



City of Appleton

100 North Appleton Street
Appleton, WI 54911-4799
www.appleton.org

Meeting Agenda - Final Utilities Committee

Tuesday, December 10, 2024

4:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

2. Pledge of Allegiance

3. Roll call of membership

4. Approval of minutes from previous meeting

[24-1529](#) Approval of the November 12, 2024 Utilities Committee Meeting Minutes.

Attachments: [November 12, 2024 Utilities Committee Meeting Minutes.pdf](#)

5. **Public Hearing/Appearances**

6. **Action Items**

[24-1531](#) Award Organic Recycling Contractor Services to Hsu Growing Supply for an extended one (1) year term ending December 31, 2025.

Attachments: [241202_UCMHSU_contract_extension_2025.pdf](#)

[24-1532](#) Award 2025A Stormwater Management Plan review contract to Brown and Caldwell in an amount not to exceed \$80,000.

Attachments: [2025A BC Plan Review Award Util Memo 12-10-2024.pdf](#)

[24-1533](#) Award 2025B Stormwater Management Plan review contract to raSmith in an amount not to exceed \$30,000.

Attachments: [2025B raSmith Plan Review Award Util Memo 12-10-2024_r1.pdf](#)

[24-1534](#) Award N-24 Spot Repairs, Protruding Taps & Mineral Deposit Removal to New Restoration and Recovery Services, LLC dba Aqualis, in an amount not to exceed \$129,512.50

Attachments: [N-24 Contract Award Form w Bid Tabs.pdf](#)

[24-1535](#) Amend K-24 Native Vegetation Contract (K-24) with Robert E. Lee & Associates, Inc. dba NES Ecological Services by an increase of \$15,000, from \$192,345.12 to a new amount not to exceed \$207,345.12.

Attachments: [K-24 NES Contract Amend Util Memo 12-10-2024.pdf](#)

[24-1536](#) Approve Contract Amendment #2 to McMahon as part of the Wastewater Treatment Plant Grit Removal, Blended Sludge Piping and Heat Exchanger Replacement Project for additional design and construction management services in the amount of \$18,900.

Attachments: [241120 Utilities Memo HEX Project Contract Amendment2.pdf](#)

[24-1580](#) Approval of an Engineering Services Contract for the North and Ridgeway Tower Coating Projects to ##### in the amount of \$##### plus a % contingency of \$##### for a total cost of \$#####.

Attachments: [2025 North-Ridgeway Tower Coating Services Contact Award Memo.pdf](#)

7. Information Items

[24-1543](#) 2025 Joint Chemical Consortium Quotation Awards

Attachments: [2025_Chemical Consortium Memorandum.pdf](#)

8. Adjournment

Notice is hereby given that a quorum of the Common Council may be present during this meeting, although no Council action will be taken.

Reasonable Accommodations for Persons with Disabilities will be made upon Request and if Feasible.

For questions on the agenda, contact Chris Stempa at 920-832-5945 or Laura Jungwirth at 920-832-6474.



City of Appleton

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Meeting Minutes - Final Utilities Committee

Tuesday, November 12, 2024

4:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

Chairperson Meltzer called the Utilities Committee Meeting to order at 4:30 p.m.

2. Pledge of Allegiance

3. Roll call of membership

Present: 3 - Meltzer, Doran and Heffernan

Excused: 2 - Firkus and Hayden

4. Approval of minutes from previous meeting

[24-1442](#)

Approval of the October 22, 2024 Utilities Committee Meeting Minutes.

Attachments: [October 22, 2024 Utilities Committee Meeting Minutes.pdf](#)

Doran moved, seconded by Heffernan, that the October 22, 2024 Utilities Committee Meeting Minutes be approved. Roll Call. Motion carried by the following vote:

Aye: 3 - Meltzer, Doran and Heffernan

Excused: 2 - Firkus and Hayden

5. **Public Hearing/Appearances**

Speaking on behalf of Action Item 24-1444

*Resident 2701 N. Viola Street
Resident 2613 N. Viola Street
Resident 2700 N. Viola Street
Resident 2519 N. Viola Street
Resident 2607 N. Viola Street
Resident 2600 N. Viola Street
Business Owner 1800 E. Northland Avenue
Resident 2708 N. Viola Street
Alderson Croatt, District 14*

6. **Action Items**

[24-1443](#)

Approve single-source award of 2024C Contract for Stormwater Quality Modeling to Brown and Caldwell in an amount not to exceed \$53,620.00.

