Committee Meetings Agenda

8:15 a.m. November 2, 2022

- 1. Safety Briefing
- 2. Roll Call
- 3. Open Meetings Act Notice

<u>Construction and Operations – Friend, Frost, Cavanaugh</u>

- 1. Capital Expenditures [Gina Langel SVP, Chief Operations Officer] Tab 5
- 2. Acceptance of Contracts and Payment of Final Estimates [Stephanie Henn Director, Plant Engineering] **Tab 6**
- Bids on Materials and Contracts
 [Jon Zellars VP, Procurement & Enterprise Services] Tab 7

Services & Extensions – Friend, Begley, Howard

1. Main Extensions [Masa Niiya – Vice-President, Engineering] – **Tab 8**

Personnel – Begley, Frost, Friend

- Wage and/or Salary Increases and Ratifications [Bonnie Savine – VP, Human Resources] - Tab 9
- 2022 Wage Reopener Recommendation [Bonnie Savine – VP, Human Resources] - Tab 10

Judicial & Legislative - Cook, Cavanaugh, Howard

 Proposed Settlement with Columbia Insurance Company [Mark Mendenhall – SVP, General Counsel] – Tab 11

Accounts, Expenditures, Finance & Rates - McGowan, Begley, Cook

 2023 Budget Workshop – Personnel & Capital [Mark Myers – VP, Accounting] -Tab A [INFORMATION ONLY]

Public Comment

Committee of the Whole

1. Public Comment 9:30 AM to 10:30 AM - Board of Equalization Receives Comments Regarding Special Assessments for Earl Avenue Water Main District

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(Turn over for regular Board Meeting agenda)

Regular Monthly Board Meeting Agenda

9:00 a.m.		November 2, 2022
	1. 2. 3. 4.	Pledge of Allegiance
CONSTRUCTION & OPERATIONS	5. 6. 7.	'
SERVICES & EXTENSIONS	8.	Main Extensions
PERSONNEL	9. 10.	Wage and/or Salary Increases and Ratifications 2022 Wage Reopener Recommendation
JUDICIAL & LEGISLATIVE	11.	Proposed Settlement with Columbia Insurance Company
BOARD	12.	Other Matters of District Business for Discussion (a) Recognition of Chairperson Jack Frost
	13. 14.	Public Comment
COMMITTEE OF THE WHOLE	15.	Public Comment 9:30 AM to 10:30 AM - Board of Equalization Receives Comments Regarding Special Assessments for Earl Avenue Water Main District
	16.	

Adjourn Regular Monthly Board Meeting

(Turn over for Committee Meetings agenda)

Minutes of Committee Meetings

October 5, 2022

Chairperson Jack Frost called to order the Committee meetings of the Metropolitan Utilities District Board of Directors at 8:15 a.m. at its headquarters building located at 7350 World Communications Drive.

Advance notice of the meeting was published in the print version of *The Omaha World-Herald* on Sunday, September 25, 2022, and in the online version from September 25, 2022, through October 1, 2022. Notice was also provided on the MUD website at www.mudomaha.com and other social media platforms. Agendas and pertinent Board materials to be presented at the October 5, 2022, Board Meeting were emailed to Directors on September 29, 2022 and were posted to the MUD website on September 30, 2022.

Chairperson Frost announced that the meeting was being livestreamed and a recording of the meeting would be uploaded to the MUD website after the meeting's conclusion.

Safety Briefing

Vice-President of Safety, Security & Business Continuity Shane Hunter provided a safety briefing for all individuals attending the meeting in-person regarding protocol at the headquarters building in the event of an emergency.

Roll Call

On a roll call vote, the following Directors acknowledged their presence: Jack Frost, Mike McGowan, Gwen Howard, Tim Cavanaugh, Jim Begley, Tanya Cook.

Director Dave Friend was absent. All attendees participated in-person.

Open Meetings Act Notice

Chairperson Frost announced that a copy of the Open Meetings Act was located on the wall in the back of the Board Room.

Construction and Operations - Friend, Frost, Cavanaugh

Senior Vice-President and Chief Operations Officer Gina Langel presented the proposed capital expenditures as outlined in her letter to the Committee dated September 27, 2022.

Mr. Velehradsky reviewed the proposed master planning and design phase for renovating the District's Construction Center (CC1) and building a second construction center (CC2). Approval of the capital expenditure of \$4,321,477 will allow for the District's hiring of an architectural and engineering team to conduct the planning and design services for both facilities.

The District's current Construction Center (CC1) has not undergone significant modifications or renovations since it was built in the late 1950's except for an addition in the early 1960's. Much has changed since then in terms of the District's space needs for vehicles and increased workforce, safety issues and technology. CC1 currently houses all field operation divisions including construction, gas distribution, water distribution, maintenance, fleet management and material management. From an organizational standpoint, CC2 will provide much needed capacity, redundancy and flexibility to ensure the safety and security of District resources while enhancing its service delivery options if the District is to successfully meet the challenges and demands of its business continuity objectives and future growth.

Mr. Velehradsky noted that the Board approved a Resolution at the April 2022 Board meeting to begin using a contractual arrangement called the Construction Manager at Risk ('CMAR') process as the delivery system for both projects. A capital expenditure approved at the May 2022 Board meeting enabled the District to hire Project Control, a company that assists with project management services by representing the District as 'Owner's Representative.' A thorough evaluation process in reviewing proposed qualifications of eight firms with the assistance of Project Control led to the eventual selection of Holland Basham Architects (HBA) and Davis Design. Mr. Velehradsky outlined the metrics that needed to be met by the qualifying project team.

Approval of the proposed capital expenditure will authorize the President to enter into an agreement with the design team of HBA and Davis Design to proceed with the next project phases for both facilities. Separate Board approval will be sought at a later date for one or more Construction Manager's at Risk to proceed with the construction phase of the projects. Mr. Velehradsky responded to Board Members questions regarding the timing and completion dates for various phases and the possible circumstances for considering an alternate Construction Manager at Risk after completion of CC1.

Director of Plant Engineering Stephanie Henn reviewed the Acceptance of Contracts and Payment of Final Estimates as outlined in her letter to the Committee dated September 24, 2022.

Ms. Henn reviewed Change Order No. 1 for the water main installation project in Copper Creek at 168th & Military Road by Kersten Construction as outlined in her letter dated September 9, 2022. The project was originally bid four years ago in October of 2018 but was postponed by the developer. During that time period, a cost increase of \$149,769 is necessary to cover the inflation costs for labor and materials. All costs are to be paid by the developer and the developer has approved the additional costs.

Ms. Henn provided an update and photos of the West Dodge Pump Station construction project at 153rd and West Dodge Road. She reported that much progress has been made on the project since her last report to the Board two months ago. The station is expected to pump 16 million gallons a day. The project should be substantially completed and operational by May or June of 2023.

Vice-President of Procurement and Enterprise Services Jon Zellars reviewed the bids on materials and contracts as outlined in the letter to the Committee dated September 23, 2022 from Director of Procurement Sherri Meisinger. Mr. Zellars also provided an update on the ERT ('encoder, receiver, transmitter') saturation, i.e., a radio protocol developed by Itron for automated meter reading using mobile vehicle collection as opposed to manual physical meter reading. Overall, the combined gas and water ERTS are at 93% (up 1% from last year): gas meter conversions are at 91% (up from 89% last year); and water meters conversions are at 95% (up from 94% last year). Mr. Zellars commented on the ongoing global supply chain issues that have continued to impact the District.

Services & Extensions - Friend, Begley, Howard

Vice-President of Engineering Masa Niiya reviewed the proposed main extensions as outlined in his letter to the Committee dated September 25, 2022.

Mr. Niiya presented the proposed certification of costs for the creation of a Water Main District (WMD) located in Bruhn Acres on Earl Avenue and setting the Board of Equalization meeting date. Creation of a WMD is a state statutory mechanism which, as in this case, enables a neighborhood with water quality and/or quantity issues to connect to the District's water distribution system, and it is paid through an assessment levy imposed upon all affected property owners. The Board approved the WMD creation in Bruhn Acres along Earl Avenue at its September 1, 2021 Board meeting, which authorized the installation of a water main which was completed on April 25, 2022. The agenda item currently before the Board requires approval and certification of the costs for the installation. The next step will involve the imposition of an assessment at the rate of \$123.62 per foot for all affected property owners to enable the District to recover its installation costs. All affected property owners have been notified via certified letter that the MUD Board will meet as a Board of Equalization on November 2, 2022 from 9:30 to 10:30 a.m. to receive comments regarding the rate assessment. Four Resolutions that accompanied the certification letter to the Board provide the following: that the water

main extension has been installed in the WMD; that the benefits to the listed properties and property owners are equal and uniform and the measurements are accurate; that the MUD Board will sit as a Board of Equalization on November 2, 2022 at its headquarters building to receive affected property owners' complaints or requests to correct errors; and that a legal notification will appear in the Omaha World-Herald stating that the MUD Board will serve as a Board of Equalization in receiving comments from property owners.

Personnel - Begley, Frost, Friend

Vice-President of Human Resources Bonnie Savine reviewed the wage and/or salary increases and ratifications as outlined in her letter to the Committee dated September 22, 2022.

Ms. Savine reported that the District will again hold its Benefits Fair on October 20th from 7:30 a.m. to 4 p.m. Director Cavanaugh inquired as to whether the District would consider partnering with the Red Cross to hold a blood drive onsite at the Fair. Ms. Savine promised to follow up on the suggestion, noting the District had routinely coordinated annual blood drives with OPPD when MUD was headquartered downtown.

Judicial & Legislative - Cook, Cavanaugh, Howard

Assistant General Counsel Joseph Kehm reviewed the settlement terms of a Workers' Compensation Claim for former employee Ronald Diaz in which the District has proposed a lump sum settlement payment of \$99,000 in exchange for a release by the former employee and his attorney for all claims for indemnity, medical and all other workers' compensation benefits, and a dismissal of the employee's workers' compensation lawsuit with prejudice. The proposed settlement was reached following the parties' participation in a mediation, it has been approved by the employee's attorney, and the District asserts that the settlement is fair and reasonable under the circumstances. Director Cook posed a question from a Safety or Human Resources perspective as to whether the District engages employees in any exercise or stretching program aimed at repetitive tasks for purposes of risk reduction. Mr. Kehm reported that the topic was discussed very recently and that the District tracks workplace injury data in an effort to identify trends and devise strategies to modify procedures with a goal of minimizing risk to the extent possible.

Public Comment

Chairperson Frost asked if anyone would like to address the Board.

Senior Vice-President and General Counsel Mark Mendenhall complimented the work of MUD retiree Mark Masek in assisting with the agenda item presented earlier in the Board Meeting regarding the creation of the Water Main District. Mr. Mendenhall noted that the District had not undertaken such a task since 1993 and Mr. Masek's contributions and forty years of experience at the District were an integral part of the process.

Scott Murray introduced himself to the Board, and stated that he is a candidate for the Subdivision 7 seat on the MUD Board in the upcoming November election.

At 9:05 a.m., Chairperson Frost announced that the Committee Meetings had concluded, and the Board would reconvene for the regular monthly Board Meeting in ten minutes at 9:15 a.m.

Mark E. Doyle

Secretary and President

MED/mjm

METROPOLITAN UTILITIES DISTRICT Minutes of the Regular Monthly Board Meeting October 5, 2022

Chairperson Frost called to order the regular monthly Board Meeting of the Metropolitan Utilities District Board of Directors at 9:15 a.m. at its headquarters building located at 7350 World Communications Drive.

Advance notice of the meeting was published in the print version of *The Omaha World-Herald* on Sunday, September 25, 2022, and in the online version from September 25, 2022, through October 1, 2022. Notice was also provided on the MUD website at www.mudomaha.com and other social media platforms. Agendas and pertinent Board materials to be presented at the October 5, 2022, Board Meeting were emailed to Directors on September 29, 2022 and were posted to the MUD website on September 30, 2022.

Chairperson Frost announced that the meeting was being livestreamed and a recording of the meeting would be uploaded to the MUD website after the meeting's conclusion.

AGENDA NO.1 ROLL CALL

On a roll call vote, the following Directors acknowledged their presence: Jack Frost, Mike McGowan, Gwen Howard, Tim Cavanaugh, Jim Begley, Tanya Cook.

Director Dave Friend was absent. All attendees participated in-person.

AGENDA NO. 2

OPEN MEETINGS ACT NOTICE

Chairperson Frost announced that a copy of the Open Meetings Act was located on the wall in the back of the Board Room.

AGENDA NO. 3

PLEDGE OF ALLEGIANCE

Chairperson Frost invited all who wished to participate to recite the Pledge of Allegiance.

AGENDA NO. 4

APPROVAL OF MINUTES FOR COMMITTEE MEETINGS AND REGULAR MONTHLY **BOARD MEETING FOR SEPTEMBER 7, 2022**

Director Begley moved to approve the minutes for the Committee Meetings and regular monthly Board Meeting for September 7, 2022, which was seconded by Director Cavanaugh and carried on a roll call vote.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No:

AGENDA NO. 5

CAPITAL EXPENDITURES

Director Cook moved to approve the proposed Capital Expenditures as presented in the Committee Meetings by Senior Vice-President and Chief Operations Officer Gina Langel and as outlined in her letter to the Committee dated September 27, 2022. The motion was seconded by Director Howard and carried on a roll call vote.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No:

None

AGENDA NO. 6

MASTER PLANNING & DESIGN SERVICES FOR THE RENOVATION OF THE **CONSTRUCTION CENTER 1 AND TO BUILD CONSTRUCTION CENTER 2**

Director Cook moved to approve the proposed Master Planning & Design Services for the Renovation of the Construction Center 1 and to Build Construction Center 2 as presented by Director of Facilities Management John Velehradsky in the Committee Meetings and as outlined in his letter to the Committee dated September 29, 2022. The motion was seconded by Director Begley and carried on a roll call vote.

