

BOARD OF TRUSTEES
Regular Meeting Agenda
205 East State Street
SEPTEMBER 20, 2022 12:00 Noon

1. Roll Call
2. Approval of Agenda
3. Public Comment Period
4. **Decision:** Consent Agenda
 - a. Approval of Regular Meeting Minutes of August 18, 2022
 - b. Approval of Bill Schedule #716 Totaling \$1,326,898.10
 - c. Departmental Reports
 - d. Approval of accounts with unpaid rates or charges that are eligible to be certified to become a lien upon real estate
5. **Decision:** Review and approval of Monthly Financial Statement, Investment Report and Capital Report
6. **Decision:** Review and approval of bid for 2022-2023 Carbon Dioxide
7. **Decision:** Amend Fiscal Year 2023 Capital Improvement Plan
8. **Decision:** Review and approve amended LRE Proposal for the construction and testing of a test well to account for increased expenses due to inflation in the amount of \$3,654.00
9. **Decision:** Review and approval of Payment No 2 for the South Street Water Main Replacement Project in the amount of \$374,030.61
10. **Decision:** Review and approval of Resolution to Accept Installation of Water Main at Glenwood Park 7th Addition into the Water Works Utility System of the City of Marshalltown, Iowa
11. **Decision:** Review and approval of HCI50158 Investment LLC Developer Agreement for S 7th Ave Development
12. **Discussion:** Staffing
13. **Closed Session:** *Pursuant to Section 20.17 Subsection 3 of the Code of Iowa concerning Strategy Meeting of the Public Employer for Collective Bargaining Purposes*
14. Set date and time for next regular meeting

MARSHALLTOWN WATER WORKS BOARD OF TRUSTEES
REGULAR BOARD MEETING
August 18, 2022 12:00 Noon
205 East State Street

1. ROLL CALL: PRESENT: Trustees: Mack, Young, Eilers
 ABSENT: None

2. There was a motion by Trustee Mack and a second by Trustee Young to approve the Agenda.

ROLL CALL VOTE: AYES: Trustees: Mack, Young, Eilers
 NAYS: None

3. Public Comment Period – There were no members of the public present and General Manager Lovell reported that no written comments had been received.

4. There was a motion by Trustee Young to approve the Consent Agenda: Approval of Regular Board Meeting Minutes of July 19, 2022; Approval of Bill Schedule #715 totaling \$1,212,262.17; Departmental Reports; Approval of accounts with unpaid rates or charges that are eligible to be certified to become a lien upon real estate. There was a second by Trustee Mack

ROLL CALL VOTE: AYES: Trustees: Mack, Young, Eilers
 NAYS: None

5. The Board reviewed the monthly financial statement, investment report and capital report. There was a motion by Trustee Young and a second by Trustee Mack to approve the reports and place them on file.

ROLL CALL VOTE: AYES: Trustees: Mack, Young, Eilers
 NAYS: None

6. The Board reviewed Resolution Approving Task Order 5 for Engineering Services Agreement for the Design and Construction of New Reverse Osmosis (RO) Membrane Treatment Process Train with HDR Engineering, Inc. for an amount not to exceed \$4,057,641.00. There was a motion by Trustee Mack and a second by Trustee Young to approve Resolution Approving Task Order 5 for Engineering Services Agreement for the Design and Construction of New Reverse Osmosis (RO) Membrane Treatment Process Train with HDR Engineering, Inc. for an amount not to exceed \$4,057,641.00.

ROLL CALL VOTE: AYES: Trustees: Mack, Young, Eilers
 NAYS: None

RESOLUTION APPROVING TASK ORDER 5 FOR ENGINEERING SERVICES AGREEMENT FOR THE DESIGN AND CONSTRUCTION OF NEW REVERSE OSMOSIS (RO) MEMBRANE TREATMENT PROCESS TRAIN WITH HDR ENGINEERING, INC. IN AMOUNT NOT TO EXCEED \$4,057,641.00

WHEREAS, the Marshalltown Water Works Board of Trustees, Marshalltown, Iowa, has heretofore entered into a contract with HDR Engineering, Inc for engineering services.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE MARSHALLTOWN WATER WORKS, MARSHALLTOWN IOWA:

Section 1. That Task Order 5 for the Design and Construction of New Reverse Osmosis (RO) Membrane Treatment Process Train, in the amount of \$4,057,641.00 is hereby accepted and approved.

Passed this 18th day of August 2022, and signed this 18th day of August 2022.

7. The Board reviewed an agreement with Terracon Consultants, Inc. for Geotechnical Engineering Services for an estimated amount of \$21,300. There was a motion by Trustee Young and a second by Trustee Mack to approve an agreement with Terracon Consultants, Inc. for Geotechnical Engineering Services for an estimated amount of \$21,300.

ROLL CALL VOTE: AYES: Trustees: Mack, Young, Eilers
NAYS: None

8. The Board reviewed Application for Payment No. 1 for the South Street Water Main Replacement Project in the amount of \$195,619.55 to Hurst & Sons Contractors Inc. There was a motion by Trustee Mack and a second by Trustee Young to approve Application for Payment No. 1 for the South Street Water Main Replacement Project in the amount of \$195,619.55 to Hurst & Sons Contractors Inc.

ROLL CALL VOTE: AYES: Trustees: Mack, Young, Eilers
NAYS: None

9. The Board reviewed a request from Alliant Energy for an easement at 207 E State Street for placement of electrical infrastructure. There was a motion by Trustee Young and a second by Trustee Mack to approve the request from Alliant Energy for an easement at 207 E Sate Street.

ROLL CALL VOTE: AYES: Trustees: Mack, Young, Eilers
NAYS: None

10. The Board reviewed roofing contract with A-1 Coatings & Roofing, LLC in the amount of \$183,896.65 for the 2022-2023 Water Treatment Plant Roofing Project. There was a motion by Trustee Young and a second by Trustee Mack to approve the roofing contract

with A-1 Coatings & Roofing, LLC in the amount of \$183,896.65 for the 2022-2023 Water Treatment Plant Roofing Project

ROLL CALL VOTE: AYES: Trustees: Mack, Young, Eilers
NAYS: None

The Board set the date for the next regular Board meeting as September 20, 2022, at noon at the Marshalltown Water Works office at 205 E State St.

The Board adjourned.