Attachments: [2024C Water Quality Modeling Award Memo BC 11-12-2024 Util Cmte wss.pdf](#)

Doran moved, seconded by Heffernan, that the Single-Source Award of 2024C Stormwater Quality Modeling to Brown and Caldwell in an amount not to exceed \$53,620.00 be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 3 - Meltzer, Doran and Heffernan

Excused: 2 - Firkus and Hayden

[24-1444](#)

Approve single-source award of 2024D Contract for Northland Creek and Bellaire Watersheds Stormwater Evaluation to Brown and Caldwell in an amount not to exceed \$301,200.00.

Attachments: [2024D Northland Creek Bellaire Drain Study Contract Award Memo BC 11-12-2024 Util Cmte wss.pdf](#)
[11-12-2024 Utilities Minutes Attachment.pdf](#)

Doran moved, seconded by Heffernan, that the Single-Source award of 2024D Contract for Northland Creek and Bellaire Watersheds Stormwater Evaluation to Brown and Caldwell in an amount not to exceed \$301,200 be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 3 - Meltzer, Doran and Heffernan

Excused: 2 - Firkus and Hayden

[24-1445](#)

Approve Contract Amendment #3 for 2024A Stormwater Management Plan Review Contract with Brown and Caldwell by an increase of \$115,000.00 for a total contract amount not to exceed \$228,000.00.

Attachments: [2024A Stormwater Plan Review Amendment 3 UC Memo 11-12-2024 final.pdf](#)

Doran moved, seconded by Heffernan, that the Contract Amendment #3 for 2024A Stormwater Management Plan Review Contract with Brown and Caldwell by an increase of \$115,000 for a total contract amount not to exceed \$228,000 be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 3 - Meltzer, Doran and Heffernan

Excused: 2 - Firkus and Hayden

7. Information Items

8. Adjournment

Doran moved, seconded by Heffernan, that the Utilities Committee Meeting be adjourned at 5:10 p.m.. Roll Call. Motion carried by the following vote:

Aye: 3 - Meltzer, Doran and Heffernan

Excused: 2 - Firkus and Hayden



“...meeting community needs...enhancing quality of life.”

Department of Utilities
 Wastewater Treatment Plant
 2006 E Newberry Street
 Appleton, WI 54915
 920-832-5945 tel.
 920-832-5949 fax

TO: Chairperson Vered Meltzer and Members of the Utilities Committee

FROM: Environmental Programs Coordinator Brian Kreski

DATE: December 2, 2024

RE: *Award Organic Recycling Contractor Services to Hsu Growing Supply for an extended one (1) year term ending December 31, 2025.*

BACKGROUND:

The Appleton Wastewater Treatment Plant (AWWTP) has been operating a biosolids compost facility since the fall of 2010. Since its inception, the AWWTP has successfully contracted Hsu Growing Supply (Hsu) for compost processing services. The year-end of 2024 will mark the conclusion of the fifth consecutive contract term with Hsu.

The last request for quotes (RFQ) for Organic Recycling Contractor Services was completed on March 1, 2017. At that time, Hsu was the only responsive firm out of six that submitted proposals. The non-responsive firms cited various reasons, including an inability to meet necessary qualifications, lack of competitiveness regarding process frequency and equipment mobilization distance, and that the requested services fell outside their corporate business model.

In recognition of the unique nature of the requested services and the limited pool of capable firms, the 2022-2024 contract with Hsu includes language that allows for an extension by mutual agreement from both parties. The Hsu extension quote tabulation is summarized in Table 1. The budget for the Compost Program and the contract award amount, which spans four years, is based on the annual processing of three "batches" of material. This totals 16,000 cubic yards, with each batch comprising 5,333 cubic yards.