AGENDA NO. 7

ACCEPTANCE OF CONTRACTS AND PAYMENT OF FINAL ESTIMATES

Director Cook moved to approve the proposed Acceptance of Contracts & Payment of Final Estimates as presented in the Committee Meetings by Director of Plant Engineering Stephanie Henn and as outlined in her letter to the Committee dated September 24, 2022. The motion was seconded by Cavanaugh and carried on a roll call vote.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No:

None

AGENDA NO. 8

CHANGE ORDER FOR WATER MAIN INSTALLATION IN COPPER CREEK SUBDIVISION

Director Cook moved to approve the change order for water main installation in Copper Creek Subdivision as presented at the Committee Meetings by Ms. Henn and as outlined in her letter to the Committee dated September 9, 2022. The motion was seconded by Director Howard and carried on a roll call vote.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No: None

AGENDA NO. 9

BIDS ON MATERIALS AND CONTRACTS

Director Cook moved to approve the bids on materials and contracts as presented by Vice-President of Procurement and Enterprise Services Jon Zellars and as outlined in the letter to the Committee dated September 23, 2022 from Director of Purchasing Sherri Meisinger. The motion was seconded by Director Begley and carried on a roll call vote.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No: None

AGENDA NO. 10 MAIN EXTENSIONS

Director Cook moved to approve the proposed main extensions as presented by Vice-President of Engineering Masa Niiya and as outlined in his letter to the Committee dated September 23, 2022. The motion was seconded by Director Cavanaugh and carried on a roll call vote.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No: None

AGENDA NO. 11

CERTIFICATION OF COST OF WATER MAIN DISTRICT ON EARL AVENUE AND SETTING BOARD OF EQUALIZATION DATE

Director Cook moved to approve the proposed certification of the cost of the creation of the Water Main District on Earl Avenue and setting the Board of Equalization date along with the accompanying Resolutions as presented in the Committee Meetings by Mr. Niiya and as outlined in his letter to the Committee dated September 29, 2022. The motion was seconded by Director McGowan and carried on a roll call vote. Director Cavanaugh added that the Board of Equalization meeting date was scheduled for November 2, 2022 from 9:30 a.m. to 10:30 a.m.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No: None

AGENDA NO. 12

WAGE AND/OR SALARY INCREASES AND RATIFICATIONS

Director Begley moved to approve the wage and/or salary increases and ratifications as presented by Ms. Savine in the Committee Meeting and as outlined in her letter dated September 22, 2022. The motion was seconded by Director Cook and carried on a roll call vote.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No: None

AGENDA NO. 13

SETTLEMENT OF WORKERS COMPENSATION CASE

Director Cook moved to approve the proposed Settlement of a Workers Compensation Case as presented in the Committee Meetings by Assistant General Counsel Joseph Kehm and as outlined in his letter to the Committee dated September 27, 2022. The motion was seconded by Director Howard and carried on a roll call vote.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No: None

AGENDA NO. 14

OTHER MATTERS OF DISTRICT BUSINESS FOR DISCUSSION

Chairperson Frost asked if any Board member had any comments to share. President Doyle offered comments remotely while attending an AWWA national conference, noting that all attendees arriving were given the Opflow Magazine which presented a photo of the MUD team on the publication's cover page that won an award for an achievement in developing a water pipe washing process that greatly improves efficiency and reduces failure rates.

Chairperson Frost asked whether there were any members of the public who would like to address the Board.

AGENDA NO. 15 CLOSED SESSION

Chairperson Frost announced that there would be no Closed Session.

AGENDA NO. 16 PUBLIC COMMENT

[Requests for Board and Public Comments were presented during the "Other Matters of District Business for Discussion" agenda item.]

Director Cook moved to adjourn the regular monthly Board Meeting which was seconded by Director Howard and carried on a roll call vote.

Voting Yes: Frost, McGowan Howard, Cavanaugh, Begley, Cook

Voting No:

None

The regular monthly Board meeting was adjourned at 9:28 a.m.

Mark E. Doyle

Secretary and President

Markenderlo

MED/mjm

Inter-Department Communication

October 24, 2022

Subject: CAPITAL EXPENDITURES

To: Committee on Construction and Operations

cc: all Board Members, Doyle, Mendenhall, Schaffart, Ausdemore, Lobsiger, and all Vice

Presidents

From: Gina Langel, Senior Vice President, Chief Operations Officer

The following items will be on the November 2, 2022, Committee Agenda for consideration and the Board Agenda for approval:

BUILDINGS, PLANTS AND EQUIPMENT

1. 100084001315 and 100084001317 - \$60,541,323 - Construction Phase services to perform site improvements and renovation for Construction Center 1 (CC1) and construction phase services to build Construction Center 2 (CC2).

Previously, the Board of Directors approved the following:

- May 2022 \$1,107,200 for owner's representation for renovation of CC1 and to build CC2
- October 2022 \$4,321,477 for master planning and design phase services for CC1 and CC2

This request for construction phase services is the final funding request for the CC1 and CC2 projects. This includes construction, equipment, and moving costs. Facilities Management will seek future Board approval for a Construction Manager utilizing the Construction Manager at Risk (CMAR) delivery method to proceed with the construction phase services. A Construction Manager will be recommended for CC2 upon the completion of the schematic design in the spring 2023. A Construction Manager will be recommended for CC1 upon the completion of the schematic design in the spring 2024.

2. 100033000000 - \$90,000.00 - Replace 11 turbidity meters at Platte South. Turbidity is a measure of water clarity. The amount of turbidity allowed at various stages of the treatment process is regulated. Turbidity is measured at the filter influent, each individual filter effluent, and at the tap. The existing turbidity meters have not been sold by the manufacturer since July of 2018. At that time, we were notified that parts would continue to be available until at least late 2022. At this time, all Platte South turbidity meters are functioning properly, and parts are available, but parts availability will deteriorate in the future. As these instruments are vital to the treatment process, and required by regulations, it is recommended to replace them now. This item has been indicated for the 2022 budget year since 2019 and approval is requested now.

Approved:

Lina Langel
Gina Langel

Senior Vice President, Chief Operations Officer

Mark E. Doyle President

Inter-Department Communication

October 27, 2022

Subject: ACCEPTANCE OF CONTRACTS AND PAYMENT OF FINAL ESTIMATES

To: Committee on Construction and Operations

cc: all Board Members, Doyle, Mendenhall, Schaffart, Ausdemore, Langel, Lobsiger, and

all Vice Presidents

From: Stephanie L. Henn, Director, Plant Engineering

The following items will be on the November 2, 2022, Committee Meeting for consideration and the Board Meeting Agenda for approval. Work has been satisfactorily completed on the following contracts and final payment is recommended:

Contract	Contract	Amounts		
Contract	Approval Date	*Unit Price Bid	Actual	
a. Cedar Construction, WP1895, 100055001394, Install Water Mains in Palisades Pointe; NE of S. 178th St. & Rampart St.	3/2/2022	\$135,678.00	\$132,785.00	

Comments: There was an overall net decrease in this project of \$2,893.00 primarily for needing less bends than originally estimated. All work required by the contract has been completed by the Contractor and is acceptable and in compliance with the Contract and Specifications.

Contract	Contract	Amou	ints
Contract	Approval Date	*Unit Price Bid	Actual
b. Cedar Construction, WP1750, 100055000941, 100055001166, 100055001215, 100055001346, 100057000300, 100057000360, 100057000424, 100057000477, Install Water Mains in N. 180th St. & Blondo St. to Emmet St.; Blondo St. from N. 183rd St. to the West	1/7/2021	\$1,023,300.00	\$1,118,453.61

Comments: There was an overall net increase in this project of \$95,153.61, which includes Change Order No. 1 in the amount of \$70,915.61. These additional costs were associated with supply chain issues, more auguring, and additional barricading needed to complete with work safely. **Approval of this final will also approve Change Order No. 1.**

Contract	Contract	Amounts		
Contract	Approval Date	*Unit Price Bid	Actual	
c. Roloff Construction, WP1780, 100093001313, 100095001221, 100097000000, 100097000001, 100041000100, Cast Iron Water Main Replacement, Westwood Ln., S. 120th St. to W. Center Rd. and Boundary; Westwood. S. 120th St. & W. Center Rd.	3/4/2021	\$2,671,720.00	\$2,427,727.95	

Comments: There was an overall net decrease in this project of \$243,992.05, primarily due to the opportunity to install the water main outside of paving and directional drilling more of the water main than originally planned. Included in this overall net decrease is \$7,063.38 of deductions from the contractor for struck gas services and for removing and replacing streetlights.

Contract	Contract	Amounts	
Contract	Approval Date	*Unit Price Bid	Actual
d. Kersten Construction, WP1815, 100055001363, Install Water Mains in Shadow Glen North; Replat 2, N. 166 th Ave & Locust St.	6/2/2021	\$151,019.00	\$141,695.60

Comments: There was an overall net decrease in this project of \$9,323.40, primarily due to needing less bends and an air relief vault as originally planned. All work required by the contract has been completed by the Contractor and is acceptable and in compliance with the Contract and Specifications.

Contract	Contract	Amounts	
Contract	Approval Date	*Unit Price Bid	Actual
e. City of Omaha Joint Contract – R1616, 100053001318, 100053001363, 100095001221, 100067001341, 100067001348, City of Omaha Project OPW 50677; Judds Bros Construction; 156th Street Improvement Project, Pepperwood Drive to Corby St	7/3/2018	\$1,882,818.00	\$1,922,014.57

Comments: There was an overall net increase in this project of \$39,196.57, which included Change Order No. 1 for \$60,168.66. These additional charges were primarily due to unforeseen conflicts encountered as the project was being built, and to accommodate phasing of the City of Omaha's project to keep traffic safe on 156th Street. There may be additional charges asserted against this project. The District has complied with its responsibilities pursuant to the applicable contract and believes it is appropriate to close this project. Any efforts to collect those additional charges may be asserted through the claims' process. **Approval of this final will also approve Change Order No. 1.**

Contract	Contract	Amounts		
Contract	Approval Date	*Unit Price Bid	Actual	
f. Q3 Contracting, GP2578, 100092001652, 100082000040, 100082000041, 100082000042, 100082000043, Contracted Gas Main Replacement, N. 66 th St. & Miami St. to N. 69 th St. & Burt St.	1/5/2022	\$946,257.89	\$377,481.05	

Comments: There was an overall net decrease in this project of \$568,776.84, primarily due to the project being able to be installed outside of, rather than under paving. At the time the project was designed in early 2021, and built in early 2022, during the pandemic, all the City of Omaha's paving stipulations were not finalized, so the project was estimated assuming the worst-case scenario, with paving replacement needed. This is the first of seven contracted gas projects from 2022, representing approximately 3% of the entire 2022 contracted gas work.

*Based upon Engineering's estimated unit quantities.

Stephanie L. Henn

Director, Plant Engineering

Approved:

DocuSigned by:

Masa Miya Masa Niiya Vice President Engineering - DocuSigned by:

Gina langul

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Gina Langel

Senior Vice President Chief Operations Officer —Docusigned by: Mark Doyle

Mark E. Doyle President

Inter-Department Communication

October 21, 2022

Subject: BIDS ON MATERIALS AND CONTRACTS DURING THE MONTH OF OCTOBER

To: Construction & Operations Committee

cc: All Board Members, Doyle, Ausdemore, Langel, Lobsiger, Mendenhall, Schaffart

and all Vice Presidents

From: Sherri A Meisinger, Director, Procurement

The following items will be on the November 2, 2022 Committee Agenda for consideration and the November 2, 2022 Board Agenda for approval. The recommended bid is bolded and listed first. Nonlocal bidders have been indicated in italics.

WATER/GAS MAIN CONTRACTS

<u>Item</u>	Bids Sent / Rec'd	Bidders	Bid Amount
Install Water Mains in South Streams 36" Pioneer Main, 204 th St. from V. St. to South HWS Cleveland Blvd. 100057000513 WP1890A Engineering Estimate: \$1,998,440.00 (A C&A in the amount of \$2,420,732.00 approval.)	18/3) will be presen	Cedar Construction Judds Bros Constr. Pat Thomas Constr. ted to the Board on Nov	\$1,978,571.00 1,996,460.00 2,325,629.10 ember 2, 2022, for
Install Water Mains in Fairview and Fort Crook Rd. 12" Pioneer Main, from Fairview to 2,680' to South 100057000519 100057000522 100057000523 WP1907 Engineering Estimate: \$1,735,477.00	18/2	Kersten Constr. Cedar Construction	\$1,744,667.00 2,015,975.00

(A C&A in the amount of \$2,150,671.00 will be presented to the Board on November 2, 2022, for approval.)

Install Water Mains in Iron Bluff 18/2 **Kersten Constr.** \$1,105,124.00 Lots 92-104 and Outlots E-I, SE. of Cedar Construction 1,420,507.00

George B. Lake Pkwy and F St. 100055001412 WP1939

Engineering Estimate: \$1,250,849.00

(A C&A in the amount of \$1,127,567.00 will be presented to the Board on November 2, 2022, for approval.)

Install Water Mains in Heartwood
Residences Lots 1-222, W. of
Applied Pkwy and Jones St.
100055001413 WP1940

Kersten Constr.
Cedar Construction
Thompson Constr.
599,430.00

Engineering Estimate: \$688,810.00

(A C&A in the amount of \$653,488.00 will be presented to the Board on November 2, 2022, for approval.)

Install Water Mains in Westward
Subdivision Lots 1 & 3-9 Nrohkle
Replat 2 and Lot 1, SE. of 204th St. and

Kersten Constr.
Thompson Constr.
Cedar Construction
271,175.00

Honeysuckle Dr.

100055001416 WP1952

Engineering Estimate: \$241,165.00

(A C&A in the amount of \$239,884.00 will be presented to the Board on November 2, 2022, for approval.)

 Install Water Mains in Waters Edge
 18/3
 Kersten Constr.
 \$844,930.00

 Lots 1-88 12" Approach Main, SE. of
 Cedar Construction
 991,982.00

 168th St. and Bennington Rd.
 Thompson Constr.
 1,047,255.00

 100055001420
 100057000526
 WP1954

Γ. - Γ. ... Γ. ... Φ004 040 00

Engineering Estimate: \$964,913.00

(A C&A in the amount of \$978,655.00 will be presented to the Board on November 2, 2022, for approval.)

