



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, February 13, 2024

6:30 PM

North Conference Room

Agenda

1) Call to Order, Roll Call

2) Approval of Minutes

a. December 12, 2023 Minutes

3) Resolutions

Action requested: review and recommend approval

a. **RESOLUTION 4100** A Resolution Awarding a Design Contract for Replacement of Various HVAC Units and Other Upgrades to the Council Chambers at City Hall to Strang, Waukesha, Wisconsin, in the Amount of \$90,000

b. **RESOLUTION 4101** A Resolution Approving the Purchase of Two Steril-Koni Mobile Column Lifts from Midwest Equipment Specialists, Inc., of McFarland, Wisconsin in the Amount of \$30,994

c. **RESOLUTION 4102** A Resolution Authorizing Supplemental Inspection Services in Excess of \$25,000 During the 2024 Construction Season with the Following Engineering Firms: GRAEF, Kapur & Associates, M-Squared, North Shore Engineering, raSmith and Ruekert-Mielke, Inc.

4) Discussion Items

Discussion and Possible Action

a. 2024 Annual Road Program

b. Public Works Work Plan (2.13.24)

5) Adjourn

Dated: February 13, 2024

/s/ Kathleen Schneider, 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.



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Public Works Department

PUBLIC WORKS COMMITTEE
Tuesday, December 12, 2023
6:00 PM
South Conference Room

Minutes

1) Call to Order, Roll Call

The meeting was called to order at 6:00 PM.

Present:

Chair Kathleen Schneider
 Alderman Jeffrey Hansher
 Alderman Kelly Tolocko -- **Absent**

Also present: Director of Public Works/City Engineer Lundeen, Assistant City Engineer McCraw, Parks and Forestry Superintendent Gies, City Attorney Sajdak and Administrative Assistant Schlereth.

2) Approval of Minutes

a. November 14, 2023, Minutes

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

MOVED BY: Alderman Hansher

SECONDED BY: Alderman Schneider

AYES: Schneider, Hansher

ABSENT: Tolocko

3) Resolutions

Action requested: review and recommend approval

- a. **RESOLUTION 4098** A Resolution Approving Award of a Contract for Construction of the Combined Concession and Restroom Facility at Lemke Park to Altius Building Company of Milwaukee, Wisconsin in an Amount Not-to-Exceed \$984,500

Attachment: 12-12-23 PW Min (9126 : December 12, 2023 Minutes)

Committee members stated Lemke Park currently has no running water and only offers seasonal portable toilets to visitors.

The accepted bid from Altius included Item 1: Base Bid, Item 2: Green Infrastructure, Alternate 1: Monument Sign and Alternate 3: Camera Units and Wiring totaling \$894,705. Adding contingency amount of \$89,795 to the total brings the award amount to \$944,919.

Staff clarified that Alternate 3: Camera Units and Wiring refers to the installation of exterior cameras a wireless entry installation.

Alternative 2: New Roof Existing Pavilion was not recommended by staff to be added due to the existing pavilion roof having 10 or more years of life left to it and not being a cost effective option to replace at this time.

Alderman Hansher asked if fundraising will continue for the building and park sustainability. Staff stated that fundraising brick sales are expected to continue, and the user fee schedule will be reviewed.

Clarification was made that City staff maintains the walking path at Lemke Park.

RESULT: Approved by Voice Acclamation [Unanimous]

MOVED BY: Alderman Hansher

SECONDED BY: Alderman Schneider

AYES: Schneider, Hansher

ABSENT: Tolocko

4) Discussion and Possible Action Items

Discussion and Possible Action

- a. Authorizing City staff to permit the Village of Germantown to reconstruct portions of Donges Bay Road and Wasaukee Road within the City of Mequon

Committee members supported staff's recommendation.

- b. Public Works Work Plan (12.12.23)

5) Adjourn

- a. Motion to Adjourn at 6:19 PM

RESULT: **Approved by Voice Acclamation [Unanimous]**
MOVED BY: Alderman Schneider
SECONDED BY: Alderman Hansher

AYES:	Schneider, Hansher
ABSENT:	Tolocko

Respectfully Submitted,

Ren Schlereth
Administrative Assistant

Attachment: 12-12-23 PW Min (9126 : December 12, 2023 Minutes)



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Office of Public Works

TO: Public Works Committee
FROM: Tim Weyker, Deputy Director of Public Works
DATE: February 5, 2024
SUBJECT: RESOLUTION 4100 A Resolution Awarding a Design Contract for Replacement of Various HVAC Units and Other Upgrades to the Council Chambers at City Hall to Strang, Waukesha, Wisconsin, in the Amount of \$90,000

Background

On July 13, 2023, City Hall HVAC 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 eventual replacement of the system. The \$16,000 emergency repair was understood to be a temporary repair.