Respectfully submitted,

Shelli Lovell
Secretary

**MARSHALLTOWN WATER WORKS
BILL SCHEDULE # 716
BILLS TO BE PAID
AUGUST 2022**

Arnold Motor Supply	hoses,labor,hydraulic filter,plier, wrench, fluid,thread locker,grease fittings,brake cleaner,pads,glass cleaner,rags,DEF,grease	1,714.95
Automatic Systems Co	repair - Grundy pit communication	437.50
Brown Winick Law	legal fees	560.97
Central Iowa Farm Store	snap ring	4.88
Central Iowa Machine Shop	on site welding - air tank & gate latch	112.50
Cessford Construction Company	stone	86.08
Clappsaddle-Garber	recording fees - 5th & 6th Sts	34.00
Column Software PBC	public notifications	212.77
Computer Resource Specialists	resolve issues with credit card readers	45.00
CTI Ready mix	concrete	3,059.51
Ethanol Products LLC	CO2	5,316.85
Fastenal Company	marking paint	41.80
Ferguson Waterworks	meters	9,454.68
Fisher Scientific Company LLC	lab supplies	413.40
Grainger	air filters,safety signs,tags,lab supplies, gaskets	1,225.44
Hach Company	membrane replacement kit,lab supplies	4,405.06
Hawkins Inc	CL2,flouride,poly phosphate	10,264.55
Hupp Electric	spares for phoshate	597.10
John Deere Financial T	trimmer line,T-posts,screws,chest waders,jacket,muffler cap,grass seed, mulch,gloves,oil,nozzle,fence staples, gasket	521.10
John Deere Financial V	housing,trimmer line,filter,cap,fuel mix, flat tire	304.92
Labstrong Corp	lab supplies	463.19
Logan Contractors Supply Inc	rebar	563.76
Malloy Industrial Services	start capacitors	15.90
Manatt's Inc	concrete	690.20
Marshalltown Chamber of Commerce	leadership	750.00

MC2 Inc	roller assembly,pinch tubes	3,349.79
McAtee Tire Sales	tire repairs,battery,brakes	1,286.74
McClure Engineering	engineering fees - South St	2,941.46
McMaster-Carr Supply Co	tube fittings	175.27
Menards	pipe wrap,anti freeze,knife,lag screws,pesticide,lumber,bungee,cap, duct tape,gatorade,levels,trowel,grass seed, blocking, soap, batteries, anchor,trimmer wire, supplies for fence repair,truck tool box, pick up & reach tool,straw,T-posts, post driver, cleaners,safety glasses,brush, jumper cables,bushings, adapter,connector	1,836.39
Minute Man Inc	paper,misc office supplies,clips,finger moistener	225.03
Mississippi Lime Company	lime	50,541.41
Municipal Supply Inc	saddles,curb stops,pipe,gaskets, clamps,bolts,plugs,corps,wire,fire hydrants, valve box riser	31,219.81
Nelson Fabrication, LLC	hose,seal lock,SG-OFFS45-1216	153.71
Neuroth Trucking LLC	1" clean rock-trucking 5th Ave/South St	2,677.77
Plumb Supply	PFTE,seal comp,curb boxes, couplings,ros,nipple,blue monster,seal compound,cutter,sillock key	392.22
Rasmusson Service Center	labor,filter assembly,oil - backhoe	750.89
Safety Solutions	safety training	500.00
Spahn & Rose Lumber Co	lumber	13.63
Star Equipment LTD	excavator rent	15,525.00
Storey Kenworthy	past due notices,paper	585.98
Strands	brushes & fire hydrant paint	188.30
Tele-Difference	phone	75.00
Times Republican	public notifications	359.44
Titan Machinery	rings,assemblyglass>window,beacon light,joysticks	1,757.20
Tyler Technologies Inc	annual fees & subscriptions-software maintenance	64,700.72
Water ISAC	membership dues	275.00
Total		220,826.87

**MARSHALLTOWN WATER WORKS
BILL SCHEDULE # 716
BILLS PAID
AUGUST 2022**

Aflac	employee deduction	343.34
Alliant Energy	gas & electricity	1,184.03
Alliant Energy	gas & electricity	50,256.24
Alliant Energy	gas & electricity	1,080.96
American Express	credit card fees	1.00
American Express	credit card fees	8.00
American Water Works Iowa	registration	480.00
American Water Works Iowa	registration	420.00
Cardmember Services	monitor,badge holders,food, table cover,screen protector, virtual mtg/website/email, binders,lab supplies,1st aid supplies,ink cartg,battery backup,ext back-ups,stapler, splitter,grease,metal det, registration,travel	2,496.10
City of Marshalltown	sewer receipts - July 2022	392,058.83
City of Marshalltown	Storm Sewer receipts - July 2022	87,613.97
City of Marshalltown	Landfill receipts July 2022	10,689.68
Consumers Energy	electricity	59.00
Deborah McElroy	deductible paid	776.27
Delta Dental of Iowa	employee dental insurance	405.12
Doug Knoll	deductibles paid	1,620.78
Edward Phillips	deductible paid	214.43
Health Savings Account	employee deductions	195.00
Health Savings Account	employee deductions	195.00
Heart of Iowa Communications	phone & internet service	527.13
Hurst & Sons	South Street Payment 1	195,619.55
IMWCA	Workmans Comp insurance #2	1,515.00
Internal Revenue Service	withholding taxes	18,004.52
Internal Revenue Service	withholding taxes	16,247.20
Iowa One Call	locating services 326/8	301.40
IPERS	employee pension	12,555.08
Isolved Benefit Services WDM	employee deductions	216.34

Jared Wall	deductible paid	180.00
Jared Wall	deductible paid	40.00
Jeffery Mahoney	deductibles paid	569.00
Jon Rueter	deductibles paid	130.96
Josefina Lopez	cc double payment return	172.11
Karl Chevrolet	2022 Colorado Chevrolet pickup	26,149.10
Kim Carter	office cleaning July 2022	500.00
Lincoln National Life Insurance	employee life insurance	429.16
Marshall County Engineers Office	fuel - July 2022	3,733.78
Marshalltown Area United Way	employee contributions	34.00
Marshalltown Water Works	stormsewer	172.00
Merchant Services 88	credit card fees - web/phone	201.40
Merchant Services 93	credit card fees - office	159.28
Mike Ellis	deductible paid	502.00
Mike Ellis	deductible paid	90.00
Moler Sanitation	garbage service	109.00
payroll	payroll	43,830.98
payroll	payroll	3,774.86
payroll	payroll	43,338.07
Pitney Bowes Bank Inc Res	postage	3,300.00
Shomo-Madsen Insurance	insurance added-2022 Chevy	510.00
Stone Sanitation	garbage service	171.21
Thla Pen	cc overpayment return	147.40
Treasurer State Of Iowa	water service excise tax	28,936.91
Treasurer State Of Iowa	sales tax	9,944.08
Treasurer State of Iowa	state tax withholding	5,665.00
Tyler	credit card fees	716.91
Tyler	credit card fees	2,350.79
United Bank & Trust	returned Nacha	127.67
United Bank & Trust	bank fee	6.00
United Bank & Trust	pension 3,300.27 +5,000.00	8,300.27
United Bank & Trust	returned check	389.29
United Bank & Trust	bank fee	6.00
United Bank & Trust	returned check	91.20
United Bank & Trust	bank fee	6.00
United Bank & Trust	returned check	93.24

United Bank & Trust	bank fee	6.00
United Bank & Trust	returned Nacha	170.22
United Bank & Trust	bank fee	6.00
United Bank & Trust	pension 3,307.33 + 5,000.00	8,307.13
United Bank & Trust	returned Nacha	112.40
United Bank & Trust	bank fee	6.00
United Bank & Trust	returned Nacha	139.83
United Bank & Trust	bank fee	6.00
United Bank & Trust	returned Nacha	121.59
United Bank & Trust	bank fee	6.00
United Bank & Trust	returned Nacha	81.73
United Bank & Trust	bank fee	6.00
UPS	postage	10.90
US Cellular	internet service	39.23
Wellmark Bluecross Blue Shield	Employee Health Insurance	16,789.19
Wulfekuhle	lime sludge removal	100,000.00
Zach Maxfield	mileage	110.40
Soe Hla Maung	deposit return	5.83
Gabriel S Williams	deposit return	24.18
Raphael Nascimento	deposit return	53.00
Ashley A Hoskins	deposit return	107.96
Total		1,106,071.23