OTHER

<u>ltem</u>	Bids Sent / Rec'd	Bidders	Bid Amount
Four (4) Wellfield Motor Soft Starters	3/3	Grainger	\$40,480.64
Platte West Water Treatment Facility		Wesco	50,937.00
100091000044		Echo Electric Supply	58,389.96
(C&A for 100091000044 approved Octo	ober 10. 2022 i	n the amount of \$48.000.	00.)

One (1) 36" MJ Gate Valve for 7/3 **Core & Main** \$54,838.71 South Streams 36" Pioneer Main American Underground 63,733.33 100057000513 WP1890A Omaha WinWater 64,062.00 (A C&A in the amount of \$2,420,732.00 will be presented to the Board on November 2, 2022, for approval.)

Sherri A. Meisinger Director, Procurement (402) 504-7253

Approved:

Jon Zellars

Vice President, Procurement and Enterprise Services

Steven E. Ausdemore

Senior Vice President, Safety, Security and Field Operations

Mark E. Doyle President

Inter-Department Communication

October 25, 2022

Subject: MAIN EXTENSIONS

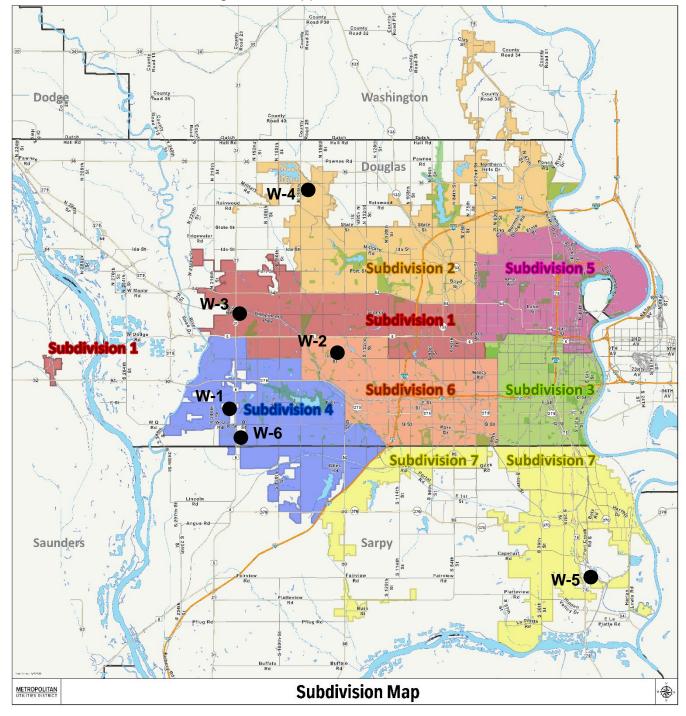
To: Services and Extensions Committee

cc: All Board Members, Doyle, Mendenhall, Schaffart, Ausdemore, Langel, Lobsiger,

and all Vice Presidents

From: Masa Niiya, Vice President, Engineering

The following main extensions will be on the November 2, 2022, Committee Agenda for consideration and the Board Agenda for approval:



WATER MAINS:

1. IRON BLUFF SUBDIVISION, Subdivision 4, Cavanaugh: This work is being done to provide water service and fire protection to one multiple residence lot, 11 commercial lots and one future city park in Iron Bluff Subdivision, George B. Lake Parkway and "F" Street. Work is requested to be completed by June 2023. Pioneer main fees are due to the existing 12-inch water mains in "F" Street in the amount of \$193,841. (City of Omaha zoning jurisdiction, Lockwood Development)

Subdivision: Iron Bluff Subdivision

Project Number: WP 1939 Project Cost: \$1,127,567

Applicant Contribution: \$1,321,408 **Construction by Applicant:** \$0.00

M.U.D. Cost: \$0.00

2. HEARTWOOD RESIDENCES SUBDIVISION, Subdivision 6, McGowan: This work is being done to provide water service and fire protection to 222 single residence lots in Heartwood Residences Subdivision, Applied Parkway and Jones Street. Work is requested to be completed by January 2023. (City of Omaha zoning jurisdiction, Applied Underwriters)

Subdivision: Heartwood Residences Subdivision

Project Number: WP 1940 Project Cost: \$653,488

Applicant Contribution: \$653,488 **Construction by Applicant:** \$0.00

M.U.D. Cost: \$0.00

3. WESTWARD SUBDIVISION, Subdivision 1, Begley: This work is being done to provide water service and fire protection to nine commercial lots in Westward Subdivision, 204th and Honeysuckle Streets. Work is requested to be completed by January 2023. (City of Omaha zoning jurisdiction, Ryan Gratopp)

Subdivision: Westward Subdivision

Project Number: WP 1952 Project Cost: \$239,884

Applicant Contribution: \$239,884 **Construction by Applicant:** \$0.00

M.U.D. Cost: \$0.00

4. WATERS EDGE AT 168 SUBDIVISION, Subdivision 2, Friend: This work is being done to provide water service and fire protection to 87 single residence lots and one multiple residence lot in Waters Edge at 168 Subdivision, 168th Street and Bennington Road. Work is requested to be completed by June 2023. Pioneer main fees are due to the existing 16-inch water main and the proposed 12-inch water main in Bennington Road and 168th Street respectively in the amount of \$94,011. (City of Bennington zoning jurisdiction, SID 626 of Douglas County)

Subdivision: Waters Edge at 168 Subdivision

Project Number: WP 1954 Project Cost: \$978,655 **Applicant Contribution:** \$1,072,666 **Construction by Applicant:** \$0.00

M.U.D. Cost: \$0.00

5. PAPILLION SANITATION INDUSTRIAL PARK AND FAIRVIEW BUSINESS PARK, Subdivision 7, Frost: This work is being done to provide water service and fire protection to three industrial lots in Papillion Sanitation Industrial Park and Fairview Business Park, Fort Crook Road and Fairview Road. Work is requested to be completed by December 31, 2022. (City of Bellevue zoning jurisdiction, FCC Holdings)

Subdivision: Papillion Sanitation Industrial Park and Fairview Business Park

Project Number: WP 1907 Project Cost: \$2,150,671

Applicant Contribution: \$2,150,671 **Construction by Applicant:** \$0.00

M.U.D. Cost: \$0.00

6. 204TH STREET TRANSMISSION MAIN EXTENSION, Subdivision 2, Friend: This 36" water main extension is one of three remaining pipeline segments needed to complete the transmission main system between the Platte West Water Treatment Plant and the rapidly developing areas of Sarpy County. The design and installation of the water main will be coordinated with adjacent development prior to homes being built to minimize disruption and cost. This project is not budgeted for construction in 2022, but is included in the proposed 2023 budget. 2022 spending is limited to design costs. This request for Board authorization is presented now to ensure materials can be ordered and other necessary pre-construction activities can be initiated and completed without causing unacceptable project delays and related increased costs. Work is planned to be completed in 2023. (City of Omaha zoning jurisdiction)

Subdivision: N/A

Project Number: WP 1890A Project Cost: \$2,420,732

Applicant Contribution: \$306,295 **Construction by Applicant:** \$0.00

M.U.D. Cost: \$2,114,437

Approved:

Gina Langel

Sr. Vice President, Chief Operations Officer

Masa Niiya

Vice President, Engineering

Mark E. Doyle

President

Inter-Department Communication

October 24, 2022

Subject: Wage and/or Salary Increases and Ratifications, November 2022 Board Meeting

To: Personnel Committee members Begley, Friend, and Frost

cc: Board Members Cavanaugh, Cook, Howard, and McGowan

President Doyle, and Senior Vice Presidents Ausdemore, Langel, Lobsiger, Mendenhall, and

Schaffart

From: Bonnie Savine, Vice President, Human Resources

The Human Resources Department is recommending the Board of Directors approve the wage or salary increases outlined below. All positions involve District employees earning more than \$10,000 per year and therefore require your approval.

1. Operating and Clerical (OAC) Wage Increases Due To Promotion

The Human Resources Department is recommending the Board of Directors approve wage increases for the following Employees within the OAC classification. These wage increases are based on a job selection process, are in compliance with the Collective Bargaining Agreement, and are made following the posting and application process for a job opening in the District. The effective date for these increases will be the beginning of the next OAC pay period following Board approval.

Employee: Joseph Detwiler

Current position (department): Instrument and Control Technician (Maintenance)

New position (department): Senior Instrument and Control Technician (Maintenance)

Current rate; step/grade: \$45.60; Step 4 Proposed rate; step/grade: \$47.08; Step 4

Percent of increase: 3.25%

District hire date: February 22, 2005

Employee: Andrew Elvig Cossette

Current position (department): Water Maintenance Worker (Water Distribution) **New position (department):** General Maintenance Mechanic (Water Distribution)

Current rate; step/grade: \$34.48; Step 4
Proposed rate; step/grade: \$37.07; Step 4

Percent of increase: 7.51%

District hire date: January 12, 2015

Employee: Joel Kincaid

Current position (department): Pipe Layer Trainee (Construction) **New position (department):** Meter Mechanic (Meter Services)

Current rate; step/grade: \$26.25; Step 2
Proposed rate; step/grade: \$28.77; EN
Percent of increase: 9.60%

District hire date: August 30, 2021

Wage and/or Salary Increases and Ratifications November 2022 Page 2

Employee: Zachary Lariviere

Current position (department): Water Maintenance Worker (Water Distribution) **New position (department):** General Maintenance Mechanic (Water Distribution)

Current rate; step/grade: \$32.76; Step 3 Proposed rate; step/grade: \$35.22; Step 3

Percent of increase: 7.51%

District hire date: November 19, 2018

Employee: Nicholas Raver

Current position (department): Water Plant Operator (Florence)

New position (department): Water Plant Engineer (Platte West)

Current rate; step/grade: \$33.24; Step 1
Proposed rate; step/grade: \$36.57; Step 1

Percent of increase: 10.02%

District hire date: September 27, 2021

2. Operating and Clerical (OAC) Wage Increases Due To Job Transfer

The Human Resources Department is recommending the Board of Directors approve wage increases for the following Employees within the OAC classification. A transferring employee who is at less than Standard Wage will be moved to an equal rate in the new job classification or, if there is not an identical wage rate, to the nearest higher wage rate in the new job classification. These wage increases are based on a formal selection process, are in compliance with the Collective Bargaining Agreement, and are made following the posting and application process for a job opening in the District. The effective date for these increases will be the beginning of the next OAC pay period following Board approval.

There are no recommendations for approval this month

3. Operating and Clerical (OAC) Wage Increases Due To Job Progression

The Human Resources Department is recommending the Board of Directors approve the following wage increases for the OAC employees who have successfully completed required training and who have been recommended by their supervisor for promotion as they progress within their job family. All increases are based on the bargaining unit wage structure. The effective date for these increases will be the beginning of the next OAC pay period following board approval.

There are no recommendations for approval this month

4. Supervisory, Professional and Administrative (SPA) Salary Increases Due To Job Promotion

The following SPA employees are selected for promotion. It is recommended the President be authorized to increase the salary of these employees. These SPA positions have been evaluated, graded, appropriate job descriptions completed, and posting guidelines fulfilled. The effective date for these salaries will be the beginning of the next SPA pay period following board approval.

There are no recommendations for approval this month

5. Supervisory, Professional and Administrative (SPA) New Hire Ratification

Board of Director Ratification of salaries, for new SPA employees hired from outside the District, is required to confirm the salary within the grade established for the position. Authorization to ratify the annual salary of SPA employees hired from outside the District will be requested each month, if appropriate.

There are no New Hire Ratifications for this month

Bonnie Savine

Vice President, Human Resources

Mark A. Mendenhall

Mule M

Senior Vice President, General Counsel

Mark E. Doyle President

October 24, 2022

Subject: 2022 BARGAINING UNIT WAGE RE-OPENER

To: Personnel Committee members Begley, Friend, and Frost
cc: Board Members Cavanaugh, Cook, Howard, and McGowan
President Doyle, Senior Vice Presidents Ausdemore, Langel, Lobsiger,
Mendenhall, Schaffart

From: Bonnie Savine, Vice President, Human Resources

The District's Collective Bargaining Agreement with the IBEW #1521 ("Agreement") includes language that an annual wage re-opener will be conducted each year. This language provides the opportunity for employees occupying positions covered by the Agreement to petition a committee consisting of two (2) union and two (2) management representatives to adjust the pay for their position based upon significant changes in their respective duties and responsibilities that have taken place since either the date the job description was created or last updated. Supervisors and employees meet with the Committee to present their position(s) and to answer any questions the Committee may have. In accordance with the Labor Agreement language, the Committee as a whole must agree to the adjustment of a wage rate or no change will occur.

For the 2022 Wage Re-Opener, the Committee held seven (7) meetings encompassing fourteen (14) requestors reviewing seven (7) jobs. The Committee is recommending adjustments to three (3) jobs, affecting wages for three (3) employees.

The Committee is recommending the following wage adjustments:

Administrative Clerk III (10011) - Accounting

The Administrative Clerk III job classification is assigned to the Accounting Department. There is one (1) employee assigned to this position.

The review of this position indicated the employee of the Administrative Clerk III job classification is performing similar duties and responsibilities that are identified in a separate, existing job classification titled Accounting Clerk I. Duties that are new include reviewing travel reports, vendor statement analysis, reviewing monthly invoice report, assisting with invoice inquiries, reviewing and reconciling statements, and entering journal entries.

It is the conclusion of the Committee the duties performed by the employee of this Administrative Clerk III position are better identified by the Accounting Clerk I job classification. The Committee recommends employee Lynn Kaluza be promoted to the position of Accounting Clerk I.

The Committee is recommending the following wage adjustments:

Salary Adjustment:

The employee is at Standard Wage of the position, which is \$29.43 per hour. In accordance with the District's Personnel Policy Manual which directs bargaining unit employees will be moved to the closest higher step in the new job classification wage progression provided the employee receives a wage increase that is at least five percent (5%) when promoted. Lynn Kaluza will be placed at \$31.07 per hour – Standard Wage effective November 12, 2022.

