
Ships ladder	Ships ladder with mounting brackets.	\$ 6,805.00
Miscellaneous Carpentry	Blocking, wall remove for mechanical access	\$ 5,000.00
Ceiling Base Bid	USG ensemble acoustical drywall system - including installation by their factory-certified installers.	\$ 75,000.00
Carpeting	Carpet squares throughout Chamber and Elevator lobby 325 yards	\$ 18,244.00
Carpet	City of Mequon logo	\$ 4,000.00
Ceiling in Alderman Conference Room 103 and Storage Room 104		\$ 7,740.00
Mechanical System		\$ 180,000.00
Electrical System		\$ 75,000.00
		\$403,536.00
Contractor Fee		\$ 28,247.52
General Conditions		\$ 60,530.40
Construction Contingency		\$ 40,353.60
Owner Contingency		\$ -
		\$532,667.52
Alternate #1-Ceiling	USG wood-look metal ceiling for material, including installation by their factory-certified installers.	\$ 110,000.00
Alternate #2-Ceiling	¼" drywall on drywall grid over existing popcorn ceiling, level 5 finish and wood veneer wallcovering	\$ 73,392.00
Alternate #3-Carpet in Alderman room		\$ 4,816.00

Attachment: Strang's Engineer's Estimate (RESOLUTION 4167 : City Hall HVAC and Chamber Upgrade -



11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Engineering

TO: Public Works Committee
FROM: Kristen Lundeen, Director of Public Works/City Engineer
DATE: December 10, 2024
SUBJECT: Public Works Work Plan (12.10.24)

Attached for the Board's review is a copy of the final work plan for 2024.

Attachments:

2024 Work Plan (12.10.24) (PDF)

**Public Works Committee
2024 Work Plan (December 10, 2024)**

4.a.a

Month	Agenda Topics
December	• Resolution: Civic Campus Master Plan Contract Award • Resolution: Brush Site Contract Award • Resolution: Snow Plow Truck Plow, Wing, Box and Salt Spreader • Resolution: Snow Plow Truck Chassis Purchase • Resolution: City Hall HVAC Contract Award

Future Agenda Topics

- Drainage CIP Prioritization
- Policy language for structures (i.e. Little Free Library) within the building setback

2024 Completed Items:

• Resolution: Contract Award for City Hall HVAC Design • Resolution: Contract Award for Vendors Exceeding \$25k for Inspection Services • Resolution: Contract Award for Lift Purchase • 2024 Road Program Overview • Resolution: Road Improvements Contract Award • Resolution: Cracksealing Contract Award • Resolution: GSB-88 Contract Award • Resolution: Purchase of a Bat-wing Mower • Resolution: Approval of a Pre-Development Agreement with the Rotary Club of Thiensville-Mequon for Development of an All-User Inclusive Playground at Rotary Park • Resolution: Contract Award for an Update to the Comprehensive Park, Recreation & Open Space Plan • Resolution: Contract Award for Bikeway Master Plan and MOU with Thiensville for Cost Share of Local Share • Resolution: Bid Rejection for City Hall HVAC • Resolution: MOU with Brown Deer for County Line Road Improvements • Resolution: Median Maintenance Contract Award • Resolution: Truck Chassis Purchase	• Resolution: Rejection of CRP Grant and Authorization of We Energies Contract for Mequon Rd Street Lights • Resolution: Award of Design for Brush Site Automated Gate • Community Survey Topics • Ordinance: Stormwater Text Amendment • Resolution: Port Washington Road Streetscape Bid Documents • Appeal Bill No. 8201 • Resolution: SMAs for Wauwatosa Road • Resolution: Amended Res. 4026 – SMAs for Mequon Road Sidewalk • Resolution: Revised MOU for County Line Road (construction staking) • Resolution: Authorization of Vendors to Exceed \$25k • Resolution: Contract Award to Analyze FEMA's Recent Floodplain Mapping, Data and Modeling Update • Resolution: Gazebo Hill Drainage Easement • Discussion: Road Program Recap • Discussion: Fiesta Lane Drainage Recap • Discussion: Enterprise Lease Annual Report
--	--

Attachment: 2024 Work Plan (12.10.24) (9934 : Public Works Work Plan (12.10.24))