Table 1: Organic Recycling Contractor Services Quote for 2025

Company	Required Quote (per unit / per batch)			Alternate Quotes	
	Compost Processing			Stockpiling	Screening
	2,500 YD	5,000 YD	10,000 YD	3,500 YD	1,000 YD
Hsu Growing Supply	\$8.00	\$5.50	\$4.50	\$3.45	-
	per/YD	per/YD	per/YD	per/YD	
	\$20,000	\$27,500	\$45,000	\$12,075	-

Note: Fuel surcharges would apply.

RECOMMENDATION:

I recommend a contract extension for organic recycling services for one additional year be awarded to Hsu for the term ending December 31, 2025. If you have any questions regarding this project, please contact Brian Kreski at 920-832-2316.



DEPARTMENT OF
**PUBLIC
WORKS**

MEMORANDUM

Date: December 10, 2025
To: Utilities Committee
From: Laura Jungwirth, Director of Public Works
Pete Neuberger, Deputy Director of Public Works/City Engineer
Subject: Award 2025A Stormwater Management Plan review contract to Brown and Caldwell in an amount not to exceed \$80,000.

The Department of Public Works (DPW) requests awarding the 2025A Stormwater Management Plan Review contract to Brown and Caldwell (BC) in an amount not to exceed \$80,000. In 2023, a Request for Proposals was issued for stormwater management plan review. Two proposals from qualified consultants were received and each consultant was awarded a portion of the work. DPW is proposing the same approach for 2025.

Work under this contract includes working with City staff, developers and their consultants, and other regulatory agencies to review stormwater management plans and erosion control plans and develop these plans for City projects.

The number of plans submitted or needed during the year is unknown. This contract is billed on an hourly basis as projects occur. A contract amendment will be brought to the Utilities Committee if more projects are submitted than estimated for the available funds. The 2025A contract award is requested for a larger amount than 2025B due to the large Thrivent project, on which BC has been working in 2024, and on which they will continue working throughout 2025.

BC has performed exceptionally in 2024, providing technical expertise, timely review of projects and communication with both City staff and developers.

The 2023 Request for Proposals stated: *“With satisfactory performance by the selected consultant(s) and consistent staffing, the selected consultant(s) may be contracted for this same work in 2025-2028 (five year maximum) without an RFP process.”* Therefore, if approved, and with satisfactory performance by the consultants, DPW staff anticipate negotiating contracts without an RFP process with BC and/or raSmith for 2025-2028 Stormwater Management Plan Reviews, subject to Utilities Committee and Common Council approval at the appropriate times.



DEPARTMENT OF
**PUBLIC
WORKS**

MEMORANDUM

Date: December 10, 2025
To: Utilities Committee
From: Laura Jungwirth, Director of Public Works
Pete Neuberger, Deputy Director of Public Works/City Engineer
Subject: Award 2025B Stormwater Management Plan review contract to raSmith in an amount not to exceed \$30,000.

The Department of Public Works (DPW) requests awarding the 2025B Stormwater Management Plan Review contract to raSmith in an amount not to exceed \$30,000. In 2023, a Request for Proposals was issued for stormwater management plan review. Two proposals from qualified consultants were received and each consultant was awarded a portion of the work. DPW is proposing the same approach for 2025.

Work under this contract includes working with City staff, developers and their consultants, and other regulatory agencies to review stormwater management plans and erosion control plans and develop these plans for City projects. In 2025 raSmith will also assist City staff with updating skills for the stormwater review software approved in the 2025 adopted budget.

The number of plans submitted or needed during the year is unknown. This contract is billed on an hourly basis as projects occur. A contract amendment will be brought to the Utilities Committee if more projects are submitted than estimated for the available funds.

raSmith performed well in 2024, developing stormwater and erosion control plans for expansion of the Municipal Services Building into 3001 Glendale Avenue, as well as providing technical expertise, timely response to projects submitted for review and communication with both City staff and developer's engineers.