Administrative Clerk IV (10008) - Customer Accounting

The Administrative Clerk IV job classification is assigned to the Customer Accounting Division. There is one (1) employee assigned to this position.

The review of this position indicated the employee of the Administrative Clerk IV job classification is performing similar duties and responsibilities that are identified in a separate, existing job classification titled Customer Accounting Clerk IV. Duties that are new include calling customers to restore service and set up payment arrangements, maintaining Metro Area Continuum of Care for the Homeless (MACCH) Emergency Rental Assistance Program (ERAP) process, and assist with the Low Income Household Water Assistance Program (LIHWAP).

It is the conclusion of the Committee the duties performed by the employee of this Administrative Clerk IV position are better identified by the Customer Accounting Clerk IV job classification. The Committee recommends employee Deborah Haley be promoted to the position of Customer Accounting Clerk IV.

The Committee is recommending the following wage adjustments:

Salary Adjustment:

The employee is at Standard Wage of the position, which is \$31.39 per hour. In accordance with the District's Personnel Policy Manual which directs bargaining unit employees will be moved to the closest higher step in the new job classification wage progression provided the employee receives a wage increase that is at least five percent (5%) when promoted. Deborah Haley will be placed at \$32.67 per hour – Standard Wage effective November 12, 2022.

Customer Accounting Clerk II (10040) - Customer Accounting

The Customer Accounting Clerk II job classification is assigned to the Customer Accounting Division. There is one (1) employee assigned to this position

2022 Bargaining Unit Wage Re-opener Page 3

The Customer Accounting Clerk II job is handling a wider array of tasks for Energy Assistance, which includes monitoring the Energy Assistance email inbox, responding to all inquiries, and processing pledge checks. In addition, the Customer Accounting Clerk II job has absorbed processing reports, such as the unclaimed property report.

The Committee is recommending the following wage adjustments:

Salary Adjustment:

Sharon Novak is at the Standard Wage \$28.00 per hour. Adjustment will be a 5% increase, which increases the Standard Wage to \$29.40 per hour.

Management is recommending these increases be effective November 12, 2022.

Bonnie Savine

Vice President, Human Resources

Mark A. Mendenhall Sr. Vice President, General Counsel Mark E. Doyle President

Inter-Department Communication

October 28, 2022

Subject: SETTLEMENT OF CIVIL LITIGATION

To: J & L Committee

Cc: All Board Members; President Doyle; Senior Vice Presidents Ausdemore,

Langel, Lobsiger and Schaffart; and all Vice Presidents

From: Mark Mendenhall, Senior Vice President/ General Counsel

An action was filed against the Metropolitan Utilities District of Omaha ("District") in the Douglas County District Court in 2016. The action has been in litigation since the date the Complaint was filed and remains in litigation as to other parties.

The District's Law Department, including its outside counsel, have reached a settlement agreement with the law firm of Erickson and Sederstrom. This settlement is pending this Board's approval. The settlement amount is being withheld pursuant to Neb. Rev. Stat. § 84-713(2).

Pursuant to Neb. Rev. Stat. § 84-713(3), this matter must be placed upon the agenda, and we have done so with a memo that does not go into the details of the District's legal position, which is a matter that is allowed to be kept confidential under Neb. Rev. Stat. § 84-713(2).

If the Board desires, further discussion of this matter can he held in a Closed Session.

If you have any questions, please feel free to contact me.

Approved:

Mark Mendenhall SVP/ General Counsel

Mark Doyle President

RESOLUTION

WHEREAS, it is adjudged and determined by the Board of Directors of Metropolitan Utilities District of Omaha, sitting as a Board of Equalization, that the lots and parcels of real estate identified below have been specially benefited by the extension of a water main in Water Main District No. 100063000001 and 100065001666 in Douglas County, Nebraska, to the full amount hereby levied and assessed against each lot and parcel of real estate respectively, and it is also adjudged and determined that the actual benefits are equal and uniform per front foot (\$123.62) of property abutting upon the main and within the district and specially benefit each property to the extent of the assessment;

NOW, THEREFOE, BE IT RESOLVED by the Board of Directors of the Metropolitan Utilities District of Omaha that the total cost of the extension of the water main in Water Main District No. 100063000001 and 100065001666 in the sum of \$290,340.54 be and is hereby levied and assessed in accordance with special benefits received, equally and uniformly, upon the lots and parcels of real estate in Water Main District No. 100063000001 and 100065001666 as described below; and

IT IS FURTHER RESOLVED that the Board specifically finds that these special taxes, as levied and assessed, have been equalized in the manner provided by law; that the benefits accruing to the parcels of real estate are equal and uniform; and that the parcels of real estate have been specially benefited to the amount of the special assessment in the following amounts:

NAME OF OWNER	<u>PROPERTY</u>	ASSESSABLE <u>FOOTAGE</u>	AMOUNT OF SPECIAL ASSESSMENT
Bruhn, Robert D.	Lot 1 Bruhn Acres on West Military	158.85'	\$19,637.15
Pulte, William C. Etal.	Lot 2 Bruhn Acres on West Military	227.51'	\$28,124.95
Roche, Todd V. Etal.	South Pt. Lot 3 Bruhn Acres on West Military	100'	\$12,362.07
Newby, Roy W. Etal.	North Pt. Lot 3 Bruhn Acres on West Military	100'	\$12,362.07
Tibke, Clayton S. Eta.	Lot 4 Bruhn Acres on West Military	200'	\$24,724.14
Kohtz, Dan & Terri Rev. Etal.	Lot 5 Bruhn Acres on West Military	200'	\$24,724.14
Turner, Scott W.	Lot 6 Bruhn Acres on West Military	217.39'	\$26,873.91

Grier, Jeffrey J. Etal.	Lot 7 Except E. 15' Bruhn Acres on West Military	205.89'	\$25,452.27
Dempsey, Michele K.	E. 15' of Lot 7 Bruhn Acres on West Military	117.5'	\$14,525.43
Muir, Bob W. Etal.	Lot 8 Bruhn Acres on West Military	200'	\$24,724.14
Meyer, Daniel B. Etal.	Lot 9 Bruhn Acres on West Military	200'	\$24,724.14
Griggs, Judy	Lot 10 Bruhn Acres on West Military	200'	\$24,724.14
Griggs, Judy	Lot 11 Bruhn Acres on West Military	221.5'	\$27,381.99

IT IS FURTHER RESOLVED that the special assessments shall be payable in ten installments, the first installment or one-tenth of the tax shall become due and delinquent fifty (50) days after the date of this levy, and one-tenth of the tax shall become due and delinquent each year thereafter counting from the date of levy for nine years; the special tax shall bear interest at the rate of four (4) percent per annum prior to delinquency, and shall bear interest at the rate specified in Neb. Rev. Stat. Section 45-104.01, as such rate may from time to time be adjusted by the Legislature, after delinquency.

IT IS FURTHER RESOLVED that this levy and assessment shall take effect on the date of its adoption, November 2, 2022.

	Chairman	
Secretary		
FORM APPROVED:		
General Counsel		
ADOPTED:		

2023 BUDGET WORKING DRAFT

Personnel
Capital Projects

November 2022



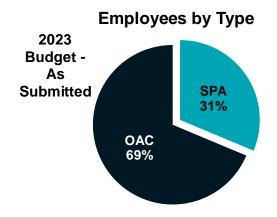
PERSONNEL

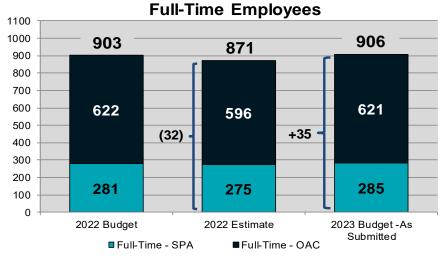
2023 Personnel Budget

(Water & Gas Combined)

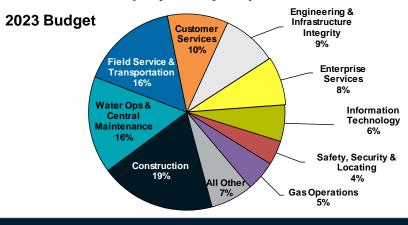
As of December 31

	2022 Budget	2022 Estimate	2023 Budget - As Submitted
Full-Time - SPA	281	275	285
Full-Time - OAC	622	596	621
Total Full-Time	903	871	906
Part-Time	4	3	4
Total Employees	907	874	910

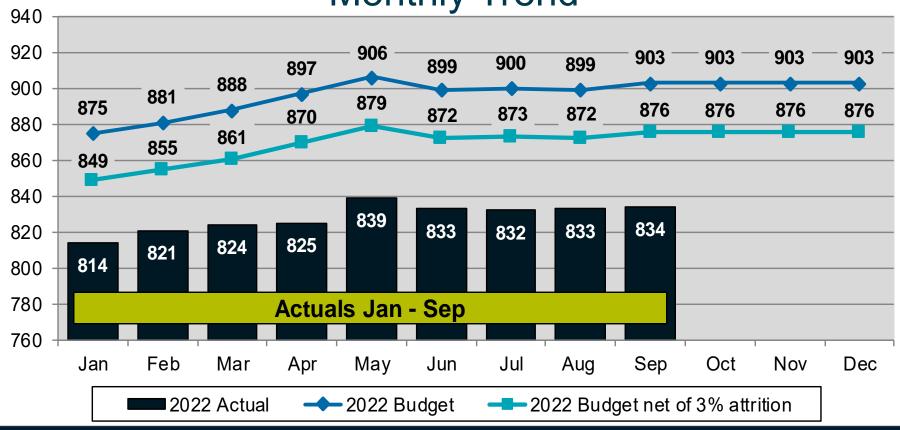




Employees by Department



Full-Time Employees Monthly Trend





Travel & Memberships Summary

Travel & Memberships Summary 2023 Budget

TRAVEL	!	2022 Budget	2023 Budget	Increase (Decrease)		
TOTAL AS SUBMITTED	\$	316,800	\$ 384,700	\$	67,900	
Budget Adjustment	\$	(99,572)	\$ -	\$	99,572	
TOTAL TRAVEL	\$	217,228	\$ 384,700	\$	167,472	
MEMBERSHIPS - Funded by MUD	!	2022 Budget	 2023 Budget		ncrease ecrease)	
Individual Memberships	\$	38,420	\$ 55,210	\$	16,790	
Company-wide Memberships	\$	152,065	\$ 170,265	\$	18,200	
TOTAL MEMBERSHIPS - Funded by MUD	\$	190,485	\$ 225,475	\$	34,990	
MEMBERSHIPS - Funded by NNG Marketing Inco	entive F	<u>fund</u>				
TOTAL MEMBERSHIPS - Funded by NNG	\$	221,180	\$ 180,607	\$	(40,573)	



Capital Expenditures Water Department

Water Department Plant Additions and Replacements

(\$ in Millions)

\mathbf{J}	iliona and Nepia		,,,,,	110	.			2022	ACT/EST	2023 B	UDGET
LINE		_	2022		2022		2023		VS.		S.
NO	DESCRIPTION	BU	DGET	AC	T/EST	Bl	JDGET	2022	BUDGET	2022 B	UDGET
	<u>Mains</u>										
1	Water Construction Mains (WCM)	\$	5.8	\$	5.5	\$	6.6	\$	(0.3)	\$	0.9
2	Water Cast Iron Main Replacement (WCI)		22.4		24.9		23.4		2.5		1.0
3	Water Construction Relocation Mains (WCR)		4.2		3.1		4.7		(1.1)		0.4
4	* Water Construction Contract Mains (WCC)		13.3		15.5		21.9		2.2		8.6
5	* Water Construction Developer Mains (WCD)		0.5		1.6		1.6		1.1		1.1
6	* Water Construction Pioneer Main (WCP)		6.7		8.1		27.3		1.4		20.6
7	Water Main District (WMD)								-	4	-
	Total Mains		52.9		58.7		85.5		5.8		32.6
	Other Distribution System Property										
8	Replacement of Obsolete/Broken Hydrants		0.3		0.1		0.6		(0.2)		0.3
9	Replacement of Obsolete/Broken Valves		0.4		0.3		1.0		(0.1)		0.6
	Total Other Distribution System Property		0.7		0.4		1.6		(0.3)		0.9
	Buildings, Land and Equipment										
10	Buildings, Land and Equipment Florence		12.5		1.0		16.1		(11.5)		3.6
11	Buildings, Land and Equipment Platte West		1.2		0.3		4.4		(0.9)		3.2
12	Buildings, Land and Equipment Platte South		3.9		0.6		7.8		(3.3)		3.9
13	Buildings, Land and Equipment - Other		5.8		5.7		5.4		(0.1)	•	(0.4)
14	Repumps		0.8		0.1		0.4		(0.7)		(0.4)
15	Construction Machines		6.9		6.2		7.1		(0.7)		0.2
16	Furniture, Equipment and Miscellaneous		1.7		1.0		1.9		(0.7)		0.2
	Total Building, Land and Equipment		32.8		14.9		43.1		(17.9)		10.3
17	WIR Infrastructure Abandonments		0.8		0.7		0.7		(0.1)		(0.1)
18	Salvage Credits on Construction Machines		(0.1)		(0.1)		(0.1)		-		-
	Total Plant Additions and Replacements	\$	87.1	\$	74.6	\$	130.8	\$	(12.5)	<u>—</u>	43.7
	Funds received on Reimbursable Projects above	\$	20.2	\$	34.9	\$	34.5	\$	14.7	\$	14.3

^{*} Components of certain main types are paid for by customers/developers.