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 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.

Analysis

Because of the age of the existing units and the differences in older vs. newer technologies, parts of 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.

In October of 2023, Buildings Division staff issued an initial Request for Proposals (RFP) for design to replace the condensing units and the 6T and 15T air handling units with one new combined 25T unit. As conceived, the new combined unit was to be placed outside where the existing condensing units are located, at the suggestion of the City's HVAC preventative maintenance contractor. During the solicitation process and meeting with potential bidders, several concerns were identified such as the size of the combined unit, the required ductwork that would have to be added to the outside of the building (affecting the historic facade of the building), and potential asbestos removal issues.

Considering these new challenges, staff issued a revised RFP in December that includes two base bid options for the replacement of the failed HVAC units.

- Base Bid A includes design for replacement of the condensing units and the air handler units in their current configuration and location, with updated controls.
- Base Bid B includes design for the replacement of the units with a single 25T unit as described above, but also includes adding ductwork inside the building and screening of the new unit to preserve the historic landmark designation of the building.

The revised RFP also included the necessary investigative asbestos work in the design and bid items, so that such asbestos removal can be included during construction.

Considering that the work to replace the failed HVAC units will likely close the Council Chambers for a period of time, and that there are additional repairs to City Hall that were identified in the 2018 EMG Facilities Condition Assessment, staff also included 4 additive design items in the RFP.

- Additive 1 - Design of the replacement of the popcorn ceiling in the Common Council Chambers with a modern alternative.
- Additive 2 - Design of lighting and electrical upgrades in the Common Council Chambers of both overhead and wall mounted units.
- Additive 3 - Design of window replacement throughout the Common Council Chambers meeting all building architectural standards.
- Additive 4 - Design of replacement flooring in the Common Council Chambers with either carpet squares or hardwood flooring.

Staff received 4 proposals for the specified design work, as shown below:

Proposer/Bid Items	Zak Consulting	Strang	Hennemann Engineering	TLC Engineering
Base Bid A	\$30,750	\$38,836	\$80,220	\$8,500
Base Bid B	\$26,750	\$34,644	\$69,230	\$21,750
Additive 1 - Ceiling	\$58,500	\$19,462	\$35,600	\$1,050
Additive 2 - Lighting	\$7,500	\$10,492	\$12,400	\$2,700
Additive 3 - Windows	\$4,500	\$19,891	\$22,800	\$1,800
Additive 4 - Flooring	\$29,700	\$9,978	\$9,900	\$2,400
TOTALS	\$157,700	\$133,303	\$230,150	\$38,200

TLC Consulting (low bid) did not attend the pre-proposal meeting and their proposal did not include the required design elements or any mention of asbestos. The list of information to be furnished by the client (City) included much of what staff expected the design consultant to design. Staff considers their proposal to be out of scope.

The proposal from Zak Consulting also did not meet the requirements of the RFP as it did not include any required asbestos removal in the contract documents. Instead, Zak would require

asbestos removal to be completed by the City in advance of the project.

Both Strang and Hennemann Engineering's proposals met the requirements of the RFP and of the two proposers, Strang is the lower bidder. John Kolodzinski, a Mequon resident, is the mechanical engineering director and senior mechanical engineer for Strang. As an HVAC specialist some of his projects include: Ozaukee County Administration Building, Waukesha County Expo Center, Newcastle Place Senior Living Facility, Ad-Tech Medical, and Dodge County Public Health. Mr. Kolodzinski's specialty is converting old and outdated HVAC systems into current HVAC systems with digital controls, which is exactly what is required for the scope of this project.

The RFP, proposals submitted, and a staff generated technical memo can be viewed here: <https://www.ci.mequon.wi.us/publicworks/page/engineeringdesign-services-replacement-25t-roof-top-unit-1>

Fiscal Impact

The proposal costs presented above are only design costs. The construction costs associated with the design will not be known until the design work is completed. Construction cost estimates are required to be included in the design contract.

Replacement cost estimates derived from the 2018 EMG Facilities Condition Assessment are shown below:

Design:	\$6,500
Base Bid A HVAC Units:	\$110,428
Additive 2 - Lighting:	\$24,187
Additive 3 - Windows:	\$14,021
Additive 4 - Flooring:	\$27,840

Replacement cost estimate from the City's HVAC preventative maintenance contractor:
Base Bid A HVAC Units: \$200,000

Replacement cost based on staff estimate:
Additive 1 - Ceiling: \$120,000

Recommendation

Building Division Staff has generated a technical memo detailing the various base bids and additive bids including a list of pros & cons of each (included in link above). While all of the work identified in the RFP and included in the technical memo will eventually need to be done, the HVAC replacement (both design and construction) is absolutely critical at this time.