**CUSTOMER SERVICE
MONTHLY REPORT
FOR THE MONTH OF
August 2022**



ACTIVITY	THIS MONTH	THIS MONTH LAST YEAR	2022-2023 FISCAL YEAR
SERVICE CALLS	337	414	459
METERS REPAIRED	0	0	0
REPLACED FROZEN METER	1	1	1
DELINQUENT TAGS	105	185	304
METER SET	6	0	7
TURN OFF FOR NON PAYMENTS	67	49	155
READ AND LEAVE ON - OCCUPANT CHANGE	127	120	303
	643	769	1229

DISTRIBUTION
Marshalltown Water Works
Board Report
September 20th, 2022

PROJECTS

1. Washington Street - Replace 6" water main with 8" from 6th to 9th Street
 - a. Project completed - All services have been installed and old watermain has been killed

2. City Storm Sewer Project- Realign water main as needed
 - a. The last of the water main reroutes have been completed for this project

3. 5th and 6th Avenue – Replacement of water main
 - a. Have begun laying new water main on 5th Ave
 - b. MWW has laid 1000' of new water main

4. W South Street – Project was awarded to Hurst and Sons
 - a. Hurst and Sons began work on July 25th
 - b. All water main has been laid, and the 6th St tie in is complete
 - c. Working on connecting services and last tie in's

5. State Street- Total reconstruction of all utilities and street from 3rd Ave to 3rd Street
 - a. Project has been awarded to Con-Struct
 - b. Start date has not been determined

6. Edgewood- Realign water main as needed, install more than 2,000 feet of 12" watermain
 - a. Project has been awarded to Con-Struct
 - b. 8" watermain has been lowered in
 - c. New 12" water main has been run across Marion St near 8th Ave

MAIN BREAKS

1. July 28th 2022, 12th Ave and State St., crack - cause unknown
2. August 9th 2022, Ingledue and 4th street, crack caused by water hammer
3. August 9th 2022, Ingledue and 4th street, sheer break caused by water hammer
4. August 10th 2022, 6th St and High St., crack caused by water hammer
5. August 31st 2022, E State St and 10th Ave, crack, cause unknown, replaced valve

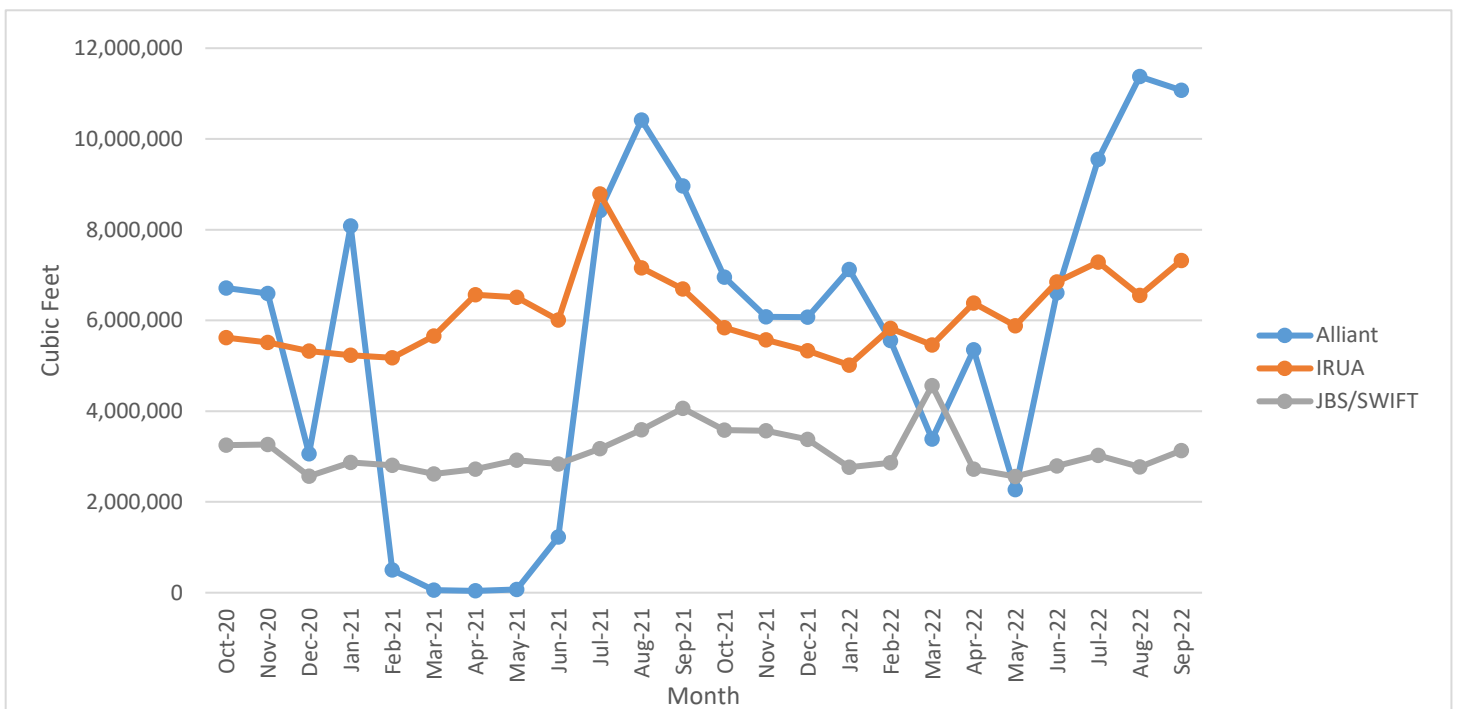
Facilities
Marshalltown Water Works
Board Report
September 19, 2022

1. **Remote PLC Upgrade** - still waiting on antenna replacement information, the panels are built and on site. They have updated software on the Scada computers and completed of the supportive programming.
2. **Plant Roof** – Start date has not yet been set.
3. **Clean up** - We have been working on getting fencing repairs completed, signage replaced, and cleaning up around the ground storage tanks. We are improving the appearance but also attempting to discourage open dumping and squatters.
4. **CO2 project** – We are waiting on contractor scheduling for the electrical as well as the plumbing.
5. **Plowing Association** - The event went very well; the association did an amazing job of cleanup and restoration after the event.
6. **Terracon** has completed the boring exploration for the treatment plant expansion.
7. **HDR** - The kick off meeting for the treatment plant expansion was held on 9/13/22.
8. **HVAC Chiller System** - We are still waiting on a new compressor; delivery has been delayed.