VARIANCES

Water Department

Plant Addition and Replacements Funding Sources – "Colors of Money"

(\$ in Millions)

LINE	DESCRIPTION		022 DGET	 022 T/EST		023 DGET		2023 FUNDING SOURCES Primary Secondary Tertiary	
	Mains								
1	Water Construction Mains (WCM)	\$	5.8	\$ 5.5	\$	6.6		130 030	
2	Water Cast Iron Main Replacement (WCI)		22.4	24.9		23.4			0
3	Water Construction Relocation Mains (WCR)		4.2	3.1		4.7		030	6
4	Water Construction Contract Mains (WCC)		13.3	15.5		21.9	**	013 =	n
5	Water Construction Developer Mains (WCD)		0.5	1.6		1.6	**	·(3 ·	
6	Water Construction Pioneer Main (WCP)		6.7	8.1		27.3	**	.13 - 13 -	F
7	Water Main District (WMD)				0		2	000	F
	Total Mains		52.9	58.7		85.5			"
	Other Distribution System Property								
8	Replacement of Obsolete/Broken Hydrants		0.3	0.1		0.6			
9	Replacement of Obsolete/Broken Valves		0.4	0.3		1.0			F
	Total Other Distribution System Property	-	0.7	0.4	_	1.6			
	Buildings, Land and Equipment								
11	Buildings, Land and Equipment - Florence		12.5	1.0		16.1	*	<u> </u>	F
12	Buildings, Land and Equipment - Platte South		3.9	0.6		7.8	*		r F
10	Buildings, Land and Equipment - Platte West		1.2	0.3		4.4			,
13	Buildings, Land and Equipment - Other		5.8	5.7		5.4	*		955
14	Repumps		8.0	0.1		0.4		132	
15	Construction Machines		6.9	6.2		7.1		013	
16	Furniture, Equipment and Miscellaneous		1.7	1.0		1.9		000	F
	Total Buildings, Land and Equipment		32.8	14.9		43.1			f
17	WIR Infrastructure Abandonments		0.8	0.7	<u> </u>	0.7			
18	Salvage Credits on Construction Machines/Transfers		(0.1)	(0.1)		(0.1)			*
	Total Plant Additions and Replacements	\$	87.1	\$ 74.6	\$	130.8			()
	Reimbursable Projects Included Above **	\$	20.2	\$ 34.9	\$	34.5			*

"Colors of Money":

013=

Costs recovered via Impact Fees; various categories of main expenditures analyzed to determine fee (assessed based on meter size for new water service connections).

0130

Funded by "Water Infrastructure Replacement" charge and "Infrastructure" commodity component of rates.

0130

Funded by Service/Commodity rates.

0130

Funded by customers/developers - costs are not incurred unless requested by a customer/ developer; MUD sometimes serves as Pioneer main "developer", in which case, costs are recovered over time as connections occur to the Pioneer main.

. (3)

Funded via bond issuances; debt principal and interest payments funded by Service/Commodity rates.

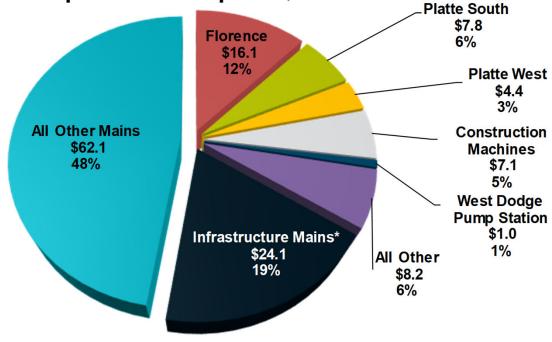


^{*} Bond issuance will result in incremental bond carrying costs (principal and interest payments) to be funded by Service/Commodity rates

^{**} Components of certain main types are paid for by customers/developers.

Water Department Plant Additions and Replacements by Type

Total Proposed 2023 Spend \$130.8 Million



*Cast Iron Mains also includes WIR Infrastructure Abandonments

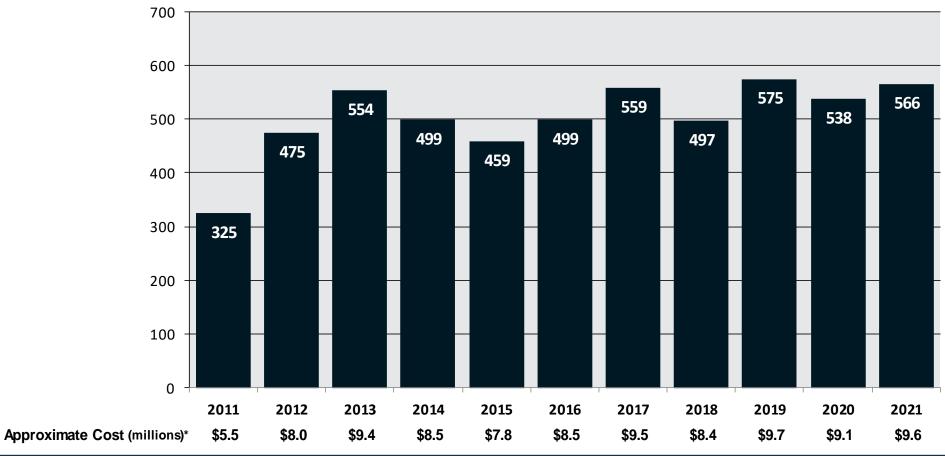


Water Department Five Year Projection of Plant Additions and Replacements





Historical Water Main Breaks



* Approximate cost of main breaks based on 2021 average cost per break of \$16,944

METROPOLITAN UTILITIES DISTRICT

Water Infrastructure Risk Mitigation

- The current five-year view of the budget demonstrates a continued commitment to mitigate risk in our water distribution system via the replacement of aging, high consequence water mains supplemented by condition assessment and leak detection efforts
- The budget reflects the following:

	2023	<u>2024</u>	<u>2025</u>	2026	<u>2027</u>
Water Mains Replaced - miles	16.0	17.0	17.0	17.0	18.0
Water Mains Condition Assessed - miles	4.0	6.0	8.0	8.0	7.0

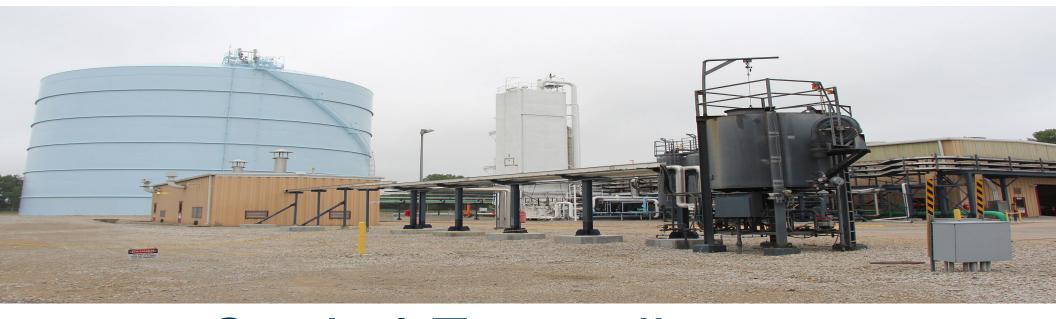
- Implementing alternate installation methods (i.e., pipe-bursting) and material types (i.e. PVC, HDPE), as conditions allow, to lower
 the cost of replacement
- The water system consisted of 3,110.4 miles of mains as of December 31, 2021 a 1% replacement rate equates to replacing 31.1 miles annually this remains our long term goal and should be viewed as annual maintenance
- The five year spending plan reflects main replacement at an average cost of \$1.9 million per mile resulting in a cumulative five year cost of \$162 million
- 2022's projected water infrastructure main replacement cost of \$34.0 million exceeds the revenue generated from Infrastructure rate components by approximately \$5.4 million
- Funding this program on a current year basis will require infrastructure-related rate increases for the foreseeable future as we
 continue to ramp up miles of main replaced, while remaining focused on lowering the cost per mile



Lead Service Replacement

- In 2021, there was the most significant revision to the Lead and Copper Rule since its inception
- Though we're seeking additional clarification, the District anticipates taking additional steps to remove lead service lines from the
 distribution system pursuant to the Revised Lead and Copper Rule (Water Services are owned by the customer, but the cost may
 fall on the District)
- It's important to note that MUD meets or exceeds all state and federal water quality standards; lead is not present in our raw water, the finished water that leaves our treatment plants or in our water mains
- We have approximately 16,000 lead water services in our system, nearly all of which are east of 72nd St.
- In addition to the replacement of lead services that occurs in affiliation with our water infrastructure replacement program, the five-year budget includes an additional \$8.3 million for lead service replacement.
- The District has submitted a grant application for \$30 million of ARPA funds to replace lead water service lines in disadvantaged communities in North and South Omaha; awardees will be announced in April 2023
- The \$30 million ARPA grant would allow for a much more expedited approach to lead service replacement than is currently
 reflected in our five-year spending plan, though would still fall well short of the overall cost to replace all lead services in our
 system, which is estimated at over \$100 million





Capital Expenditures Gas Department

Gas Department Plant Additions and Replacements

(\$ in Millions)

	lions and repr	ac			113				CT/EST	2023 BU	
LINE		_	2022		2022		2023		/S.	VS	
NO	DESCRIPTION	BU	DGET	AC	T/EST	BU	IDGET	2022 E	BUDGET	2022 BU	JDGET
	Mains	_				_			(0.4)		
1	Gas Construction Mains (GCM)	\$	1.2	\$	0.8	\$	1.7	\$	(0.4)	\$	0.5
2	Gas Cast Iron Main Replacement (GCI)		10.5	\$	11.6	\$	10.8		1.1		0.3
3	Gas Construction Relocation Mains (GCR)		3.0	\$	3.1	\$	2.5		0.1		(0.5)
4	Gas Revenue Mains (GRM)		3.9	\$	4.6	\$	2.4		0.7	4	(1.5)
	Total Mains		18.6		20.1		17.4		1.5		(1.2)
5	Replacement of Small Gas Valves		0.1		0.1		0.1			<u> </u>	-
	Other Distribution System Property										
6	Metering Equipment		1.8		1.8		1.8		-		-
7	New Services		3.0		2.9		2.8		(0.1)		(0.2)
8	Leaking Service Replacement		2.0		1.7		1.9		(0.3)		(0.1)
9	GIR Service Replacements (MUD)		4.3		4.2		4.4		(0.1)		0.1
10	GIR Service Replacements (Contracted)		3.9		1.7		4.3		(2.2)		0.4
11	Regulator Stations Infrastructure		-		-		-		-	-	-
12	Regulator Stations & Equipment		0.2		0.2		0.3		-		0.1
	Total Other Distribution System Property		15.2		12.5		15.5		(2.7)		0.3
	Buildings, Land and Equipment										
13	* Buildings, Land and Equipment - LNG/Propane		34.7		36.6		30.4		1.9		(4.3)
14	Buildings, Land and Equipment - All Other		6.3		1.6		11.5		(4.7)		5.2
15	Information Technology		4.4		3.0		7.9		(1.4)		3.5
16	Motor Vehicles		10.0		5.9		11.4		(4.1)		1.4
17	Furniture, Equipment and Miscellaneous		1.4		1.1		0.9		(0.3)	-	(0.5)
	Total Buildings, Land and Equipment		56.8		48.2		62.1		(8.6)		5.3
	Major System Retirements										
18	Service Piping Abandonments		0.4		0.4		0.4				-
19	GIR Infrastructure Abandonments		1.7		1.8		2.1		0.1		0.4
20	Gas Abandonments				2.5		2.5		2.5		2.5
21	Salvage Credits on Motor Vehicles		(0.1)		(0.1)		(0.1)		<u>-</u>		
	Total Plant Additions and Replacements	\$	92.7	\$	85.5	\$	100.0	\$	(7.2)		7.3
Fu	nds recovered via Gas Cost Adjustment *	\$	34.7	\$	36.6	\$	30.4	\$	1.9	\$	(4.3)

^{*} The cost of certain projects is recovered via the Gas Cost Adjustment component of rates.

Gas Department

Plant Addition and Replacements Funding Sources – "Colors of Money"

(\$ in Millions)

LINE			2022	2	2022	2	2023	FUI	NDING SOUR	CES	
NO	DESCRIPTION		DGET		T/EST		DGET	Primary	Secondary	Tertiary	
	Mains										
1	Gas Construction Mains (GCM)	\$	1.2	\$	0.8	\$	1.7	0130			
2	Gas Cast Iron Main Replacement (GCI)		10.5		11.6		10.8		.13 -		F
3	Gas Construction Relocation Mains (GCR)		3.0		3.1		2.5				
4	Gas Revenue Mains (GRM)	_	3.9		4.6		2.4	0130			
	Total Mains	-	18.6	-	20.1	9	17.4				_
5	Replacement of Small Gas Valves		0.1		0.1		0.1	.13-			
	Other Distriction Control Description										F
6	Other Distribution System Property		1.8		4.0		4.0	0 00			
6 7	Metering Equipment New Services		3.0		1.8 2.9		1.8	0 000			
8	Leaking Service Replacement		2.0		1.7		1.9	- 15°			
9	GIR Service Replacements (MUD)		4.3		4.2		4.4	-14-	0440	0 1 1 2	F
10	GIR Service Replacements (MOD) GIR Service Replacements (Contracted)		3.9		1.7		4.4		6 C 10	0 13 0	r
11	Regulator Stations Infrastructure		3.9		1.7		4.3		DIA C ARREST	ES / WE	a
12	Regulator Stations & Equipment		0.2		0.2		0.3	040			٥
12	Total Other Distribution System Property	-	15.2	-	12.5	(0	15.5	Book & Assess			
	Buildings, Land and Equipment	S.				25					
13	Some well as the which is " is recovering		34.7		36.6		30.4	0(3)-1	.13 -		0
14	Buildings, Land and Equipment - All Other		6.3		1.6		11.5	. (3)	.13.		F
15	Information Technology		4.4		3.0		7.9	0(3)0			p
16	Motor Vehicles		10.0		5.9		11.4	0 (3) 04			
17	Furniture, Equipment and Miscellaneous		1.4		1.1		0.9	•()•			
	Total Buildings, Land and Equipment	_	56.8	_	48.2		62.1				
	Major System Retirements										
18	Service Piping Abandonments		0.4		0.4		0.4	.13 -			
19	GIR Infrastructure Abandonments		1.7		1.8		2.1		0130		
20	Gas Abandonments		-		2.5		2.5	• (3 •			
21	Salvage Credits on Motor Vehicles		(0.1)		(0.1)		(0.1)	0(3)0			
j	Total Plant Additions and Replacements	\$	92.7	\$	85.5	\$	100.0				
	Funds recovered via Gas Cost Adjustment *	\$	34.7	\$	36.6	\$	30.4	.13.			*
	Talles recovered via ous cost Adjustillelit		54.7	Ψ	30.0	_Ψ	50.4	-	I	I.	1 /

"Colors of Money":

130

Funded by Service/Commodity rates.