The total award amount for Base Bid A and the Additive Bids 1-4 as recommended by staff, and based on the original proposal from Strang is \$98,659. In the original proposal submittals, the proposers had to assume the City may pick and choose which additive items to award, so the proposal costs for each additive bid had to be determined on an individual basis. In negotiation with Strang since the proposal was submitted, some economies of scale can be realized if Base

Bid A and all of the additive bids are awarded in one contract.

The negotiated total cost of awarding Base Bid A and all four additive bids to Strang is \$88,480. Recently the Common Council has included a standard contingency for contract award, therefore staff is recommending award at \$90,000.

Staff recommends the award of a design contract that includes Base Bid A and all four Additive Bids to Strang of Waukesha, Wisconsin for a total cost of \$90,000. The completed design for each item will include an engineer's construction estimate, so when the design is complete, the City can decide what additive items to include when soliciting a construction contract.

A recommendation is forthcoming from the Public Works Committee on February 13, 2024.

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 4100

A Resolution Awarding a Design Contract for Replacement of Various HVAC Units and Other Upgrades to the Council Chambers at City Hall to Strang, Waukesha, Wisconsin, in the Amount of \$90,000

RECITALS

A. In 2023, the HVAC air conditioning condensing units outside the original City Hall building failed.

B. As a result of the condensing unit failure, a 6T and a 15T air handling unit also sustained major coil damage.

C. The Department of Public Works' Buildings Division has solicited proposals for the design of replacement of the condensing units and the air handler components at City Hall with two alternative base bids. The recommended Base Bid is as follows:

Base Bid A – Design of replacement of the condensing units and the air handler units in their current configuration and location with updated controls.

D. In addition to the HVAC design, staff included design for several other City Hall Council Chambers repairs/replacements that are or will be required in the near future as possible additions to the design contract, including:

Additive 1 - Replacement of Popcorn Ceiling
Additive 2 - Lighting and Electrical Upgrades
Additive 3 - Window Replacement
Additive 4 - Flooring Replacement

E. The quotes and/or proposals were reviewed by staff for compliance with requirements specified.

F. Adequate funds are available for the recommended design contract in the City-Wide Building Repairs account (410796 730015 12015) with a current balance of \$216,295.69.

G. The Committee on Public Works, at its meeting on February 13, 2024, approved the design contract to be forwarded to the Common Council.

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

1. The HVAC design contract is awarded to Strang, Waukesha, Wisconsin, in an amount of \$90,000 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: February 13, 2024

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on February 13, 2024.

Caroline Fochs, City Clerk



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Office of Public Works

TO: Public Works Committee
FROM: Tim Weyker, Deputy Director of Public Works
DATE: February 5, 2024
SUBJECT: RESOLUTION 4101 A Resolution Approving the Purchase of Two Stertil-Koni Mobile Column Lifts from Midwest Equipment Specialists, Inc., of McFarland, Wisconsin in the Amount of \$30,994

Background

The Department of Public Works 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 new units:

- Two new Stertil-Koni Model ST-1085-1FWA wireless battery-powered mobile lifts at 37,000 lbs. capacity, 24V DC, ebright control box on every column with synthetic fixed front wheels and adjustable forks

Analysis

The DPW Fleet Division currently utilizes four Stertil-Koni model ST-1085-1FWA lifts to perform maintenance and repair on all of the City's single rear axle trucks. The purchase of two more of these lifts allows for the safe maintenance and repair of larger tandem rear axle trucks. While the current four lifts technically have the capacity to lift these larger trucks, the operation & service manual warns of the dangerous horizontal displacement of the column lift on the rear axle if the wheels of only one rear axle are lifted. The Stertil-Koni company's national account participants require that all axles have columns under them.

Fleet Superintendent Zeller obtained a quote (attached) from the local distributor for Stertil-Koni equipment, Midwest Equipment Specialists, Inc. of McFarland. The quote utilizes Sourcewell Cooperative Purchasing Contract # 013020-SKI, which results in a \$12,000 discount. Since all lifts used in this manner are linked together using a wireless controller, the new lifts need to be the same model as the current lifts in the Fleet Division (purchased in 2017).

Fiscal Impact

Currently there are six DPW trucks, four Southern Ozaukee Fire Department (SOFD) trucks, and one sewer utility truck that would require the use of all six lifts for maintenance & repair. SOFD and the Sewer Utility have agreed to cost share by that same cost per truck proportion for the

purchase of these new lifts as shown below:

DPW - \$16,909.09
SOFD - \$11,272.73
Sewer Utility - \$2,818.18

There are adequate funds available in the Department of Public Works Equipment Replacement Account #410787-725012-10359 and the Sewer Utility Account #610669-740005 for this purchase. The SOFD portion will be invoiced for reimbursement after the purchase is completed.