MWW Largest Users Monthly Report

August 2022 Board Report

	ALLIANT	IRUA	JBS/SWIFT
Bill Date	Cubic Feet	Cubic Feet	Cubic Feet
Oct-20	6,713,000	5,623,584	3,248,400
Nov-20	6,592,900	5,516,649	3,266,100
Dec-20	3,060,000	5,325,064	2,564,300
Jan-21	8,083,000	5,232,350	2,871,500
Feb-21	501,800	5,174,895	2,808,600
Mar-21	60,000	5,653,941	2,617,200
Apr-21	39,400	6,564,326	2,725,600
May-21	71,500	6,511,536	2,918,000
Jun-21	1,226,200	6,008,087	2,833,100
Jul-21	8,422,700	8,784,212	3,171,000
Aug-21	10,413,500	7,155,671	3,586,600
Sep-21	8,962,400	6,690,138	4,059,900
Oct-21	6,951,300	5,837,785	3,580,500
Nov-21	6,083,000	5,574,778	3,570,400
Dec-21	6,071,900	5,330,254	3,375,200
Jan-22	7,126,500	5,017,271	2,766,500
Feb-22	5,559,300	5,822,931	2,860,700
Mar-22	3,388,900	5,460,013	4,565,800
Apr-22	5,353,800	6,385,931	2,721,400
May-22	2,267,800	5,878,866	2,561,200
Jun-22	6,609,800	6,845,401	2,790,900
Jul-22	9,552,600	7,284,903	3,028,400
Aug-22	11,374,300	6,555,263	2,774,300
Sep-22	11,072,100	7,319,703	3,133,100



PROPERTY TAX LIENS TO CERTIFY - SEPTEMBER 2022

PROPERTY OWNER NAME	ADDRESS TO LIEN	AMOUNT
Armas, Esmeralda	615 W State St	\$24.17
Hernandez, Ernesto & Daisy	308 N 2nd St	\$130.61
Morales Fonseca, Janet	212 Young St	\$172.91
	TOTAL	\$327.69

SEWER DEPOSIT ACCOUNT
Activity for August
2022

Balance on August 1	\$143,533.49
Deposits for August	\$8,495.00
Interest paid to the City of Marshalltown Check # 2555	\$28.49
Deposit refund for application to the Marshalltown Water Works Check # 2556	\$6,930.00
Interest for August	\$33.55
Balance on August 31	\$145,103.55

MARSHALLTOWN WATER WORKS

**Compiled Financial Statements
And Supplementary Information**

**For the One Month Ended
August 31, 2022**



INCOME STATEMENT

AUGUST 31ST, 2022

	CURRENT PERIOD ACTUAL	Y-T-D ACTUAL	ANNUAL BUDGET	Y-T-D PCT	CURRENT PERIOD PRIOR YEAR	Y-T-D PRIOR YEAR
<u>OPERATIONAL</u>						
RESIDENTIAL	219,851.69	418,831.59	1,916,565.54	21.85	211,363.45	395,626.06
MULTI-FAMILY	27,174.21	49,061.13	225,553.12	21.75	25,231.54	45,022.67
COMMERCIAL	73,309.49	124,771.98	542,073.25	23.02	70,325.64	117,432.19
IRRIGATION	17,405.89	29,266.41	96,552.26	30.31	28,336.48	52,721.69
INDUSTRIAL	315,802.36	598,543.95	2,312,424.96	25.88	285,756.63	527,352.48
WHOLESALE	125,661.19	238,245.85	960,080.53	24.82	105,484.40	218,277.67
NON-METERED	242.94	562.96	1,579.34	35.65	139.99	139.99
TOTAL OPERATING REVENUE	779,447.77	1,459,283.87	6,054,829.00	24.10	726,638.13	1,356,572.75
<u>NON-OPERATIONAL</u>						
CITY CONTRACT SERVICES	7,048.89	13,705.08	80,000.00	17.13	7,068.04	13,726.88
PENALTIES	5,145.87	9,414.28	30,000.00	31.38	3,703.40	9,638.02
CUSTOMER SERVICES	1,359.00	2,708.00	10,000.00	27.08	1,184.00	2,213.00
TESTING LABORATORY	355.50	586.65	3,000.00	19.56	316.00	640.50
MERCHANDISE SALES	0.00	450.20	300.00	150.07	149.83	282.27
INTEREST	1,549.04	2,871.52	30,000.00	9.57	1,809.21	2,881.65
RENTALS	0.00	0.00	4,000.00	0.00	0.00	0.00
MISC INCOME	4,104.14	7,641.32	20,000.00	38.21	3,357.02	7,410.68
TIMBER SALES	0.00	0.00	0.00	0.00	0.00	0.00
CONNECTION FEES	6,239.00	15,309.00	20,000.00	76.55	515.00	2,056.00
TAPPING FEES	4,028.00	4,433.00	2,000.00	221.65	311.00	716.00
TOTAL NON-OPERATIONAL SALE	29,829.44	57,119.05	199,300.00	28.66	18,413.50	39,565.00
TOTAL REVENUE	809,277.21	1,516,402.92	6,254,129.00	24.25	745,051.63	1,396,137.75
<u>OPERATING EXPENSES</u>						
SALARIES AND WAGES	132,798.44	260,828.75	1,332,038.00	19.58	100,987.52	200,880.13
PAYROLL TAXES & BENEFITS	46,167.62	93,500.82	554,053.00	16.88	40,763.89	81,549.88
OPTIONAL BENEFITS	6,235.57	11,169.13	74,725.00	14.95	2,848.01	5,267.51
UTILITIES	53,348.53	119,541.35	559,610.00	21.36	38,131.27	85,572.27
FUELS	7,411.54	12,242.55	25,625.00	47.78	1,941.45	4,971.23
SUPPLIES	24,934.59	40,905.98	263,050.00	15.55	12,788.97	31,836.05
MAINTENANCE	19,483.89	26,986.55	262,034.00	10.30	45,156.80	69,998.82
CHEMICALS	71,815.66	122,114.64	681,421.00	17.92	54,958.21	120,049.37
CONTRACT SERVICES	73,869.66	146,493.70	963,000.00	15.21	5,987.38	83,029.35
OTHER OPERATING EXPENSES	0.00	0.00	0.00	0.00	0.00	0.00
DEPRECIATION	42,691.55	85,383.10	456,259.00	18.71	45,517.38	85,002.94
TOTAL OPERATING EXPENSE	478,757.05	919,166.57	5,171,815.00	17.77	349,080.88	768,157.55
MISCELLANEOUS EXPENSES	0.00	225.00	100,900.00	0.22	0.00	225.00
ECONOMIC DEVELOPMENT	184.00	184.00	10,000.00	1.84	0.00	0.00
TOTAL NON-OPERATING EXPENSE	184.00	409.00	110,900.00	0.37	0.00	225.00
TOTAL EXPENSES	478,941.05	919,575.57	5,282,715.00	17.41	349,080.88	768,382.55
INCR(DEC) RETAINED EARNINGS	330,336.16	596,827.35	971,414.00	61.44	395,970.75	627,755.20