0130

Funded by "Gas Infrastructure Replacement" charge.

0 (3)

Funded by addition to firm rates (Gas Cost Adjustment) related to operational "peaking" expenditures at LNG and propane caverns. Not charged to interruptible customers.

140

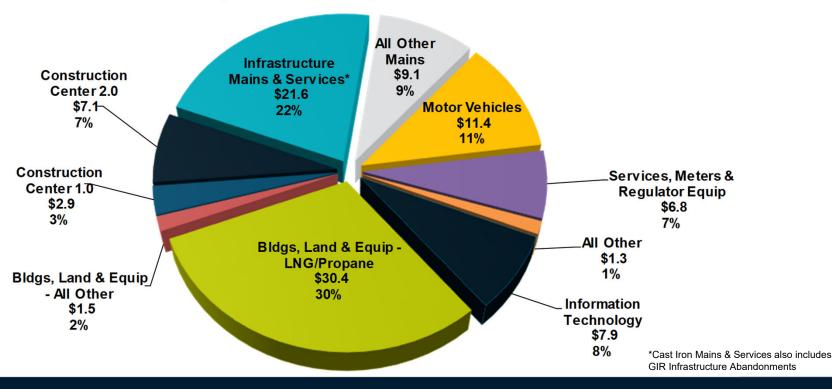
Funded via bond issuances; debt principal and interest payments funded by Service/Commodity rates.

 $[\]mbox{\ensuremath{^{\ast}}}$ The cost of certain projects is recovered via the Gas Cost Adjustment component of rates .



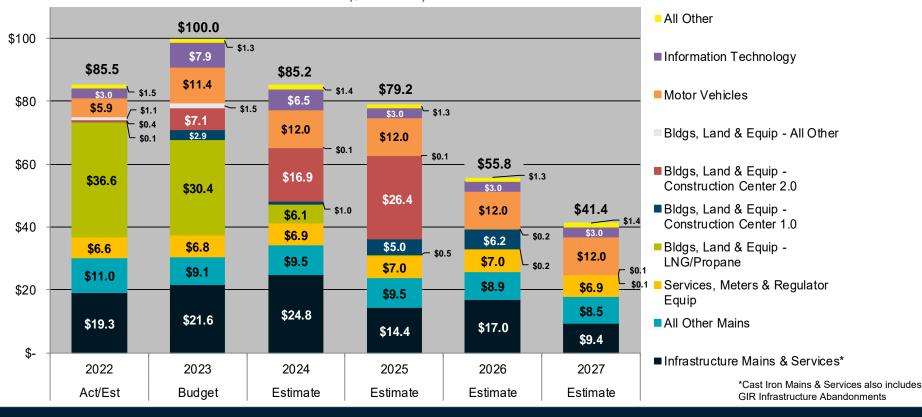
Gas Department Plant Additions and Replacements by Type

Total Proposed 2023 Spend \$100.0 Million



Gas Department Five Year Projection of Plant Additions and Replacements

(\$ in Millions)





Thank You

2023 BUDGET WORKING DRAFT

Appendix



Personnel

Number of Employees 2022 Budget vs 2022 Estimate as of December 31

2022 Budget					2022 Estimate			Incre	ease / (Decrea	se)	+3 Enterprise Services - +1 Buildings & Grounds Maintenance Worker;
Department	Full-Time	Part-Time	Transfers	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	+1 Industrial Water Meter Mechanic; +1 Meter Mechanic;
President's Office	6	-		6	6	-	6	-	-	-	+1 Meter Reader-Car Route; (1) Stores Clerk III
Legal	9	-		9	9	-	9	-	-	-	(5) Field Service Operations & Transportation - (4) Administrative Clerks.
Human Resources	12	-		12	12	-	12	-	-	-	(2) Customer Service Technicians; (1) Transportation Specialist; +1 Asst Director, Transportation; +1 Sr Communications Clerk-QAQC
Enterprise Services*	65	-		65	68	-	68	3	-	3	+1 ASSI Director, Transportation, +1 Si Confindincations Clerk-QAQC
Accounting & Rates	19	-		19	19	-	19	-	-	-	+1 Gas Operations - +1 Design Engineer
Safety, Security & Locating	33	-		33	33	-	33	-	-	-	(9) Water Operations - (4) Water Maintenance Worker;
Field Service Operations & Transportation	148	1		149	144	-	144	(4)	(1)	(5)	(3) General Maintenance Mechanic; (1) Asst Director, Water Production;(1) Foreman, Water Distribution; (1) Water Plant Operator;
Gas Operations	43	-		43	44	-	44	1	-	1	(1) Valve Maintenance Mechanic; +1 Leak Detector Operator; +1 Sr Design Engineer
Water Operations & Central Maintenance	143	2		145	134	2	136	(9)	-	(9)	
Business Development	12	-	2	14	14	-	14	-	-	-	(9) Engineering & Infrastructure Integrity - (4) CAD Technicians; (3) Engineers; (2) GIS Technicians
Corporate Communications	10	-	(2)	8	8	-	8	-	-	-	(1) VP, Engineering; +1 Design Engineer
Engineering & Infrastructure Integrity	92	-	(11)	81	72	-	72	(9)	-	(9)	(13) Construction -
Construction	164	-	11	175	162	-	162	(13)	-	(13)	
Information Technology	57	-		57	54	-	54	(3)	-	(3)	(3) Information Technology - (1) Director, Planning & Process Improvemer
Customer Services	90	1		91	92	1	93	2	-	2	(1) ERP Technical/Functional Analyst; (1) Basis Administrator
TOTAL	903	4	-	907	871	3	874	(32)	(1)	(33)	+2 Customer Services - +2 Customer Service Clerks

^{*} Enterprise Services = Purchasing, Meter Services, Stores & Facilities Management

Number of Employees September 2022 Actual vs December 2022 Estimate

(as of last day of the month)

	Septe	mber 2022 Ac	tual	Decem	ber 2022 Esti	imate	Incre	ase / (Decrea	se)	1
Department	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	
President's Office	6	-	6	6	-	6	-	-	-	
Legal	9	-	9	9	-	9	-	-	-	(2
Human Resources	12	-	12	12	-	12	-	-	-	+
Enterprise Services*	65	-	65	68	-	68	3	-	3	
Accounting & Rates	19	-	19	19	-	19	-	-	-	
Safety, Security & Locating	35	-	35	33	-	33	(2)	-	(2)	+
Field Service Operations & Transportation	142	-	142	144	-	144	2	-	2	+
Gas Operations	42	-	42	44	-	44	2	-	2	
Water Operations & Central Maintenance	125	2	127	134	2	136	9	-	9	
Business Development	14	-	14	14	-	14	-	-	-	(2
Corporate Communications	8	-	8	8	-	8	-	-	-	
Engineering & Infrastructure Integrity	74	-	74	72	-	72	(2)	-	(2)	
Construction	154	-	154	162	-	162	8	-	8	*
Information Technology	45	-	45	54	-	54	9	-	9	+
Customer Services	84	1	85	92	1	93	8	-	8	
TOTAL	834	3	837	871	3	874	37	•	37	
Budget Adjustment	-	-	-	-	-	-	-	-	-	+
TOTAL	834	3	837	871	3	874	37	-	37	

⁺³ Enterprise Services - +1 Buildings & Grounds Maintenance Worker;

- +1 Industrial Water Meter Mechanic; +1 Meter Mechanic;
- +1 Meter Reader-Car Route; (1) Stores Clerk III
- (2) Safety, Security & Locating (2) Utility Locators

+2 Field Service Operations & Transportation - +1 Asst Director, Transportation;

- +1 Senior Mechanic; +1 Fuel Truck Driver; +1 Paint & Body Mechanic;
- +1 Administrative Clerk III; (3) Customer Service Technicians
- +2 Gas Operations +3 Gas Plant Operator; (1) Gas Plant Engineer
- +9 Water Operations +2 Water Plant Engineer; +2 Water Maintenance Worker;
 - +1 Sr Design Engineer; +1 Sr Instrument & Control Technician;
- +1 Sr Maintenance Mechanic; +1 Chemical Equipment Mechanic;
- +1 Administrative Clerk III

(2) Engineering & Infrastructure Integrity -

- (2) Design Engineer; (1) CAD Technician I; (1) GIS Technician I;
- +1 Engineer; +1 Sr Compliance Engineer
- +8 Construction +7 Pipe Layer; +4 Machine Operator; +1 Director, Construction; (2) Utility Worker; (1) Group Leader; (1) Crew Leader
- +9 Information Technology +3 Sr System Engineer;
 - +3 Sr ERP Technical/Functional Analyst; +1 ERP Technical/Functional Analyst;
 - +1 Manager, Enterprise Applications; +1 Manager, Application Development
- +8 Customer Services +7 Customer Service Clerks;
 - +1 Supervisor, QA & BIL BS Cmmncts



^{*} Enterprise Services = Purchasing, Meter Services, Stores & Facilities Management

Number of Employees 2022 Budget vs 2023 Budget as of December 31

		2022 B	udget			2023 Budget		Increase / (Decrease)			
Department	Full-Time	Part-Time	Transfers	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	
President's Office	6	-		6	7	-	7	1	-	1	
Legal	9	-		9	9	-	9	-	-	-	
Human Resources	12	-		12	12	-	12	-	-	-	
Enterprise Services*	65	-	2	67	68	1	69	1	1	2	
Accounting & Rates	19	-		19	19	-	19	-	-	-	
Safety, Security & Locating	33	-		33	34	-	34	1	-	1	
Field Service Operations & Transportation	148	1	(4)	145	144	-	144	-	(1)	(1)	
Gas Operations	43	-		43	43	-	43	-	-	-	
Water Operations & Central Maintenance	143	2		145	143	2	145	-	-	-	
Business Development	12	-	4	16	15	-	15	(1)	-	(1)	
Corporate Communications	10	-	(4)	6	6	-	6	-	-	-	
Engineering & Infrastructure Integrity	92	-	(11)	81	82	-	82	1	-	1	
Construction	164	-	11	175	175	-	175	-	-	-	
nformation Technology	57	-		57	57	-	57	-	-	-	
Customer Services	90	1	2	93	92	1	93	-	-	-	
TOTAL .	903	4		907	906	4	910	3	-	3	

⁺¹ President's Office -

- +1 Diversity, Equity & Inclusion
- +2 Enterprise Services -
 - +1 Design Engineer;
 - +1 Part-Time Administrative Clerk III
- +1 Safety, Security & Locating -
 - +1 Foreman, QA Utility Locating (Temporary to Full-Time)
- (1) Field Service Operations & Transportation -
 - (1) Part-time Administrative Clerk II
- (1) Business Development -
 - (1) Manager, Customer Engagement
- +1 Engineering -
 - +1 Sr Engineering Technician-Operations

^{*} Enterprise Services = Purchasing, Meter Services, Stores & Facilities Management

Retirees Per Year 2010 through October 10, 2022



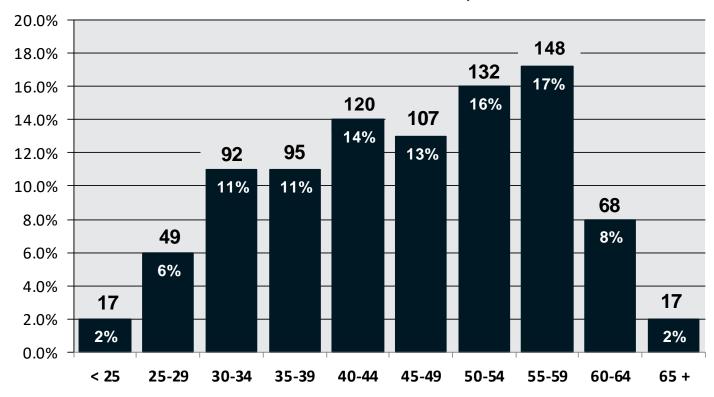
Employee Demographics As of October 10, 2022

Donortmont	Full-Time	Vested Employees						
Department	Employees	Total	55 and older	60 and older				
President's Office	6	4	3	2				
Legal	9	8	5	2				
Human Resources	12	4	-	-				
Enterprise Services*	66	44	16	5				
Accounting & Rates	19	16	7	4				
Safety, Security & Dispatch	35	21	11	2				
Field Service Operations & Transportation	142	112	37	17				
Gas Operations	42	39	22	6				
Water Operations & Central Maintenance	132	88	38	11				
Business Development	14	14	7	4				
Corporate Communications	8	6	2	-				
Engineering & Infrastructure Integrity	74	43	13	7				
Construction	157	90	27	6				
Information Technology	45	28	12	1				
Customer Services	84	64	23	13				
TOTALS	845	581	223	80				
% of Total Full-Time Employees	100%	69%	26%	9%				

^{*} Enterprise Services = Purchasing, Meter Services, Stores & Facilities Management



Employees by Age Group As of October 10, 2022



Travel Summary

Travel Summary 2023 Budget

901	Budget	I	Budget	(D	ecrease)
President's Office	\$ 8,500	\$	19,700	\$	11,200
Legal	7,300		7,300		-
Human Resources	15,500		15,500		-
Enterprise Services	23,100		30,500		7,400
Accounting & Rates	6,000		6,000		-
Safety, Security & Locating	30,500		35,000		4,500
Field Services & Transportation	53,600		58,100		4,500
Gas Operations	28,100		42,800		14,700
Water Operations & Central Maintenance	25,450		50,200		24,750
Business Development	12,400		8,500		(3,900)
Corporate Communications	8,750		5,750		(3,000)
Engineering & Infrastructure Integrity	40,100		45,850		5,750
Construction	-		6,000		6,000
Information Technology	45,500		45,500		-
Customer Services	12,000		8,000		(4,000)
TOTAL AS SUBMITTED	\$ 316,800	\$	384,700	\$	67,900
Budget Adjustment	\$ (99,572)	\$	-	\$	99,572
TOTAL	\$ 217,228	\$	384,700	\$	167,472