Recommendation

A recommendation is forthcoming from the Public Works Committee on February 13, 2024.

Attachments:

Quote #156v3 City of Mequon ST1085-1FWA_Mequon_WI (1) (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 4101

A Resolution Approving the Purchase of Two Stertil-Koni Mobile Column Lifts from Midwest Equipment Specialists, Inc., of McFarland, Wisconsin in the Amount of \$30,994

RECITALS

A. The City of Mequon Department of Public Works' 2024 Equipment Replacement Program includes the purchase of a set of two Stertil-Koni model ST-1085-1FWA wireless battery-powered mobile lifts.

B. The Department of Public Works' Fleet Division solicited a sole source quote through the manufacturer's local distributor, Midwest Equipment Specialists, Inc., utilizing Sourcewell Cooperative Purchasing Contract # 013020-SKI.

C. Adequate funds are available for the purchase in the Department of Public Works equipment replacement fund, Account # 410787-725012-10359 (\$16,909.09) and Sewer Utility Account #610669-740005 (\$2,818.18).

D. The Southern Ozaukee Fire Department committed \$11,272.73 for its prorated share of the equipment.

E. The Committee on Public Works, at its meeting on February 13, 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 of a set of two new Stertil-Koni model ST-1085-1FWA wireless battery-powered mobile lifts is approved and awarded to Stertil-Koni USA, Inc., Stevensville, Maryland through Midwest Equipment Specialists, Inc., McFarland, Wisconsin for \$30,994, subject to any clerical, technical and/or legal changes deemed necessary and appropriate by the City Attorney.

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

Approved by: Andrew Nerbun, Mayor

Date Approved: February 13, 2024

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on February 13, 2024.

Caroline Fochs, City Clerk



Quote

Stertil-Koni USA, Inc.
 200 Log Canoe Circle
 Stevensville, MD 21666
 T: 410.643.9001
 F: 410.643.8901

Quote # 156
 Date 01/26/2024
 Expires 02/25/2024
 RSM Jeff Sampson

Billing Address
 City of Mequon
 Todd Zeller
 10800 N Industrial Dr
 Mequon, WI
 53092
 tzeller@ci.mequon.wi.us
 (414) 333-9230

Shipping Address
 City of Mequon
 Todd Zeller
 10800 N Industrial Dr
 Mequon, WI
 53092
 tzeller@ci.mequon.wi.us
 (414) 333-9230

Sourcewell Contract #: 013020-SKI

Item	Qty	Price	Discount	Total
ST-1085-1FWA	1.00	\$41,399.00	29.00%	\$29,393.29

Set of 2 Wireless Battery-Powered Mobile Lifts at 37,000 lbs. capacity, 24V DC, ebright control box on every column with synthetic fixed front wheels and adjustable forks

Comments
 Sourcewell Member ID# 2323

Subtotal: \$41,399.00
 Discount: (\$12,005.71)
 Tax: \$0.00
 Shipping: \$1,600.00
Total \$30,993.29

Subcontract:

Local Distributor:

Midwest Equipment Specialists, Inc.
 Rick Nordness

Attachment: Quote #156v3 City of Mequon ST1085-1FWA_Mequon_WI (1) (RESOLUTION 4101 : 2024 Equipment Replacement - Purchase of a

rick@midwest-equipment.com
(608) 838-8151

Terms and Conditions

1. Purchase Orders MUST be issued to Steril- Koni USA, Inc., not the Local Distributor. Please submit Purchase Orders to orders@steril-koni.com.
2. P.O.s must be issued on a company letterhead and must contain contact information, billing address, shipping address, phone number, and email. P.O. must also contain direct reference to parts, pricing, and quantity provided on the quote or direct reference to quote number.
3. Product availability and proposed delivery date provided ARO.
4. Customer is responsible for paying sales tax, if any, when applicable.



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 Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Engineering

TO: Public Works Committee
FROM: Cole McCraw, Assistant City Engineer
DATE: February 13, 2023
SUBJECT: RESOLUTION 4102 A Resolution Authorizing Supplemental Inspection Services in Excess of \$25,000 During the 2024 Construction Season with the Following Engineering Firms: GRAEF, Kapur & Associates, M-Squared, North Shore Engineering, raSmith and Ruekert-Mielke, Inc.

Background

Several developments are planning for public infrastructure work in the 2024 construction season. There are potential overlapping construction timelines that may require inspection and review services beyond the availability of City staff. Potential projects slated for 2024 construction include: Swan Ridge Farms, Highland Meadows, and another phase of the Enclave at Mequon Preserve. City staff will also need to accommodate inspections for City projects. Staff capacity will be limited if multiple projects are underway. The specific construction schedules have not been determined for any of the proposed development projects.