The 2023 Request for Proposals stated: *"With satisfactory performance by the selected consultant(s) and consistent staffing, the selected consultant(s) may be contracted for this same work in 2025-2028 (five year maximum) without an RFP process."* Therefore, if approved, and with satisfactory performance by the consultants, DPW staff anticipate negotiating contracts without an RFP process with raSmith and/or Brown and Caldwell for 2025-2028 Stormwater Management Plan Reviews, subject to Utilities Committee and Common Council approval at the appropriate times.

CITY OF APPLETON
Department of Public Works
MEMORANDUM

TO: Finance Committee
 Municipal Services Committee
 Utilities Committee

cc: City Clerk
Contract File

SUBJECT: Anticipated Award and/or Award of Contract

ANTICIPATED AWARD

The Department of Public Works is planning to award _____

Committee Date: _____

Council Date: _____

***** AND / OR *****

AWARD OF CONTRACT

The Department of Public Works recommends that _____ Unit N-24, Spot Repairs, Protruding Tap & Mineral Deposit Removal

Be awarded to: Name: New Restoration and Recovery Services, LLC dba Aqualis
Address: 2094 County Rd. QQ
Green Bay, WI 54311

In the amount of _____ with a contingency of _____ \$0.00

** OR ** in the amount Not To Exceed _____ \$129,512.50

Budget: \$129,512.50

Estimate: \$150,000.00

Committee Date: 12/10/24

Council Date: 12/18/24

N-24 Sewer spot repairs, protruding tap and mineral deposit removal (#9404096)