2022

2023

Increase

Membership Summary

Memberships – Funded by MUD

2023 Budget

President's Office Legal Human Resources Enterprise Services Accounting & Rates	\$	7,115 2,713 5,902 1,885 1,090 4,800 2,400 1,370 6,030	\$ 7,000 2,688 6,517 1,975 1,345 4,400 6,880 2,305 15,590	\$ (115) (25) 615 90 255 (400) 4,480 935
Human Resources Enterprise Services Accounting & Rates		5,902 1,885 1,090 4,800 2,400 1,370 6,030	6,517 1,975 1,345 4,400 6,880 2,305	615 90 255 (400) 4,480
Enterprise Services Accounting & Rates		1,885 1,090 4,800 2,400 1,370 6,030	1,975 1,345 4,400 6,880 2,305	90 255 (400) 4,480
Accounting & Rates		1,090 4,800 2,400 1,370 6,030	1,345 4,400 6,880 2,305	255 (400) 4,480
9		4,800 2,400 1,370 6,030	4,400 6,880 2,305	(400) 4,480
<u> </u>		2,400 1,370 6,030	6,880 2,305	4,480
Safety, Security & Locating		2,400 1,370 6,030	6,880 2,305	4,480
Field Services & Transportation		1,370 6,030	2,305	
Gas Operations		6,030	,	
Water Operations & Central Maintenance		,		9,560
Business Development		600	425	(175)
Engineering & Infrastructure Integrity		2,990	4,960	1,970
Information Technology		925	525	(400)
Corporate Communications		600	600	-
Total Individual Memberships	\$	38,420	\$ 55,210	\$ 16,790
American Public Gas Association		58,000	58,000	-
American Gas Association		26,800	32,000	5,200
American Water Works Association		21,500	23,000	1,500
Water Research Foundation		12,500	13,000	500
Midwest Energy Association		12,000	12,000	-
Missouri River Public Water Supply Association		5,000	5,000	-
Mountain Plains Minority Supplier Development Counci	I	3,000		(3,000)
Omaha Chamber Reach Program		-	5,000	5,000
AIM Institute		3,000	8,000	5,000
Nebraska Tech Collaborative Nebraska Preparedness Partnership		2,500	3,000 2,500	3,000
National Utility Locating Contractors Association		2,500 500	2,500 1,500	1,000
America's SAP Users Group		1,700	1,700	1,000
National Safety Council		1,500	1,500	_ _
Center for Energy Workforce Development		1,250	1,250	_
Common Ground Alliance		1,000	1,000	_
International Association of Public Participation		715	715	_
NTEA (Association for the Work Truck Industry)		600	600	-
National Energy & Utility Affordability Coalition		500	500	 =
Total Company-wide Memberships	\$	152,065	\$ 170,265	\$ 18,200
Total MEMBERSHIPS- Funded by MUD	\$	190,485	\$ 225,475	\$ 34,990

Memberships Funded by NNG 2023 Budget

	2022 Budget	2023 Budget	Increase (Decrease)
Funded by NNG Marketing Incentive Fund:			
Prosper Omaha	\$ 75,000	\$ 75,000	\$ -
Build Omaha	40,000	10,000	(30,000)
Chamber of Commerce (various municipalities)	33,895	32,342	(1,553)
Metro Omaha Builders Association	25,000	14,670	(10,330)
Natural Gas Vehicles America	18,150	19,500	1,350
Professional Remodeling Organization of Nebraska & Iowa	11,500	12,000	500
Sarpy County Economic Development Corporation	9,935	9,935	-
Metropolitan Area Planning Agency	5,000	5,000	-
Heating Cooling Contractors Association	1,200	1,160	(40)
Green Omaha Coalition	1,500	1,000	(500)
TOTAL MEMBERSHIPS - Funded by NNG	\$ 221,180	\$ 180,607	\$ (40,573)
TOTAL COMPANY-WIDE MEMBERSHIPS	\$ 373,245	\$ 350,872	\$ (22,373)

Professional Services/ Consulting

Professional Services / Consulting Summary

	2022 Budget		2	023 Budget		(Decrease)
President's Office	\$	406,750	\$	227,850	\$	(178,900)
Legal		84,000		90,000		6,000
Human Resources		117,824		128,272		10,448
Enterprise Services		405,000		3,706,296		3,301,296
Accounting & Rates		172,600		120,100		(52,500)
Gas Operations		60,000		70,000		10,000
Business Development		25,000		50,000		25,000
Customer Services		-		24,000		24,000
Information Technology		4,693,016		8,793,336		4,100,320
Water Operations & Central Maintenance						
Florence		1,512,000		148,000		(1,364,000)
Central Maintenance				50,000		50,000
Platte South		1,365,000		1,279,000		(86,000)
Platte West		584,500		860,000		275,500
Water Quality		-		13,500		13,500
Total Water Operations & Central Maintenance		3,461,500		2,350,500		(1,111,000)
Engineering & Infrastructure Integrity						
Infrastructure Integrity		348,000		170,000		(178,000)
Plant Engineering		5,271,000		2,130,000		(3,141,000)
Engineering Design		3,290,000		3,290,000		-
Total Engineering & Infrastructure Integrity		8,909,000		5,590,000	-	(3,319,000)
TOTAL MUD	\$	18,334,690	\$	21,150,354	\$	2,815,664
Subtotal Consulting Expensed in Cost Centers	\$	3,879,179	\$	3,561,842	\$	(317,337)
Subtotal Consulting Included within Capital Projects	\$	14,455,511	\$	17,588,512	\$	3,133,001

	 Total
President's Office	
1. Strategic planning	\$ 100,000
2. Actuarial valuation, pension and OPEB	56,300
3. Outside legal fees	50,000
4. Financial advisory services	10,000
5. Tax and compliance work on bonds	10,800
6. Disclosure compliance services annual fee	 750
Total President's Office	\$ 227,850
Law Department	
1. Other legal (depositions, case filings, etc.)	\$ 48,000
2. Outside legal assistance	42,000
Total Law Department	\$ 90,000
Human Resources	
1. Benefits Consulting	\$ 95,772
2. Actuarial services for retirement plan projections, retiree drug subsidy,	
Qualified Domestic Relations Orders, and any other HR actuarial needs	25,000
3. SPA ad-hoc job evaluations	5,000
4. Bargaining Agreement support	 2,500
Total Human Resources	\$ 128,272

2020 Baaget	rotai	
Enterprise Services		
1. CC1 & CC2 Design Services	\$ 3,000,000	*
2. CC1 & CC2 Project Management Services	310,696	*
3. Roof Design/Const SVC at 3 Pump Stations	114,000	*
4. CC1 Master Planning Services	100,000	
5. Spill Prevention, Control and Countermeasure Services	80,000	
6. Roof Inspections and Maintenance Services	76,600	
7. Headquarters Rooftop Cooling Unit Study	25,000	
Total Enterprise Services	\$ 3,706,296	
Accounting & Rates		
1. Audit of Financial Statements	\$ 75,100	
2. Sales Tax Compliance service	25,000	
3. Additional Audit Work - GASB 87 Implementation and PHMSA Grant	20,000	
Total Accounting & Rates	\$ 120,100	
Gas Operations		
Drawing updates/improvements	\$ 35,000	
2. Maintain/improve programming at LNG/Propane Air plants	 35,000	
Total Gas Operations	\$ 70,000	
Business Development		
Sustainability (District Long Term Initiative)	\$ 50,000	
Total Business Development	\$ 50,000	
Customer Services		
Credit and Risk Management Services	\$ 24,000	
Total Customer Services	\$ 24,000	

9	 Total
Information Technology	
A. Consulting Expensed in IT Cost Centers	
1. S4Hana Roadmap Consulting	\$ 500,000
2. SAP Basis / ABAP/CRM / FICO	378,000
3. Human Capital Management (HCM) / Success Factors (SF) / Employee Central (EC)	252,000
4. Enterprise Architecture	201,600
5. Data Analyst	126,000
6. Integration Specialist	115,920
7. Application Consulting	80,000
8. Security Professional Services	60,000
9. SCADA (Supervisory Control and Data Acquisition) Consulting	40,000
10. Misc under \$100K	45,000
Subtotal Consulting Expensed in IT Cost Centers	\$ 1,798,520
B. Consulting Included within Capital Projects	
1. S4Hana Roadmap Consulting	\$ 6,000,000
2. Time & Attendance Automation	500,000
3. Letters to Doc Presentment	204,816
4. Customer Preferences/Outage Mgmt	100,000
5. Misc under \$100K	190,000
Subtotal Consulting Included within Capital Projects	\$ 6,994,816
Total Information Technology	\$ 8,793,336

5	 Total	
Water Operations & Central Maintenance		
1. Florence		
A. Florence Capital Improvement Plan (CIP)/Site Header Piping	\$ 130,000	*
B. Basin 1, 2, and 3 Rehabilitation	10,000	*
C. SCADA (Supervisory Control and Data Acquisition) programming and maintenance	8,000	
2. Central Maintenance		
A. Vibration Analysis and Reporting	\$ 50,000	
3. Platte South		
A. Various Capital Improvement Plan Project Design Services	\$ 1,164,000	*
B. Development of Platte South Capital Improvement Plan (CIP)	100,000	
C. SCADA (Supervisory Control and Data Acquisition) programming and maintenance	15,000	
4. Platte West - 404 Permit Requirements		
A. Environmental monitoring - wetlands, wetland mitigation sites	\$ 150,000	
B. River gauging station maintenance	35,000	
C. Groundwater sampling	25,000	
5. Platte West		
A. PLC Upgrade Project	\$ 200,000	
B. Platte West Capital Improvement Plan (CIP)/Residuals Handling Evaluation	175,000	*
C. RDM Lime Feed Upgrade	100,000	*
D. SCADA (Supervisory Control and Data Acquisition) programming and maintenance	50,000	
E. Miscellaneous Other Projects	125,000	
5. Water Quality		
A. Laboratory Informatic Management System and On-site software training	\$ 13,500	
Total Water Operations & Central Maintenance	\$ 2,350,500	

2023 Budget		Total	
Engineering & Infrastructure Integrity			•
1. Infrastructure Integrity			
A. Hydraulic Model Utility Network Integration	\$	65,000	
B. Construction Standard Fitness for Purpose Review		50,000	
C. GIS Staff Augmentation		35,000	
D. Project Management Software Integration		20,000	
2. Plant Engineering			
A. Design for various capital improvement projects (based on historical average	\$	1,500,000	*
for last two years - will be included in capital budget as part of underlying projects)			
B. Concrete & soil inspection & testing for Water IR projects		250,000	*
C. Water main inspection work		200,000	*
D. Storm water pollution prevention plan (regulatory compliance requirement)		100,000	*
E. Air emissions compliance		80,000	*
3. Engineering Design			
A. Design cast iron water main replacements and water main extensions (will be included	\$	2,100,000	*
in capital budget as part of underlying projects)		/00 000	*
B. Design Bellevue/PCS Nitrogen water main extension (via single RFP)		600,000	*
C. Design water main replacements and extensions		500,000	*
D. Topographic surveys for internal use in designing water main replacements and extensions		75,000	*
E. Traffic Control Plans fro projecs within City of Omaha	<u> </u>	15,000 5,590,000	. "
Total Engineering & Infrastructure Integrity		3,390,000	•
TOTAL MIID	\$	21 150 354	

Capital Expenditures Water Department

Main Types Included in Capital Expenditures Budget Definitional Information - Water

WCM Main - Water Construction Mains

Construction is necessary for improvement and betterment of the system and may or may not make service available to an unserved area. All costs are borne by the District but are partially recovered through connection charges/impact fees.

WCI Main - Water Cast Iron Main Replacement (Infrastructure Mains)

Replacement of aging, high consequence water infrastructure mains including those made of cast iron and other materials.

WCR Main - Water Construction Relocation

A relocation job required because of a highway, bridge or sewer construction project that involves distances greater than 25 feet. Relocation of less than 25 feet is maintenance, and charged to expense (and therefore, not reflected in the capital budget).

WCC Main - Water Construction Contract

The extension of a main that is requested by a customer; District costs are reimbursed by the "requestor".

WCD Main - Water Construction Developer

Water main extensions for which installation is contracted by a developer, and District costs are reimbursed.

WCP Main - Water Construction Pioneer Main

A pioneer approach main is a main connected to the existing distribution system where adequate capacity is available to meet the requirements of the applicant, and is sized to provide service to the applicant and adjacent areas. It extends to the far end of the property/development to be served. The developer contributes to the cost of these mains.

WMD - Water Main District

A water main district extends water service to partially developed areas involving multiple property ownership. Installation costs are furnished by the District and assessments are levied against the property abutting the main over a ten year period.