Analysis

City staff requested six firms provide construction service rates for the 2024 construction season: GRAEF, Kapur & Associates, M-Squared, North Shore Engineering, raSmith and Ruekert-Mielke, Inc. All six firms have provided services to the City of Mequon in the past and are qualified to perform inspection services. The construction service rates were used to compare the cost of inspection services between each of the six firms.

As developments request inspection or plan review services, City staff will contact the firms on a case-by-case basis for inspections if the services cannot be provided by City staff. The consultant with the lowest rates will be contacted first when services are needed. If the lowest-rate consultant cannot perform the services, the consultant with the next lowest rates will be contacted until one can perform the services.

Fiscal Impact

The development inspection and review services are a pass-through cost to developers, so there is no fiscal impact to the City of Mequon. With the potential that the contracts may total more than \$25,000, staff is seeking Common Council approval.

Recommendation

A recommendation is forthcoming from the Public Works Committee on February 13, 2024.

Attachments:
 2024 Inspection Rates (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 4102

A Resolution Authorizing Supplemental Inspection Services in Excess of \$25,000 During the 2024 Construction Season with the Following Engineering Firms: GRAEF, Kapur & Associates, M-Squared, North Shore Engineering, raSmith and Ruekert-Mielke, Inc.

RECITALS

A. Private developments in the City of Mequon are required to have construction inspections related to public infrastructure and erosion control and obtain civil and stormwater management plan approval from the City of Mequon Engineering Division.

B. There are potential overlapping construction timelines that may require inspection services beyond the availability of City staff.

C. The City of Mequon Engineering Division received construction service rates from six qualified firms.

D. Staff has reviewed the construction service rates and found all firms to be qualified to perform the inspection services.

E. The total expenditure for individual consultants may exceed \$25,000, requiring Common Council approval.

F. The fees for the inspections and reviews are billed to the developer.

G. The consultant with the lowest rates will be contacted first when services are needed. If the lowest-rate consultant cannot perform the services, the consultant with the next lowest rates will be contacted until one can perform the services. When appropriate, consistent consultants will be utilized across multiple phases of the same project.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin that the attached rates, as recommended by the Public Works Committee, be accepted and that the proper City officials be authorized to sign the appropriate contract documents with GRAEF, Kapur & Associates, M-Squared, North Shore Engineering, raSmith and Ruekert-Mielke, Inc. after review and approval by the City Attorney.

Approved by: Andrew Nerbun, Mayor

Date Approved: February 13, 2024

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on February 13, 2024.

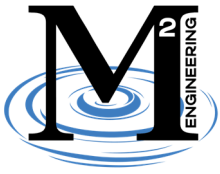
Caroline Fochs, City Clerk

	Graef - 2024
Title	Hourly rate
Construction Supervisor	\$160.00
Tech III	\$122.00
Tech II	\$105.00
Tech I	\$80.00
Survey Crew (two-person)	\$220.00
Survey Crew (one-person)	\$155.00
CADD Tech IV	\$120.00

2024 MUNICIPAL RATE SCHEDULE

Title	Description	Rate
Principle	Company Supervisor	\$215
Project Manager	Oversees project and personnel	\$185
Project Engineer III	PE and 12 years of experience or equivalent, meetings, project coordination, plan reviews	\$165
Project Engineer II	PE and 8 years of experience or equivalent, meetings, project coordination, plan reviews	\$135
Project Engineer I	PE and 4 years of experience, general engineering	\$120
Staff Engineer II	Engineer, 6 years of experience, general engineering	\$125
Staff Engineer I	Engineer, general engineering	\$110
Tech III	12 years of experience in drafting, GIS or construction inspection	\$125
Tech II	8 years of experience in drafting, GIS or construction inspection	\$110
Tech I	Drafting, GIS or construction inspection	\$90
Project Surveyor	PS & 8 years of experience or equivalent, survey start-up, research, crew scheduling, platting	\$160
Survey Crew	Field surveyor	\$150
Environmental Scientist II	8 years of experience, Erosion control, plan review, Phase I, Phase II	\$130
Environmental Scientist I	Erosion control, plan review, Phase I, Phase II	\$103
Landscape Architect	Design and plan reviews	\$135
Administrative Assistant	Office tasks	\$82

Attachment: 2024 Inspection Rates (RESOLUTION 4102 : 2024 Consulting Engineering Services for Developments Contracts)



CITY OF MEQUON
2024 Construction Projects



PROJECT RATES

2024 Field Staff Hourly Rates			
Entry Level Construction Inspector	\$70	-	\$85
Intermediate Level Construction Inspector	\$85	-	\$100
Journeyman Construction Inspector	\$95	-	\$115
Advanced Level Construction Inspector	\$110	-	\$125
Senior Advanced Construction Inspector	\$120	-	\$150
Department Manager/Team Leader	\$170	-	\$210

Team Rates for this Project.