Owner: Appleton WI, City of

Solicitor: Appleton WI, City of

11/25/2024 01:45 PM CST

Section Title	Line Item	Item Code	Item Description	UofM	Engineer Estimate		AQUALIS		Speedy Clean Drain & Sewer		Musson Bros. Inc.	
					Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price
N-24 BASE BID							\$0.00	\$172,575.55			\$175,475.00	\$318,900.00
	1	1	Brewster St	each	1		\$3,260.00	\$3,260.00	\$3,925.00	\$3,925.00	\$8,000.00	\$8,000.00
	2	2	Drew St	each	1		\$2,987.50	\$2,987.50	\$6,690.00	\$6,690.00	\$8,300.00	\$8,300.00
	3	3	Durkee St	each	1		\$7,820.40	\$7,820.40	\$13,200.00	\$13,200.00	\$17,500.00	\$17,500.00
	4	4	Alton St	each	1		\$4,935.00	\$4,935.00	\$4,470.00	\$4,470.00	\$9,500.00	\$9,500.00
	5	5	Kamps Av	each	1		\$3,512.25	\$3,512.25	\$2,640.00	\$2,640.00	\$6,000.00	\$6,000.00
	6	6	Ravina Pl	each	1		\$4,935.00	\$4,935.00	\$5,215.00	\$5,215.00	\$13,000.00	\$13,000.00
	7	7	Viola St	each	1		\$3,407.25	\$3,407.25	\$4,150.00	\$4,150.00	\$6,000.00	\$6,000.00
	8	8	Superior St	each	1		\$6,342.50	\$6,342.50	\$3,880.00	\$3,880.00	\$6,000.00	\$6,000.00
	9	9	Erb St	each	1		\$6,288.75	\$6,288.75	\$4,510.00	\$4,510.00	\$9,000.00	\$9,000.00
	10	10	Walden Av	each	1		\$6,342.50	\$6,342.50	\$4,510.00	\$4,510.00	\$5,900.00	\$5,900.00
	11	11	Grant St	each	1		\$6,342.50	\$6,342.50	\$4,510.00	\$4,510.00	\$5,900.00	\$5,900.00
	12	12	Marquette St	each	1		\$7,333.50	\$7,333.50	\$5,095.00	\$5,095.00	\$11,000.00	\$11,000.00
	13	13	Oneida St	each	1		\$7,123.50	\$7,123.50	\$5,140.00	\$5,140.00	\$11,000.00	\$11,000.00
	14	14	Lincoln St	each	1		\$7,350.00	\$7,350.00	\$4,250.00	\$4,250.00	\$9,000.00	\$9,000.00
	15	15	Newberry St	each	1		\$1,015.00	\$1,015.00	\$3,880.00	\$3,880.00	\$3,500.00	\$3,500.00
	16	16	Appleton St	each	1		\$1,015.00	\$1,015.00	\$3,880.00	\$3,880.00	\$3,500.00	\$3,500.00
	17	17	Greenfield St	each	1		\$1,015.00	\$1,015.00	\$3,880.00	\$3,880.00	\$3,500.00	\$3,500.00
	18	18	Eighth St	each	1		\$1,015.00	\$1,015.00	\$3,880.00	\$3,880.00	\$3,500.00	\$3,500.00
	19	19	Wilson Av	each	1		\$1,015.00	\$1,015.00	\$3,880.00	\$3,880.00	\$3,500.00	\$3,500.00
	20	20	Robinscrest Ct	each	1		\$900.00	\$900.00	\$870.00	\$870.00	\$3,500.00	\$3,500.00
	21	21	Division St	each	1		\$1,015.00	\$1,015.00	\$2,640.00	\$2,640.00	\$6,200.00	\$6,200.00
	22	22	Erb St	each	1		\$1,849.75	\$1,849.75	\$4,880.00	\$4,880.00	\$3,500.00	\$3,500.00
	23	23	Linnwood Av	each	1		\$2,059.75	\$2,059.75	\$4,680.00	\$4,680.00	\$3,500.00	\$3,500.00
	24	24	Byrd St	each	1		\$1,044.75	\$1,044.75	\$810.00	\$810.00	\$2,000.00	\$2,000.00
	25	25	Lawrence St	each	1		\$1,044.75	\$1,044.75	\$810.00	\$810.00	\$4,000.00	\$4,000.00
	26	26	Summer St	each	1		\$2,275.00	\$2,275.00	\$630.00	\$630.00	\$2,200.00	\$2,200.00
	27	27	Fritz Ct	each	1		\$2,275.00	\$2,275.00	\$630.00	\$630.00	\$2,200.00	\$2,200.00
	28	28	Linnwood Av	each	1		\$2,275.00	\$2,275.00	\$630.00	\$630.00	\$2,200.00	\$2,200.00
	29	29	Linnwood Av	each	1		\$4,425.00	\$4,425.00	\$1,260.00	\$1,260.00	\$4,200.00	\$4,200.00
	30	30	Linnwood Av	each	1		\$923.50	\$923.50	\$315.00	\$315.00	\$1,300.00	\$1,300.00
	31	31	Kernan Av	each	1		\$923.50	\$923.50	\$630.00	\$630.00	\$4,800.00	\$4,800.00
	32	32	South River St	each	1		\$923.50	\$923.50	\$630.00	\$630.00	\$3,800.00	\$3,800.00
	33	33	Eisenhower Dr	each	1		\$1,180.00	\$1,180.00	\$1,260.00	\$1,260.00	\$3,300.00	\$3,300.00
	34	34	Providence Av	each	1		\$3,025.00	\$3,025.00	\$3,345.00	\$3,345.00	\$7,300.00	\$7,300.00
	35	35	Providence Av	each	1		\$5,365.00	\$5,365.00	\$8,920.00	\$8,920.00	\$6,500.00	\$6,500.00
	36	36	Providence Av	each	1		\$5,365.00	\$5,365.00	\$6,690.00	\$6,690.00	\$6,500.00	\$6,500.00
	37	37	Walden Av	each	1		\$7,406.90	\$7,406.90	\$9,675.00	\$9,675.00	\$19,500.00	\$19,500.00
	38	38	Greenleaf Dr	each	1		\$5,065.00	\$5,065.00	\$8,920.00	\$8,920.00	\$7,500.00	\$7,500.00
	39	39	Highland Av	each	1		\$3,025.00	\$3,025.00	\$3,345.00	\$3,345.00	\$5,300.00	\$5,300.00
	40	40	Bluetopaz Dr	each	1		\$7,226.00	\$7,226.00	\$1,890.00	\$1,890.00	\$6,500.00	\$6,500.00
	41	41	Newberry St	each	1		\$2,687.50	\$2,687.50	\$630.00	\$630.00	\$4,500.00	\$4,500.00
	42	42	Newberry St	each	1		\$1,180.00	\$1,180.00	\$810.00	\$810.00	\$6,300.00	\$6,300.00
	43	43	Linnwood Av	each	1		\$1,327.50	\$1,327.50	\$1,620.00	\$1,620.00	\$6,000.00	\$6,000.00
	44	44	Linnwood Av	each	1		\$1,475.00	\$1,475.00	\$1,620.00	\$1,620.00	\$6,300.00	\$6,300.00
	45	45	Linnwood Av	each	1		\$1,180.00	\$1,180.00	\$1,260.00	\$1,260.00	\$8,400.00	\$8,400.00
	46	46	Pintail Pl	each	1		\$2,625.00	\$2,625.00	\$315.00	\$315.00	\$1,400.00	\$1,400.00
	47	47	Fuji Ct	each	1		\$2,687.50	\$2,687.50	\$630.00	\$630.00	\$3,200.00	\$3,200.00
	48	48	Braeburn Dr	each	1		\$3,190.00	\$3,190.00	\$4,095.00	\$4,095.00	\$6,400.00	\$6,400.00
	49	49	Joint Sealing Grout	gallons	300		\$15.50	\$4,650.00	\$0.00	\$0.00	\$25.00	\$7,500.00
	50	50	Extra Hours	each	30		\$297.50	\$8,925.00	\$315.00	\$9,450.00	\$650.00	\$19,500.00
Base Bid Total:							\$0.00	\$172,575.55			\$175,475.00	\$318,900.00