DETAILED WATER WORKS BALANCE SHEET

BALANCE SHEET

AS OF: AUGUST 31ST, 2022

1 -WATER FUND

ACCOUNT#	TITLE	
ASSETS		
=====		
	CASH ON HAND	938.00
	PETTY CASH	300.00
	CASH IN BANK	6,114,714.48
	LESS : SINKING FUNDS	(550,178.10)
	SEWER DEPOSIT FUND	0.00
	SEWER CASH	0.00
	STORM SEWER CASH	0.00
	LANDFILL CASH	0.00
	ACCOUNTS RECEIVABLE	469,479.12
	ACCOUNTS RECEIVABLE-AMP	(1,330.95)
	UNAPPLIED CREDITS	(60,710.41)
	OTHER A/R	0.00
	NON CURRENT RECEIVABLES	(1,542.18)
	MISC AR BILLINGS	134,664.04
	MISC AR UNAPPLIED CREDITS	(89,827.22)
	INTEREST RECEIVABLE	933.74
	CONTRACT RECEIVABLE	0.00
	PREPAID INSURANCE	38,621.18
	UNFINISHED CAP PRO	0.00
	PREPAID BILLING SUPPLIES	2,674.31
	MERCHANDISE FOR RESALE	(910.00)
	PREPAID LIME SLUDGE	(541,151.90)
	PREPAID COMPUTER MAINT	23,415.30
	PREPAID HEALTH INS	0.00
	DERECHO DAMAGER TRACKING ACCT	(370,441.89)
	SINKING FUND	550,178.10
	TEMP CASH INVESTMENT	300,000.00
	LESS IMPROVEMENT FUND ALLOCATI	0.00
	LESS RESERVE FUND ALLOCATION	0.00
	CAPITAL RESERVE INVESTMEN	500,946.14
	IMPROVEMENT FUND	(100,000.00)
	RESERVE FUND	0.00
	ECONOMIC DEVELOPEMENT FUND	0.00
	INVENTORY	0.00
	LAND	1,115,720.58
	PLANT & SOURCE OF SUPPLY	19,351,773.76
	ACCUMULATED DEPR - PLANT	(10,779,816.50)
	DISTRIBUTION SYSTEM & PIPE	14,913,379.61
	ACCUM DEPR DISTRIBUTION	(4,392,120.32)
	METERS	1,550,749.33
	ACCUM DEPR - METERS	(1,220,356.00)
	MACHINE & EQUIPMENT	451,764.83
	ACCUM DEPR - MACH & EQUIP	(399,066.00)
	VEHICLES	348,533.50
	ACCUM DEPR - VEHICLES	(234,429.51)
	CAPITAL IMPROVEMENTS	113,916.16
	ACCUM DEPR - CAPITAL IMPROVEME	(93,413.72)
	CAPITAL IMPROV - BUILDINGS	820,425.67
	ACCUM DEPR - BUILDINGS	(471,245.71)
	OFFICE EQUIPMENT	450,673.48

BALANCE SHEET

AS OF: AUGUST 31ST, 2022

1 -WATER FUND

ACCOUNT#	TITLE		
ACCUM DEPR - OFFICE EQUIPMENT		(404,687.15)	
BOOSTER STATION		220,652.58	
ACCUM DEPR - BOOSTER STATION		(97,417.18)	
BOND ORIGINATION FEE		<u>0.00</u>	
			<u>27,665,809.17</u>
TOTAL ASSETS			27,665,809.17
			=====
LIABILITIES			
=====			
ACCOUNTS PAYABLE		123,580.46	
A/P PENDING		0.00	
PAYABLE TO SEWER FUND		0.00	
PAYABLE TO STORM SEWER FUND		0.00	
PAYABLE TO LANDFILL FUND		0.00	
PAYABLE TO METER DEPOSIT FUND		0.00	
DEFERRED AMP REVENUE		33.59	
CUSTOMER DEPOSITS - SEWER		0.00	
CURRENT REFUNDS PAYABLE		5,904.72	
BOND INTEREST PAYABLE		9,299.00	
FEDERAL WITHHOLDING		0.00	
FICA/MED WITHHOLDING		2,786.26	
STATE WITHHOLDING		0.00	
UNITED WAY		0.00	
UNION DUES		0.10	
INS WITHHELD		0.00	
PRETAX INSURANCE WITHHELD		219.85	
UNREIMB MEDICAL		0.00	
DEP CHILD CARE		0.00	
PENSION		1,557.46	
IPERS		1,915.19	
COBRA		0.00	
WATER WORKS INS PORTION		0.00	
INS DEDUCTIBLE WITHHELD	(9,391.93)	
VOLUNTARY LIFE INSURANCE	(4.58)	
CHILD SUPPORT		0.00	
AFLAC		0.00	
DENTAL INSURANCE WITHHELD		12.42	
VISION INSURANCE WITHHELD		0.00	
ACCRUED VACATION		107,071.39	
ACCRUED PAYROLL		38,240.66	
HSA		0.00	
ACCRUED SALES TAX		36,575.71	
AR MISC STATE SALES TAX		222.09	
AR MISC CITY SALES TAX		37.00	
AR MISC SCHOOL SALES TAX		0.00	
CURRENT PORTION OF LT DEBT		0.00	
WA REVENUE CAPITAL LOAN NOTE		5,330,000.00	
LESS : CURRENT PORTION		<u>0.00</u>	
TOTAL LIABILITIES			<u>5,648,059.39</u>

BALANCE SHEET

AS OF: AUGUST 31ST, 2022

1 -WATER FUND

ACCOUNT#	TITLE		
<hr/>			
EQUITY			
=====			
	RETAINED EARNINGS	<u>19,279,891.91</u>	
	TOTAL BEGINNING EQUITY	19,279,891.91	
	TOTAL REVENUE	8,567,323.64	
	TOTAL EXPENSES	<u>5,829,465.77</u>	
	TOTAL REVENUE OVER/(UNDER) EXPENSES	2,737,857.87	
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	<u>22,017,749.78</u>	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		27,665,809.17
			=====

DETAILED POOLED CASH

BALANCE SHEET

AS OF: AUGUST 31ST, 2022

9 -POOLED CASH

ACCOUNT#	TITLE		
<hr/>			
ASSETS			
=====			
	POOLED CASH	6,881,400.53	
	POOL CASH - SW DEPOSITS	151,560.00	
	DUE FROM WATER FUND	0.00	
	DUE FROM SEWER FUND	0.00	
	DUE FROM STORM SEWER FUND	0.00	
	DUE FROM LANDFILL FUND	0.00	
	DUE FROM SW MTR DEPOSIT	<u>0.00</u>	
		<u>7,032,960.53</u>	
	TOTAL ASSETS		7,032,960.53
			=====
LIABILITIES			
=====			
	ACCOUNT PAYABLE	0.00	
	DUE TO OTHER FUNDS	6,888,330.53	
	DUE TO SW MTR DEPOSITS	144,630.00	
	WAGES PAYABLE	0.00	
	HSA	0.00	
	ACCRUED SALES TAX	<u>0.00</u>	
	TOTAL LIABILITIES	<u>7,032,960.53</u>	
EQUITY			
=====			
	RETAINED EARNINGS	<u>0.00</u>	
	TOTAL BEGINNING EQUITY	0.00	
	TOTAL REVENUE	0.00	
	TOTAL EXPENSES	<u>0.00</u>	
	TOTAL REVENUE OVER/(UNDER) EXPENSES	0.00	
	TOTAL EQUITY & REV. OVER/(UNDER) EXP.	<u>0.00</u>	
	TOTAL LIABILITIES, EQUITY & REV.OVER/(UNDER) EXP.		7,032,960.53
			=====