Summer Intern	\$70
Alex Hahm	\$80
Brendan Weber	\$95
Eric Hackert	\$100
Suraj Kumar	\$110
Eric Greenfield, P.E.	\$113
Randy Carlson	\$115
Robert Dreblow, P.E. (ret.)	\$125
John Laning, P.E.	\$170
Mileage: Current IRS Rate for 2024	\$0.670/Mile



Bob Beilfuss

From: Jim Hensel <jhensel@northshoreengineering.net>
Sent: Tuesday, December 19, 2023 10:02 AM
To: Bob Beilfuss
Cc: Jim Schneider
Subject: Inspection rate

Morning Bob,

Thanks for the opportunity to provide a rate for construction inspection. The rate for our inspector is \$90.00 per hour.

Let me know what you think and if you need anything else.

James Hensel, P.L.S., P.E.
North Shore Engineering, Inc.
11433 N. Port Washington Rd.
Mequon, WI 53092

262-241-9400 ph.
262-241-5337 fax
jhensel@northshoreengineering.net

Attachment: 2024 Inspection Rates (RESOLUTION 4102 : 2024 Consulting Engineering Services for Developments Contracts)



R.A. Smith, Inc.
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000 | rasmith.com

December 13, 2023

Mr. Bob Beilfuss, PLS
Engineering Field Coordinator
City of Mequon
11333 N. Cedarburg Rd.
Mequon, WI 53092

Re: Proposal for 2024 Construction Services

Dear Mr. Beilfuss:

Thank you for allowing raSmith to provide you with a proposal for 2024 construction services. We strive to develop a long-term, mutually beneficial relationship with our clients and are committed to understanding your challenges and developing solutions that meet your needs. We look forward to working with the City of Mequon.

Scope of Services

raSmith will provide construction services associated with construction-related activities. A construction inspector and manager will be available as needed for project needs. We will compile punch lists, perform record drawings and/or as-builts as directed by the City.

GPS data collection will be employed to locate sanitary sewer, water, and storm sewer systems at the direction of the City.

Our activities will be documented on a daily basis in electronic reports.

Completion Schedule

Work is anticipated during the 2024 construction season.

Professional Fees

The above-described services will be provided on an hourly and expense basis. Fees will be invoiced monthly as the project proceeds. For the 2024 construction season, a Resident Inspector will be available at a rate of \$104 per hour. As required, a Construction Manager is available at a rate of \$170 per hour, and a CADD Technician at a rate of \$125 per hour.

Usual and customary expenses such as mileage, postage, delivery, and applicable taxes will be invoiced at cost.

Client Responsibilities/Assumptions

- A. The terms and conditions set forth herein are valid for 365 days from the date of this proposal and are conditioned upon our completion of all services within 18 months from the date of authorization.
- B. The professional fee hourly rates are subject to change on an annual basis.
- C. No Geotechnical or Materials Testing work is included in this proposal.



Mr. Bob Beilfuss, PLS
Engineering Field Coordinator
Page 2 / December 13, 2023

If you would like to authorize raSmith to proceed with your project, please sign the attached Professional Services Agreement between Client and Professional, and forward a signed copy of the entire Agreement to our office. Once received, we will execute and return a copy for your records. We look forward to working with the City of Mequon.

Sincerely,
raSmith

A handwritten signature in black ink that reads 'Jennifer Starr'.

Jennifer Starr, CISEC
Assistant Director of Construction Services

Enclosure: Professional Services Agreement (Contract) [draft agreement excluded from packet]

I:\Proposals\2024\Mequon\EP 231212 Beilfuss 24 rates.docx

Attachment: 2024 Inspection Rates (RESOLUTION 4102 : 2024 Consulting Engineering Services for Developments Contracts)

Bob Beilfuss

From: Calhoun, Greg <GCalhoun@ruekert-mielke.com>
Sent: Friday, December 8, 2023 2:31 PM
To: Bob Beilfuss
Subject: RE: 2024 Construction Inspection Rates

Hi Bob,

Our 2024 hourly field staff rates for construction inspection are listed below. Let me know if I can provide any additional detail or assist in any way.

RUEKERT & MIELKE, INC.
2024 RATE SCHEDULE – Effective 1/1/24

<u>CONSTRUCTION REVIEW SERVICES</u>	<u>2024 Rate</u>
Construction Review Technician 1	\$ 91.00
Construction Review Technician 2	\$ 109.00
Senior Construction Review Technician	\$ 125.00
Erosion Control Specialist	\$ 125.00
Construction Review Manager	\$ 157.00

Thank you,
 Greg

Greg R. Calhoun, P.E.
Project Manager





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: Jeremy Dandy, Engineering Technician
DATE: February 13, 2024
SUBJECT: 2024 Annual Road Program

Background

The Annual Road Program addresses both road reconstruction/rehabilitation and road maintenance. This memo provides an overview of the proposed 2024 program and the current estimates.