Water Department Five Year Projection of Plant Additions and Replacements

(\$ in Millions)

LINE NO			022 DGET	022 Γ/EST	2023 DGET		024 IMATE		025 IMATE	026 IMATE	027 IMATE
	Mains										
1	Water Construction Mains (WCM)	\$	5.8	\$ 5.5	\$ 6.6	\$	3.7	\$	3.9	\$ 4.1	\$ 4.3
2	Water Cast Iron Main Replacement (WCI)		22.4	24.9	23.4		24.3		24.4	24.3	25.7
3	Water Construction Relocation Mains (WCR)		4.2	3.1	4.7		8.7		7.5	5.2	3.5
4	* Water Construction Contract Mains (WCC)		13.3	15.5	21.9		15.2		16.0	16.8	17.6
5	* Water Construction Developer Mains (WCD)		0.5	1.6	1.6		1.7		1.8	1.9	2.0
6	* Water Construction Pioneer Main (WCP)		6.7	8.1	27.3		23.8		21.0	14.8	15.5
7	Water Main District (WMD)				_					 	
	Total Mains		52.9	58.7	85.5		77.4		74.6	67.1	68.6
	Other Distribution System Property										
8	Replacement of Obsolete/Broken Hydrants		0.3	0.1	0.6		0.6		0.6	0.6	0.6
9	Replacement of Obsolete/Broken Valves		0.4	0.3	1.0		0.9		0.9	0.9	0.9
_	Total Other Distribution System Property		0.7	0.4	1.6	-	1.5	-	1.5	 1.5	1.5
	, , ,	-			 					 	
40	Buildings, Land and Equipment		40.5	4.0	16.1		0.0		0.0	4.0	0.0
10	Buildings, Land and Equipment Florence		12.5	1.0			6.6		6.2	1.6	6.2
12	Buildings, Land and Equipment Platte South		3.9	0.6	7.8		7.6		10.6	22.5	18.6
14	Buildings, Land and Equipment Platte West		1.2	0.3	4.4		2.8		0.2		-
16	Buildings, Land and Equipment - Other		5.8	5.7	5.4		9.8		15.0	15.0	-
17	Repumps		8.0	0.1	0.4		1.2		2.3	2.8	3.0
18	Construction Machines		6.9	6.2	7.1		5.5		6.0	5.5	5.5
19	Furniture, Equipment and Miscellaneous		1.7	 1.0	 1.9		1.0		1.0	 1.0	 1.0
	Total Building, Land and Equipment		32.8	 14.9	 43.1		34.5		41.3	 48.4	 34.3
20	WIR Infrastructure Abandonments		8.0	 0.7	 0.7		0.7		0.7	0.7	8.0
21	Salvage Credits on Construction Machines		(0.1)	 (0.1)	(0.1)		(0.1)		(0.1)	(0.1)	(0.1)
	Total Plant Additions and Replacements	\$	87.1	\$ 74.6	\$ 130.8	\$	114.0	\$	118.0	\$ 117.6	\$ 105.1
Fu	nds received on Reimbursable Projects above *	\$	20.2	\$ 34.9	\$ 34.5	\$	34.2	\$	28.5	\$ 27.6	\$ 25.8
	Water cast iron mains/services to be abandoned (miles)		16	16	16		17		17	17	18
* Co	mnonents of certain main types are naid for by customers/developers										

^{*} Components of certain main types are paid for by customers/developers.

Water Department 2023 Project Detail

3 Project Detail	2023	2024	2025		
Buildings, Land & Equipment - Florence Site header and rehab of Basin 6 Primary Cathodic Protection All Other < \$100,000 individually	\$ 14,900,000 900,000 331,000	\$ 5,800,000			
Total Buildings, Land & Equipment - Florence	\$ 16,131,000				
Buildings, Land & Equipment - Platte South Capital Improvement Plan - Construct Capital Improvement Plan - Design All Other < \$100,000 individually	\$ 6,499,000 1,122,000 217,000	\$ 6,145,000 1,417,000	\$ 8,170,000 1,535,000		
Total Buildings, Land & Equipment - Platte South	\$ 7,838,000				
Buildings, Land & Equipment - Platte West Lime grit removal installation Boiler upgrades	\$ 1,879,000 800,000	\$ 800,000			
Residuals handling Outdoor material storage bins Capital Improvement Plan - Design	505,000 350,000 175,000	750,000	250,000		
North & East property fence installation Surge tank repair High service pump director upgrades	150,000 100,000 100,000	150,000			
Generator capacity expansions All Other < \$100,000 individually	50,000 318,000	700,000			
Total Buildings, Land & Equipment - Platte West	\$ 4,427,000				

Water Department 2023 Project Detail

Project Detail	2023			2024	2025
Buildings, Land & Equipment - Other	ф	1 227 500	¢.	440,000	
Various roof replacements/upgrades Walnut Hill Reservoir Roof and Pump Station demolition	\$	1,337,500 1,335,000	\$	142,000	
Design & Construct Highway 370 Booster Pump Station		1,090,000		1,000,000	
Design & Construct West Dodge Zone 3 Pump Station		1,006,000		160,611	
Cornhusker Pump Station Replacement		330,000		100,011	
Field Club Solar Bee		170,000			
Design & Construct SW Reservoir		, <u> </u>		5,000,000	15,000,000
Land Acquisition for future NW Reservoir		-		1,500,000	
All Other < \$100,000 individually		130,000			
Total Buildings, Land & Equipment - Other	\$	5,398,500			
Repumps					
Harney discharge valves replacement	\$	280,000			
Mormon discharge valves replacement		140,000			
All Other < \$100,000 individually		15,000			
Total Repumps	\$	435,000			
Furniture, Equipment and Miscellaneous					
GPS Equipment and implementation	\$	350,000			
Alkalinity & Chlorine Analyzers at Repumps		240,000			
Spotter radar for Platte West wellfields		100,000			
Camera System Lifecycle		200,000			
Leak Loggers		300,000			
Dedicated Work Manager application		150,000			
iHydrant pressure monitoring PCCP main condition monitoring		100,000 100,000			
All Other < \$100,000 individually		399,000			
Total Furniture, Equipment and Miscellaneous	\$	1,939,000			
9-14-14-14-14-14-14-14-14-14-14-14-14-14-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

Water Department 2023 Project Detail

20 i roject Detail	2023	2024	2025		
Construction Machines					
Pipe Bursting Equipment & Trailer - Construction	\$ 750,000				
(2) Crane - Construction	750,000	795,000			
(4) Medium Trenchers - Construction	744,050				
(1) Railcar mover - Florence	520,000				
(1) Track excavator - Construction	400,000				
(4) Kubota R430's - Construction	375,000				
(1) Parallelogram lift - Transportation	375,000				
(2) Large Backhoe - Construction	345,000				
(1) Track loader - Construction	325,000				
(1) Larger Tracked Trencher - Construction	312,500	331,250			
(1) Larger Trencher - Construction	291,000				
(4) Small backhoes - Construction	210,000	445,200	471,912		
(3) 30K trailer - Construction	195,000	206,700			
(1) Mini Excavator - Construction	187,500	198,750	210,675		
(2) Mini Mini Excavator - Construction	175,000				
(1) Used semi tractor chassis - Construction	125,000				
Equipment not specifically budgeted	500,000				
All Other < \$100,000 individually	477,500				
Total Construction Machines	\$ 7,057,550				

Capital Expenditures Gas Department

Main Types Included in Capital Expenditures Budget Definitional Information - Gas

GCM Main - Gas Construction Mains

Construction is necessary for improvement and betterment of the system and may or may not make service available to an unserved area. All costs are borne by the District.

GCI Main - Gas Cast Iron Main Replacement (Infrastructure Mains)

Replacement of cast iron infrastructure mains.

GCR Main - Gas Construction Relocation

A relocation job required because of a highway, bridge or sewer construction project that involves distances greater than 25 feet. Relocation of less than 25 feet is maintenance, and charged to expense (and therefore, not reflected in the capital budget).

GCC Main - Gas Construction Contract

The extension or relocation of a main that is requested by a customer; District costs are reimbursed by the "requestor".

GRM Main - Gas Revenue Main

A Gas main installed under a contract where an allowance for contribution-in-aid of construction is based on incremental net income. If 10 year revenue analysis determines that cost will be recovered, there is no contribution.

Gas Department Five Year Projection of Plant Additions and Replacements

(\$ in Millions)

LINE NO			022 DGET		022 /EST		2023 DGET		024 IMATE		025 IMATE		026 IMATE		027 IMATE
140			DGLI		/L31		DGLI	<u> L31</u>	IIVIATE	LSI	IIVIATE	LSI	IIVIATE	LSI	
1	Gas Construction Mains (GCM)	\$	1.2	\$	0.8	\$	1.7	\$	1.5	\$	1.6	\$	1.6	\$	1.5
2	Gas Cast Iron Main Replacement (GCI)	Ψ	10.5	Ψ	11.6	Ψ.	10.8	Ψ	13.6	Ψ	8.0	Ψ	10.0	Ψ	3.0
3	Gas Construction Relocation Mains (GCR)		3.0		3.1		2.5		3.2		3.2		2.5		2.2
4	Gas Revenue Mains (GRM)		3.9		4.6		2.4		2.2		2.0		2.0		2.0
	Total Mains		18.6		20.1		17.4		20.5		14.8		16.1		8.7
5	Replacement of Small Gas Valves		0.1		0.1		0.1		0.1		0.1		0.1		0.2
	Other Distribution System Property														
6	Metering Equipment		1.8		1.8		1.8		1.8		1.9		2.0		2.0
7	New Services		3.0		2.9		2.8		2.9		3.0		3.0		3.0
8	Leaking Service Replacement		2.0		1.7		1.9		1.9		1.8		1.7		1.6
9	GIR Service Replacements (MUD)		4.3		4.2		4.4		4.4		8.0		1.0		1.8
10	GIR Service Replacements (Contracted)		3.9		1.7		4.3		4.3		4.1		4.0		4.0
11	Regulator Stations Infrastructure														
12	Regulator Stations & Equipment		0.2		0.2		0.3		0.3		0.3		0.3		0.3
	Total Other Distribution System Property		15.2		12.5		15.5		15.6		11.9		12.0		12.7
	Buildings, Land and Equipment														
13	* Buildings, Land and Equipment - LNG/Propane		34.7		36.6		30.4		6.1		0.5		0.2		0.1
14	Buildings, Land and Equipment - All Other		6.3		1.6		11.5		18.0		31.5		6.4		0.1
15	Information Technology		4.4		3.0		7.9		6.5		3.0		3.0		3.0
16	Motor Vehicles		10.0		5.9		11.4		12.0		12.0		12.0		12.0
17	Furniture, Equipment and Miscellaneous		1.4		1.1		0.9		1.0		1.0		1.0		1.0
	Total Buildings, Land and Equipment		56.8		48.2		62.1		43.6		48.0		22.6		16.2
	Major System Retirements														
18	Service Piping Abandonments		0.4		0.4		0.4		0.4		0.3		0.3		0.3
19	GIR Infrastructure Abandonments		1.7		1.8		2.1		2.5		1.5		2.0		0.6
20	Gas Abandonments				2.5		2.5		2.6		2.7		2.8		2.8
21	Salvage Credits on Motor Vehicles		(0.1)		(0.1)		(0.1)		(0.1)		(0.1)		(0.1)		(0.1)
	Total Plant Additions and Replacements	\$	92.7	\$	85.5	\$	100.0	\$	85.2	\$	79.2	\$	55.8	\$	41.4
Fu	nds recovered via Gas Cost Adjustment *	\$	34.7	\$	36.6	\$	30.4	\$	6.1	\$	0.5	\$	0.2	\$	0.1
	Gas cast iron mains/services to be abandoned:														
	Dollars	\$	20.4	\$	19.3	\$	21.6	\$	24.8	\$	14.4	\$	17.0	\$	9.4
	Miles	-	40	-	40	-	40	-	40	-	10	-	10	*	4

^{*} The cost of certain projects is recovered via the Gas Cost Adjustment component of rates shown below. Costs related to LNG plant will be reviewed and may not be recovered as presented on schedule due to the likelihood of bond financing.



Gas Department 2023 Project Detail

3 Project Detail		2023		2024	2025
Buildings, Land & Equipment					
LNG Plant Liquefaction Replacement	\$	20,896,203	\$	3,971,684	
LNG Plant Vaporization expansion		5,816,288			
Construction Center 2.0 - Design and Construct		7,077,007		16,919,254	26,353,105
Construction Center 1.0 - Design and Construct		2,922,993		1,039,576	4,954,906
LNG Replace/relocate Regen heater		2,000,000		2,000,000	
Construction Center 1.0 Renovations/Repairs		600,000			
Propane Air roof replacements		143,000			
Operating Center Reconfiguration		600,000			
Propane Air cavern water pump		148,795			
LNG perimeter security		160,000			
Fire panels - Headquarters/Operations Center/Construction Center		255,000			
Headquarters Walking/Security Guard path		135,000			
Headquarters Eco 24/7 Implementation		205,500			
All Other < \$100,000 individually		969,000			
Total Buildings, Land & Equipment	\$	41,928,786			
Information Technology					
SAP S/4 HANA Conversion	\$	6,000,000	\$	6,000,000	
Network Hardware Lifecyle refresh and upgrades	Ψ	517.433	Ψ	280,000	280,000
Time & Attendance Automation		500,000		_00,000	200,000
SCADA (Supervisory Control and Data Acquisition) Hardware & Software Upgrade	€	250,000		250,000	250,000
SAP Invoice Redesign		204,816		,	,
Audio/Video upgrades		130,000			
Customer Preferences / Outage Management		100,000			
All Other < \$100,000 individually		161,520			
Total Information Technology	\$	7,863,769			

Gas Department 2023 Project Detail

3 Project Detail	2023	2024	2025
Motor Vehicles			
(25) Transit Van for Field Service	\$ 1,300,000		
Transit Vans replacements	1,200,000	250,000	260,000
Crew Truck replacements - Construction	1,000,000	1,250,000	1,250,000
Cube Vans for Various Departments	900,000	350,000	350,000
1/2 Ton Pickup replacements	875,000	950,000	500,000
1 1/2 Ton Pickup replacements	810,000	350,000	360,000
Compact SUV replacements	562,500	125,000	130,000
Tandem Axle Dumptruck - Construction	500,000	500,000	275,000
Single Axle Dumptruck - Construction	450,000	450,000	250,000
Compact Pickup replacements	425,000	150,000	155,000
(3) Pipe Tractors - Construction	385,000		
(20) 1/2 Ton Pickups for Various Departments	300,000		
Sedan replacements	300,000	325,000	150,000
(1) CNG Bottle Trailer	250,000		
(1) Crew Truck with Crane - Construction	200,000	240,000	
(1) Crew Truck with Crane - Water Distribution	200,000	240,000	
(2) Steamer Truck Bodies	200,000		
All Other < \$200,000 individually	1,589,500_		
Total Motor Vehicles	<u>\$ 11,447,000</u>		
Furniture, Fixtures and Equipment			
Large Swing Lathe	\$ 249,228		
Tracstar Fusion Machine	135,000		
Locating Machines	100,000		
Sensit LZ-50 Laser Leak Indicators	100,000		
All Other < \$100,000 individually	352,140		
Total Furniture, Fixtures and Equipment	\$ 936,368		

METROPOLITAN UTILITIES DISTRICT