MARSHALLTOWN WATER WORKS
INVESTMENT BREAKDOWN
AUGUST 31, 2022

ACCOUNT	FUND	AUGUST INTEREST RATE	JULY INTEREST RATE	DATE ISSUED	DATE MATURED	CURRENT VALUE	PREVIOUS VALUE
UNITED BANK & TRUST		0.25%	0.25%	07/01/07	DAILY	\$ 6,845,573.88	\$ 6,790,924.13
UNITED BANK & TRUST - SWEEP ACCT		0.25%	0.25%	07/03/17	DAILY	\$ 1,000.00	\$ 1,000.00
TRANSFER IN TRANSIT(SWEEP TO OP)						\$ 282.72	\$ 2,897.78
CD 54486 (Farmers Savings Bank)	General	0.55%	0.55%	02/19/22	02/19/23	\$ 100,000.00	\$ 100,000.00
CD 1782799 (Pinnacle Bank)	General	0.41%	0.41%	08/25/21	08/25/22	\$ 100,000.00	\$ 100,000.00
CD 1868663 (Pinnacle Bank)	General	0.41%	0.41%	08/31/21	08/31/22	\$ 100,000.00	\$ 100,000.00
CD 180356 (Pinnacle Bank)	Cap Reserve	1.08%	1.08%	06/06/22	12/05/22	\$ 300,000.00	\$ 300,000.00
CD 71416 (Farmers Savings Bank)	General	0.42%	0.42%	09/23/21	09/23/22	100,000.00	100,000.000
SUB TOTAL						\$ 7,546,856.60	\$ 7,494,821.91

CURRENT TOTAL \$7,546,856.60

Current Average Monthly Yield 0.293%

LAST MONTH TOTAL \$7,494,821.91

Last Month Average Monthly Yield 0.294% .

LAST YEAR TOTAL \$6,115,325.96

Last Year Average Monthly Yield 0.283%

MARSHALLTOWN WATER WORKS
CAPITAL IMPROVEMENTS
JULY 1, 2022 - JUNE 30, 2023
AS OF AUGUST 31, 2022

	Project		APPROVED BUDGET			EXPENDITURES			REMAINING
	#		2022-2023	PRIOR YEARS	TOTAL	2022-2023	PRIOR YEARS	TOTAL	EXPENDITURES
1172-000-PLANT & SOURCE OF SUPPLY									
Inspect/Rehab 2 Wells	135	21904	\$200,000.00	\$200,000.00	\$400,000.00	\$11,372.20	\$101,260.01	\$112,632.21	\$287,367.79
Chemical Feed System upgrades	143	12005	\$10,000.00		\$10,000.00				\$10,000.00
Valve and actuator replacement			\$50,000.00	\$100,000.00	\$150,000.00	\$44,714.77	\$39,773.27	\$84,488.04	\$65,511.96
CO2 Feed Upgrades			\$200,000.00	\$200,000.00	\$400,000.00				\$400,000.00
Treatment Expansion	144	12006	\$1,788,686.00	\$196,500.00	\$1,985,186.00	\$12,437.70	\$199,840.77	\$212,278.47	\$1,772,907.53
Copier			\$3,500.00		\$3,500.00				\$3,500.00
Wellfield Expansion	148	22101		\$400,000.00	\$400,000.00	\$3,702.35	\$92,209.35	\$95,911.70	\$304,088.30
PLC Upgrade	136	12002		\$497,271.57	\$497,271.57	\$150,489.00	\$37,344.05	\$187,833.05	\$309,438.52
Plumbing Replacement				\$100,000.00	\$100,000.00	\$10,710.51	\$3,036.82	\$13,747.33	\$86,252.67
Widen Driveway				\$100,000.00	\$100,000.00				\$100,000.00
Roof Replacement	147	12007		\$150,000.00	\$150,000.00		\$1,853.40	\$1,853.40	\$148,146.60
1170-000-LAND									
			\$100,000.00		\$100,000.00				\$100,000.00
1174-000-DISTRIBUTION SYSTEM									
Valve and Hydrant Replacement			\$50,000.00		\$50,000.00	\$3,890.00		\$3,890.00	\$46,110.00
Water Mains: Replace, Extend, Relocate, Loop									
- S 5th and S 6th Avenue Replacement	149	32101	\$150,000	\$50,000	\$200,000.00	\$47,080.52	\$27,459.70	\$74,540.22	\$125,459.78
- W South Street main replacement	82	31401	\$870,000	\$5,000	\$875,000.00	\$210,157.05	\$19,073.70	\$229,230.75	\$645,769.25
- Washington Street main replacement	83	31402		\$78,149.30	\$78,149.30	\$17,732.08	\$76,927.76	\$94,659.84	
City/MWW Projects									
- State Street			\$250,000		\$250,000.00				\$250,000.00
- Realignment for City Storm Sewer	129	31902		\$350,000	\$350,000.00	\$5,988.40	\$60,591.96	\$66,580.36	\$283,419.64
-Edgewood Extension			\$200,000.00		\$200,000.00	\$92.50		\$92.50	\$199,907.50
Paint South Tower Interior	151	42201		\$200,000.00	\$200,000.00		\$14,960.00	\$14,960.00	\$185,040.00
Storage Building			\$200,000.00		\$200,000.00				\$200,000.00
1176-000 - METERS									
- Routine Meter Program			\$200,000.00	\$200,000.00	\$400,000.00	\$40,655.09	\$49,169.97	\$89,825.06	\$310,174.94
- Meter/Touch Pad Upgrade Program			\$450,000.00		\$450,000.00				\$450,000.00
1178-000 - EQUIPMENT									
Dump Truck				\$200,000.00	\$200,000.00				\$200,000.00
1180-000-VEHICLES									
			\$60,000.00	\$40,000.00	\$100,000.00	\$27,119.10		\$27,119.10	\$72,880.90
1182-000-GENERAL									
1184-000-BUILDING									
Generator			\$30,000.00	\$30,000	\$60,000.00		\$1,618.39	\$1,618.39	\$58,381.61
Furnace			\$4,500.00		\$4,500.00	\$6,250.00		\$6,250.00	
Remaining Office Building Interior Updates	137	52001		\$13,485	\$13,485.44		\$10,701.28	\$10,701.28	\$2,784.16
1186-000-OFFICE EQUIPMENT									
Computer Replacements				\$25,000.00	\$25,000.00		\$19,728.43	\$19,728.43	\$5,271.57
Remaining IT Upgrade				\$53,301.06	\$53,301.06	\$4,774.22	\$37,074.78	\$41,849.00	\$11,452.06
Tyler Programming Upgrade				\$79,000.00	\$79,000.00				\$79,000.00
1188-000 BOOSTER STATION									
Total FY 22-23									
			\$4,816,686.00	\$3,267,707.37	\$8,084,393.37	\$597,165.49	\$792,623.64	\$1,389,789.13	\$6,712,864.78

**TABULATION OF BIDS FOR 2022-2023 CARBON
DIOXIDE FOR MARSHALLTOWN WATER WORKS**

BIDDER NAME/ADDRESS	CARBON DIOXIDE
Ethanol Products LLC 3939 N Webb Rd Wichita KS 67226	.10/lb

CERTIFICATION: I hereby certify that this is a true and correct tabulation of the bids received for the letting of 2022-2023 Carbon Dioxide. Recommended low bid is shown in bold. Bids opened September 14, 2022. The contract will be awarded at the Board of Trustees Regular Meeting on September 20, 2022.