DEPARTMENT OF
**PUBLIC
WORKS**

MEMORANDUM

Date: December 10, 2024

To: Utility Committee

From: Laura Jungwirth, Director of Public Works
Pete Neuberger, Deputy Director of Public Works/City Engineer

Subject: Amend K-24 Native Vegetation Contract (K-24) with Robert E. Lee & Associates, Inc. dba NES Ecological Services by an increase of \$15,000, from \$192,345.12 to a new amount not to exceed \$207,345.12.

The Department of Public Works requests amending the K-24 Native Vegetation Contract (K-24) with Robert E. Lee & Associates, Inc. dba NES Ecological Services by an increase of \$15,000, from \$192,345.12 to a new amount not to exceed \$207,345.12. Funding for work under this contract is provided by remaining 2024 funds in the 5230 account Stormwater Capital Construction budget.

The Department of Public Works is requesting \$15,000 of additional funding for the 2024 Native Vegetation Contract to provide additional expertise, review, and support for the proposed Thrivent Development and related proposed changes to the City of Appleton owned Ballard Pond.

To keep this development project moving forward in a timely manner, staff recommends amending the 2024 Native Vegetation contract to allow for the additional services.



DEPARTMENT OF
UTILITIES

Department of Utilities
Wastewater Treatment Plant
2006 East Newberry Street
Appleton, WI 54915
p: 920-832-5945
f: 920-832-5949

www.appleton.org/government/utilities

MEMORANDUM

Date: November 20, 2024
To: Chairperson Vered Meltzer and Members of the Utilities Committee
From: Chris Stempa, Utilities Director
CC: Ryan Rice, Utilities Deputy Director
Kelli Rindt, Enterprise Fund Accounting Manager
Subject: **Action: Approve Contract Amendment #2 to McMahon as part of the Wastewater Treatment Plant Grit Removal, Blended Sludge Piping and Heat Exchanger Replacement Project for additional design and construction management services in the amount of \$18,900**

BACKGROUND:

On April 5, 2023, Common Council approved a professional engineering service contract for the Appleton Wastewater Treatment Plant (AWWTP) Grit Removal, Blended Sludge Piping, and Heat Exchanger Replacement Project to McMahon in the amount of \$85,300 with 15% contingency of \$12,795 for a project total not to exceed \$98,095.