Analysis

The City's annual road program is supported by the issuance of multiple contracts.

Reconstruction/Rehabilitation Projects - Reconstruction/Rehabilitation projects are included in the Road Improvements contract and typically include treatments such as widening, pulverize & pave, mill & pave, and asphalt overlays. These projects address roads with surface condition ratings (SCR) of 2-5.

City staff is considering the following roads for rehabilitation in 2024 (see attached map):

- Highland Road (Wauwatosa Road to OIT)
- Fiesta Lane (Grasslyn Road to Port Washington Lane)
- County Line Road (Cedarburg Rd/Hwy 57 to Railroad tracks to east)
- Essex Drive and Essex Court
- Wildwood Court
- Patches throughout the City

This list will comprise the base and additive bid items. The Road Improvements contract is funded through the Right-of-Way Asset Management capital account. The contract utilizes available funding from the 2022-2024 borrowing (Year 3 of 3).

Highland Road was approved to have paved shoulders implemented at Common Council in February of 2023 as Resolution 4017. Fiesta Lane is being repaved along with drainage improvements along the street. Both designs are currently being completed by a consultant.

County Line Road is being repaved with paved shoulders. The project is being done with the Village of Brown Deer.

In addition, staff is recommending work to be completed to repair large areas of road with patch work. Large patch repairs on Maple Ln, Grace Ave, Parkview Dr, Indian Mound Rd, Burning Bush Ln, and Concord Creek will be considered.

Maintenance Projects - Maintenance contracts include crack sealing and GSB-88 bituminous seal. These projects generally address roads with SCR ratings of 6-8. Crack sealing, however, is

performed on a variety of roads with SCR ratings ranging from 6-10. Maintenance projects are meant to prolong the pavement's useful service life. Proper balance of reconstruction/rehabilitation and maintenance is required to maintain the entire system in the most cost-effective manner. Staff intends to release the maintenance contracts for bidding in February, with award in March.

Crack sealing should be complete prior to GSB-88 bituminous seal because in some cases, both treatments are on the same road, and it is better to have the GSB-88 bituminous seal cover the entire pavement including the sealed cracks. Staff intends to release the maintenance documents for bidding the projects in February, with award in March.

In 2024 there are no proposed parking lot improvements, however improvements for parking lots such as River Barn, Katherine Kearney west lot, and the safety building are currently being reviewed for consideration at a later date.

Fiscal Impact

The remaining balance of the 2022-2024 borrowing is approximately \$1.8 million to be used for 2024, and the \$350,000 of funding from the general levy for road maintenance. If bid prices for maintenance contracts are favorable, staff may request authorization for a one-time transfer from the right-of-way asset capital account for use in the maintenance contract.

The intent is to utilize the remaining funding for 2024. Additive bidding will be utilized, when possible, to maximize yearly expenditures. Staff is preparing additive bids which can be used in any combination to maximize the funds available. Staff anticipates the target amount for 2024 road projects to be \$2,100,000 to \$2,500,000, which will be utilized based on received bid amounts.

Amounts shown for rehabilitation include the estimates for pulverize or mill, base repair, repaving, and drainage. Cost for shouldering and signs are in addition to and shown below.

It is anticipated that there will be an additional remaining expense incurred by the right-of-way asset capital account for traffic signal replacement at Buntrock Ave and Mequon Rd in the amount of \$240,000. This expense is not a re-occurring expense and it is anticipated in coming years to be less for repairs and replacement as necessary for City owned traffic signals and lighting.

Recommendation

Staff is providing the road program overview as an informational item. Award of each of the contracts will come back before the Common Council following each bidding cycle. Additive bids will be included with the Road Improvements contract, the GSB-88 contract and Crack Seal contract that can be added at the time of award if funding allows.

Attachments:

2024 Proposed Road Improvement Projects Map (PDF)

CITY OF MEQUON



2024 Proposed Road Projects

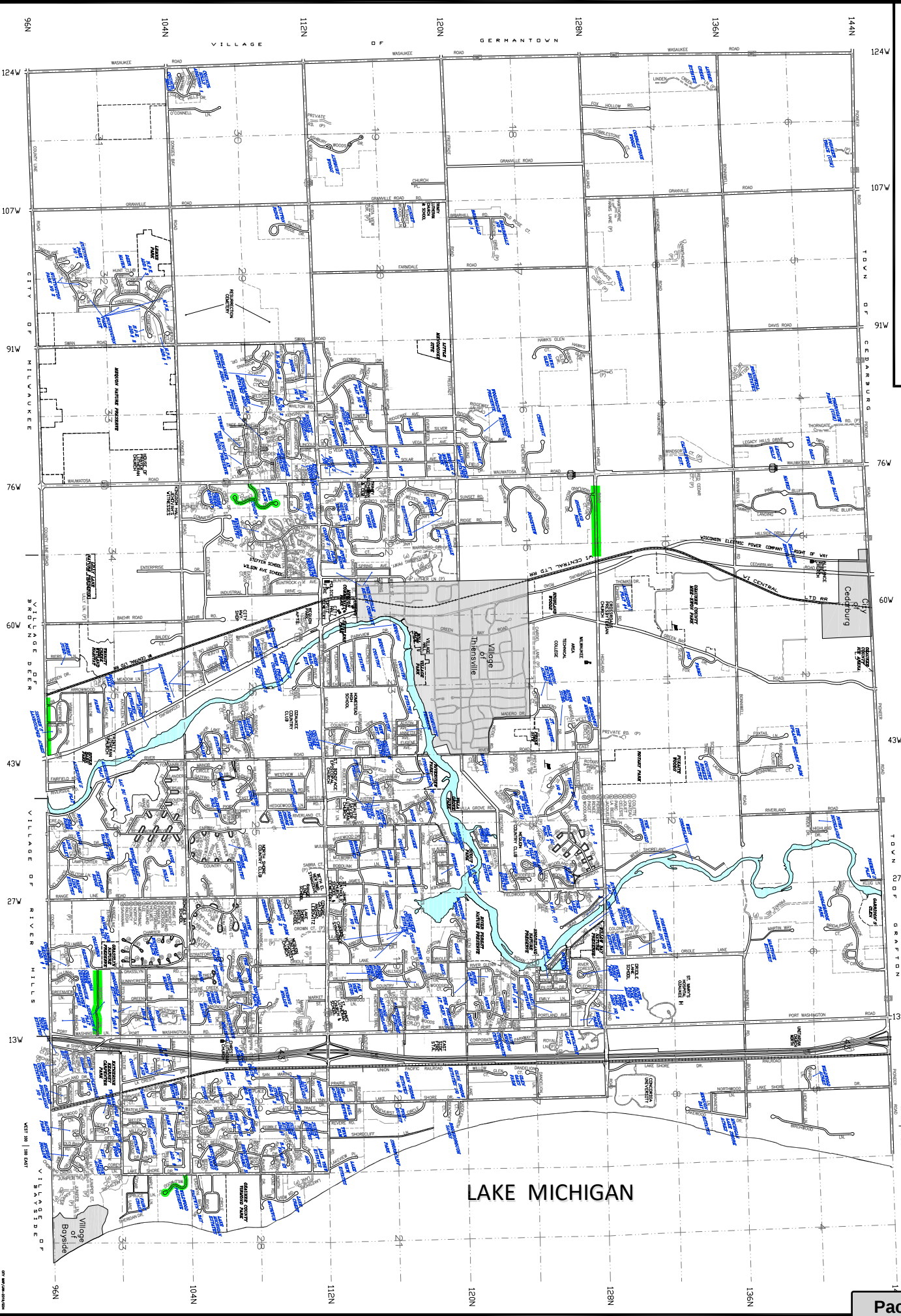
R 21 E R R D S

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0 1/8 1/4 1/2 1 Mile

WEST 100 | 100 EAST





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Office of Engineering

TO: Public Works Committee
FROM: Kristen Lundeen, Director of Public Works/City Engineer
DATE: February 13, 2024
SUBJECT: Public Works Work Plan (2.13.24)

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

Attachments:
2024 Work Plan (2.13.24) (PDF)

**Public Works Committee
2024 Work Plan (February 13, 2024)**

4.b.a

Month	Agenda Topics
February	- Resolution: Contract Award for City Hall HVAC - Resolution: Contract Award for Vendors Exceeding \$25k for Inspection Services - Resolution: Contract Award for Lift Purchase 2024 Road Program Overview
March	- MOU with Thiensville for Cost Share of Local Share portion of Bikeway Master Plan Grant <i>Tentative:</i> Road Program Contract Award
April	<i>Tentative:</i> Road Maintenance Contract Award <i>Tentative</i> Bikeway Master Plan Contract Award
May	

Future Agenda Topics

- Drainage CIP Prioritization
- Policy language for structures (i.e. Little Free Library) within the building setback
- Design of Automated Gate at the Brush Site
- Discussion regarding path/sidewalk on Range Line Road south of Mequon Road – incorporated into RFP by the Bikeway Commission
- State/Municipal Maintenance Agreement (SMMA) for various WisDOT projects

2024 Completed Items:

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Attachment: 2024 Work Plan (2.13.24) (9125 : Public Works Work Plan (2.13.24))