Shelli Lovell, General Manager
MARSHALLTOWN WATER WORKS

2021-2022 CONTRACT PRICE

Ethanol Products LLC - \$.0875/lb

MARSHALLTOWN WATER WORKS
 CAPITAL IMPROVEMENTS
 JULY 1, 2022 - JUNE 30, 2023
 AS OF AUGUST 31, 2022

	Project		APPROVED BUDGET			EXPENDITURES			REMAINING
	#		2022-2023	PRIOR YEARS	TOTAL	2022-2023	PRIOR YEARS	TOTAL	EXPENDITURES
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Chemical Feed System upgrades	143	12005	\$10,000.00		\$10,000.00				\$10,000.00
Valve and actuator replacement			\$50,000.00	\$100,000.00	\$150,000.00	\$44,714.77	\$39,773.27	\$84,488.04	\$65,511.96
CO2 Feed Upgrades			\$200,000.00	\$200,000.00	\$400,000.00				\$400,000.00
Treatment Expansion	144	12006	\$1,788,686.00	\$196,500.00	\$1,985,186.00	\$12,437.70	\$199,840.77	\$212,278.47	\$1,772,907.53
Copier			\$3,500.00		\$3,500.00				\$3,500.00
Wellfield Expansion	148	22101		\$400,000.00	\$400,000.00	\$3,702.35	\$92,209.35	\$95,911.70	\$304,088.30
PLC Upgrade	136	12002		\$497,271.57	\$497,271.57	\$150,489.00	\$37,344.05	\$187,833.05	\$309,438.52
Plumbing Replacement				\$100,000.00	\$100,000.00	\$10,710.51	\$3,036.82	\$13,747.33	\$86,252.67
Widen Driveway				\$100,000.00	\$100,000.00				\$100,000.00
Roof Replacement	147	12007		\$150,000.00	\$150,000.00		\$1,853.40	\$1,853.40	\$148,146.60
1170-000-LAND									
			\$100,000.00		\$100,000.00				\$100,000.00
1174-000-DISTRIBUTION SYSTEM									
Valve and Hydrant Replacement			\$50,000.00		\$50,000.00	\$3,890.00		\$3,890.00	\$46,110.00
Water Mains: Replace, Extend, Relocate, Loop									
- S 5th and S 6th Avenue Replacement	149	32101	\$150,000	\$50,000	\$200,000.00	\$47,080.52	\$27,459.70	\$74,540.22	\$125,459.78
- W South Street main replacement	82	31401	\$870,000	\$5,000	\$875,000.00	\$210,157.05	\$19,073.70	\$229,230.75	\$645,769.25
- Washington Street main replacement	83	31402		\$78,149.30	\$78,149.30	\$17,732.08	\$76,927.76	\$94,659.84	
City/MWW Projects									
- State Street			\$250,000		\$250,000.00				\$250,000.00
- Realignments for City Storm Sewer	129	31902		\$350,000	\$350,000.00	\$5,988.40	\$60,591.96	\$66,580.36	\$283,419.64
-Edgewood Extension			\$200,000.00		\$200,000.00	\$92.50		\$92.50	\$199,907.50
Paint South Tower Interior	151	42201		\$200,000.00	\$200,000.00		\$14,960.00	\$14,960.00	\$185,040.00
Storage Building			\$200,000.00		\$200,000.00				\$200,000.00
1176-000 - METERS									
- Routine Meter Program			\$200,000.00	\$200,000.00	\$400,000.00	\$40,655.09	\$49,169.97	\$89,825.06	\$310,174.94
- Meter/Touch Pad Upgrade Program			\$450,000.00		\$450,000.00				\$450,000.00
1178-000 - EQUIPMENT									
Dump Truck				\$175,000.00	\$175,000.00				\$175,000.00
1180-000-VEHICLES									
			\$60,000.00	\$40,000.00	\$100,000.00	\$27,119.10		\$27,119.10	\$72,880.90
1182-000-GENERAL									
1184-000-BUILDING									
Generator			\$30,000.00	\$30,000	\$60,000.00		\$1,618.39	\$1,618.39	\$58,381.61
Furnace			\$4,500.00		\$4,500.00	\$6,250.00		\$6,250.00	
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Computer Replacements				\$25,000.00	\$25,000.00		\$19,728.43	\$19,728.43	\$5,271.57
Remaining IT Upgrade				\$53,301.06	\$53,301.06	\$4,774.22	\$37,074.78	\$41,849.00	\$11,452.06
Tyler Programming Upgrade				\$79,000.00	\$79,000.00				\$79,000.00
GPS Field Unit				\$25,000.00	\$25,000.00				\$25,000.00
1188-000 BOOSTER STATION									
Total FY 22-23			\$4,816,686.00	\$3,267,707.37	\$8,084,393.37	\$597,165.49	\$792,623.64	\$1,389,789.13	\$6,712,864.78



September 18, 2022

Ms. Shelli Lovell
General Manager
Marshalltown Water Works
205 E. State
Marshalltown, Iowa 50158

RE: Well 16 Project Change Order Request

Dear Ms. Lovell,

LRE Water (LRE) presents herein a summary of additional project costs to both confirm the results of the Iowa Geological Survey (IGS) geophysical and complete the Scope of Work (SOW) authorized by the proposal contract dated 9/10/2021.

The project is based on MWW's desire to complete Well 16 in the fractured Mississippian bedrock aquifer that is overlain by hydraulically connected alluvial sand and gravel aquifer material.

I. ADDITIONS AND MODIFICATIONS TO 9/10/2021 SOW

Task 4a **Geotechnical Borings**

Four hollow stem auger test borings (TB 1-22, TB 2-22, TB 3-22, and TB 4-22) were drilled to auger refusal or into the bedrock to evaluate if the bedrock is fractured at each test boring (TC) site. The TB sites were selected based on the geophysical survey results. In each TB a 2-inch PVC casing was temporary installed for water level head measurements. Following the water level measurements the temporary piezometers were properly abandoned. The locations were sited by LRE and MWW staff based on coordinates provided in the IGS geophysical report. The boring logs are attached to this letter.

LRE provided a recommendation, based on the findings of the geophysical survey and geotechnical borings, to proceed with the SOW at the TB 4 site.

Task 4 **Development and Testing of Test Well**

The drilling contractor, Traut Companies (Traut), informed LRE that the 9/10/2021 cost estimated needed to be revised due to increased steel, fuel, shipping, and labor costs. Traut's previous cost estimate, used in the 9/10/2021 proposal contract, had expired. LRE proceeded to validate Traut's cost increase by soliciting bids from two other well contractors. One contractor, Cahoy Pump Service, responded to the bid request. Cahoy's bid for Task 4 work was approximately \$30,000 higher than the revised Traut bid (both bids are attached to this letter) and both bids were prepared following the LRE Test Drilling plan and included

drilling, development, and testing of a bedrock test well (TW). LRE recommends that the revised bid from Traut, included in this change order request, be accepted. The increase in task costs, included in this change order request, is included in the attached Table 1.

Task 5 **Permitting Assistance of PWS Well**

LRE proposes that Task 5 services be eliminated from the current project SOW. It is appropriate that permitting costs be included in the engineering contract for that will follow completion of this project, should the site prove to be appropriate for development of Well 16. An engineer is required to prepare and implement the IDNR construction permit. This will also serve to keep additional costs to complete this project to a minimum.

II. PAYMENT

We believe the services described to complete the work, with the deletion of Task 5, can be accomplished for \$ 3,654.00 in addition to the amount authorized in the executed 9/10/2021 proposal contract. A breakdown in the amount invoiced and remaining costs are provided in Table 1, attached to this letter. Invoices are submitted monthly for time and expenses incurred. Terms of payment are net 30 days. Overdue accounts are subject to an interest charge of 1.5 percent per month and services will stop whenever payment is overdue more than 75 days.