Amendment #1, fully executed in May 2023, included costs for field measuring the Raw Sludge Pump room and provide record drawings. These drawings did not previously exist dating back to 1990's upgrade project.

McMahon was asked to provide a proposal for additional services not identified within the current contract scope following equipment failures within process operations enveloped by the current project. The scope of services outlined as Amendment #2 is outlined in the below.

PROPOSAL

The proposed scope of services provided by McMahon outlined as Amendment #2 is summarized below.

1. Provide engineering drawings for the demolition of unused sludge transfer pump and associated piping at entrance to MK Tunnel.
2. Provide engineering drawings for the digester feed pumps. Develop specifications for new digester feed pump AC motors and variable frequency drives (VFD's) at new location in MK Tunnel.
 - a. Provide one-line and electrical elementary diagrams for the new VFD's.
 - b. Coordinate control requirements and installation with Owner specified

Integrator.

- c. Specify new drive pulleys/sheaves so the new drive maintains the same maximum pump speed.
3. Specify electrical disconnects for the two (2) raw sludge blend tank recirculation pumps in MK Tunnel
4. Depict the demolition of existing pneumatic hot water blend valves and provide new electric actuated hot water blend valves for the MK Tunnel pre-heat heat exchanger and the lower-level primary digester heat exchangers.
 - a. Demolition to include demolition of pneumatic tubing to existing blend valves.
 - b. Provide elementary drawing for the new blend valves.
 - c. Coordinate control requirements and installation with Owner specified Integrator.
5. Design booster pump and pneumatic tank to boost the pressure of the seal water for the digester recirculation pump in the lower level of K Building.
 - a. Develop specifications for the pump and expansion tank.
 - b. Provide mechanical layout drawing, develop P&ID, and produce field connection diagrams for the system.
 - c. Develop one-line diagram (or other means) to source power for the new pump.
 - d. Coordinate control requirements and installation with Owner specified Integrator.

SUMMARY

The cost of additional engineering design and construction management services outlined Contract Amendment #2 totals \$18,900. This amendment would result in the decrease to contingency from \$12,795 to \$0. The \$6,100 balance would be funded by remaining CIP project funds (\$305,153) resulting in the overall contract being increased from \$87,300 to \$106,200

If you have any questions regarding Amendment #2, please contact Chris Stempa at ph: 832-5945.



DEPARTMENT OF
UTILITIES

Department of Utilities
Water Treatment Facility
2281 Manitowoc Road.
Menasha, WI 54952
p:920-997-4200

www.appleton.org/government/utilities

MEMORANDUM

Date: December 5, 2024
To: Chairperson Vered Meltzer
CC: Ryan Rice, Deputy Director of Utilities
John Pograd, Water Treatment Facility Operations Supervisor
Kelli Rindt, Enterprise Accounting Fund Manager
From: Chris Stempa, Director of Utilities
Subject: **Utilities Committee Action: Approval of an Engineering Services contract for the North and Ridgeway Tower Coating Projects to ##### in the amount of \$##### plus a #% contingency of \$##### for a total cost of \$#####**

BACKGROUND:

The Appleton Water Utility includes seven elevated storage structures (towers, standpipes, and reservoirs) within the City of Appleton distribution system. These structures are required by the Wisconsin Department of Natural Resources to be cleaned and inspected at least every five years. The interior and exterior paint coatings must be repaired or wholesale repainted as necessary to maintain structural integrity. Typically, the lifespan of a coating system is 15 years without requiring some level of maintenance. The inspections completed at the North Tower and Ridgeway Tower in 2020 revealed evidence of coating system failure. At that time, only spot repairs were made given the overall coating system condition. However, the recommendation was given to plan for a complete interior and exterior recoating project in 2025.

PROPOSAL

Invitations for professional services proposals were sent to three engineering firms. The firms were selected for their project familiarity and project team members that had a history of similar water industry project work and a history with the Appleton Water Utility elevated storage sites.

An evaluation team completed their review of proposals and scored according to the results in the table below. Of the submitted proposals, the evaluation team found that "**FIRM NAME**" had scored the highest and provided a proposal that best met the City's needs. Strand Associates had recently been the engineer on the construction of the 1.0 MG Glendale

COMPANY	QUOTE	SCORE	VALUE
Dixon Engineering			
McMAHON Associates, Inc.			
Strand Associates			

RECOMMENDATION

Approval of an Engineering contract to "FIRM NAME" for the North and Ridgeway Tower Coating Projects to ##### in the amount of \$##### plus a #% contingency of \$##### for a total cost of \$#####.

If you have any questions regarding this project, please contact Chris Stempa at ph: 832-5945.



DEPARTMENT OF
UTILITIES

www.appleton.org/government/utilities

MEMORANDUM

Date: December 5, 2024
To: Chairperson Vered Meltzer
CC: Chris Stempa, Director of Utilities
From: Kristy Veldman, Admin and Accounting Services Specialist
Subject: **Utilities Committee Information: 2025 Joint Chemical Consortium Quotation Awards**

Annually, Appleton Water Facility (AWTF), the Appleton Wastewater Treatment Plant (AWWTP) budget over \$2,804,420 to procure various treatment chemicals. The 2025 Treatment Chemical Consortium Request for Quotation (RFQ) process included the AWTF, AWWTP, the Neenah Water Utility (NWU), and the Menasha Water Utility (MWU) was completed in November. The intent of engaging in a joint consortium strategy is to solicit lower price products due to the cost advantages gained from selling a larger volume chemical. A summary of the consortium awards is found on the page 2 of this memorandum. The suppliers whose quotes were selected have been notified to provide product beginning January 1, 2025.

Quotes were solicited from 59 vendors for 14 treatment chemicals that support the Water Treatment Facility and/or Wastewater Treatment Plant. The term of the quotes is for the calendar year of 2025. The consortium process adheres to City of Appleton Purchasing Policy requirements and successfully provided competitively priced chemicals that meet the specifications and needs of each treatment facility.

If you have any questions regarding this project, please contact Chris Stempa at ph: 832-5945.

2025 Joint Chemical Consortium Quotation Awards - Appleton Wastewater Treatment			
Chemical	2025 Cost Per LB	2024 Cost Per LB @ AWTF	Difference
Aqua Ammonia	\$0.329	\$0.345	(\$0.016)
ACH (Aluminum Chlorohydrate)	\$0.545	\$0.515	\$0.030
Carbon Dioxide	\$0.089	\$0.086	\$0.003
Ferric Sulfate	\$0.173	\$0.190	(\$0.018)
Fluoride (Hydrofluorosilic Acid)	\$0.459	\$0.465	(\$0.006)
Hydrated Lime	\$0.129	\$0.121	\$0.008
Hydrochloric Acid	\$1.800	\$1.690	\$0.110
Phosphoric Acid	\$0.640	\$0.650	(\$0.010)
Potassium Permanganate	\$5.030	\$4.930	\$0.100
Powdered Activated Carbon	\$1.050	\$1.375	(\$0.325)
Sodium Hydroxide (Caustic Soda)	\$0.210	--	--
Sodium Hypochlorite	\$0.180	\$0.180	(\$0.000)

2025 Joint Chemical Consortium Quotation Awards - Appleton Water Treatment			
Chemical	2025 Cost Per LB	2024 Cost per LB @ AWWTP	Difference
Ferric Chloride	\$0.240	\$0.243	(\$0.003)
Hydrochloric Acid	\$0.500	\$0.520	(\$0.020)
Sodium Bisulfite	\$0.300	\$0.300	\$0.000
Sodium Hypochlorite	\$0.180	\$0.180	(\$0.000)