Payments for our services, like other professional services, are based on the actual time spent on your behalf and are measured by standard hourly rates in effect at the time the services are performed. For those assigned to your team, those rates currently range from \$200–\$275 for principals; \$100–\$260 for engineers and hydrologists; and \$75-\$140 for data processing, technicians and IT support. Individuals are assigned to a project based on the type of services involved and the experience and expertise of the individual.

Routine expenses such as telephone and copies are included in the rates above. Outside expenses such as laboratory analysis, obtaining aerial photos, or other special services incurred directly in connection with the project are billed at cost plus 5 percent to cover handling and administration. Reimbursable expenses billed at cost include airfares, automobile rental, and other travel or per diem costs. Subconsultants to LRE are billed at cost plus 10 percent.

The scope described under Part I represents our estimate of the services required based on the information provided. As the project proceeds and additional facts are discovered, it may be necessary to perform additional services and some items

described may not be needed. For these reasons, we can provide only an estimate of the time and cost of completing the services.

III. LIMITATION OF LIABILITY AND CONSEQUENTIAL DAMAGES

In recognition of the relative risks and benefits of the project to both MWW and LRE, the risks have been allocated such that MWW agrees, to the fullest extent permitted by law, to limit the liability of LRE and its officers, employees, and sub-consultants, to MWW and all of the MWW's contractors and consultants, for any and all claims, losses, costs, damages of any nature whatsoever; or claims expenses from any cause or causes, including attorneys' fees and costs and expert witness fees and costs, so that the total aggregate liability of LRE to MWW shall not exceed the total amount of \$100,000 or the total fees billed to this project, whichever is less. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.

Notwithstanding anything to the contrary herein, in no event shall either Party hereto be liable to the other for any special, indirect, incidental, exemplary, or punitive damages, including without limitation, loss of profits, loss of business opportunity or loss of prospective revenue, arising out of this Agreement, however same may be caused. This Section shall survive the expiration or termination of this Agreement.

IV. SPECIAL SERVICES

Services in addition to those described under Part I will be performed or obtained for the client's account upon request and approval at rates currently in effect. Special services may include, but are not limited to, expert testimony, appearances at public meetings, soil investigations, topographic and land surveys, including establishment of boundaries, well and aquifer testing, water quality sampling and analysis, preparation of construction drawings and specifications, material testing, data management, environmental permitting, and regulatory compliance.

Acceptance of this proposal and authorization to proceed with the services can be indicated by signing one copy and returning it to us for our files. The terms of this proposal will be honored for a period of 30 days.

We look forward to discussing this proposal with you and if you have any questions or concerns about the services offered in the proposal please call me at 816-853-9474.

Thank you for providing us the opportunity to present this proposal to the MWW.

Sincerely,



Ms. Shelli Lovell
Marshalltown Water Works
9/18/2022
Page 4 of 4

LRE WATER



For: _____
Marshalltown Water Works

By:

William H. Fronczak, P.E., Esq.
Vice President – Risk Management

By:

Martha Silks, PG
Lead Hydrogeologist



Table 1 Marshalltown Water Works Well #16 Exploration and Site Testing Project Change Order Request

Marshalltown Water Works Well #16 Exploration and Site Testing Project		Total 9/10/2021 Estimated LRE Labor Budget & Subcontractor Cost	Geotechnical and Extension of Target Area to West Add-Scope	Tasks Billed including 9/10/2025 Invoice	T3 and T4 Additional Costs due to Inflation	Additional Project Costs (eliminating Task 5 from LRE SOW)	Change Order Request (eliminating Task 5 from SOW)
SOW completed and included in Invoice Total To-Date							
T 1 & T2	Fracture Trace & Geophysical Survey	\$21,490.00		\$19,222.30			
T3 & T4	Drill Work Plan & Test Well Drilling	\$48,450.00		\$0.00			
T5	Permitting Assistance with PWS Well	\$7,000.00		\$0.00			
9/10/2021 Contract Amount		\$76,940.00					
LRE Invoiced To Date (all invoices to date including geotech test drilling and LRE oversight)				\$19,222.30			
Contract Amount Remaining To-Date				\$57,717.70			
Change Order Amount to Complete Project							
T4	Revised T3 and T4 Costs				\$10,654.00	\$10,654.00	
T5	Permitting Assistance with PWS Well					-\$7,000.00	
	Modified Project Total (with inflation adjustments and eliminating T5 from SOW)					\$80,594.00	
	Total Change Order Request (eliminating T5 from SOW)						\$3,654.00

* Change order includes geotechnical test drilling costs (included in 9/12/2022 invoice), increase in material, fuel, and labor for LRE and subcontractor cost estimates.



141 28th Ave South
 PO BOX 547
 Waite Park, MN 56387-0547
 320-251-5090
 Email: davet@trautcompanies.com

10" test well/DUAL ROTARY QUOTE/Marshalltown IA/REVISED

DATE: 3/29/2022 PHONE # 1-816-853-9474
 NAME: Marshalltown Iowa FAX # _____
 ADDRESS: _____ EMAIL Martha.silks@LREwater.com
 ATTN: Martha Silks JOB # 300000

This 10" well would allow for a test pump capable of 1000 GPM/ If after testing and the yield looks good the 10" could be pulled & we could Drive 24" down the same bore, &complete a 24" size Well .

Description	Unit	Unit Price	QTY	Totals
1 Mobilization & demobilization	LS	\$ 17,200.00	1	\$ 17,200.00
13 Drill & drive 10" casing	LF	\$ 145.00	80	\$ 11,600.00
14 Drill 10" nominal bore hole	LF	\$ 95.00	62	\$ 5,890.00
18 Second 1000 x 350 compressor(and fuel)	LS	\$ 4,850.00	1	\$ 4,850.00
22 10 Carbide cutter shoe	EA	\$ 635.00	1	\$ 635.00
29 <u>Well developement</u>	HRS	\$ 390.00	6	\$ 2,340.00
23 Iowa Permits (not sure on this cost for test wells)	LS	\$ 275.00	1	\$ 275.00

INCOMING FREIGHT

N/A

TOTAL

\$ 42,790.00

August 25, 2022

LRE Water
749 Locust Street
Lawrence, KS. 66044

Attn: Ms. Martha Silks
Re : Marshalltown Water Works – Test Drilling / Production Well Drilling

Greetings Martha:

We are pleased to provide you with the following Scope of Work and proposal for your review and consideration:

TEST WELL SCOPE OF WORK:

- Assure proper permitting, utility clearances, job preparation, mobilization of drill crew & equipment.
- Site work, setup on initial well site (staked by others).
- Drill a nominal 14.75" diameter pilot hole via mud rotary drilling method to top of rock. Collect dual drill cutting samples every five (5) feet.
- Furnish & install 10.625"OD steel casing, and grout casing with bentonite slurry grout.
- Drill a nominal 9.875" diameter borehole from casing point to approximately 145' below ground surface via DHH drilling method with dual-wall matrix drill rod. Collect dual drill cutting samples every five (5) feet.
- Conduct E-Logging if directed to do so.
- Furnish & install a temporary test pump capable of 500 gpm @ 110' TDH. Includes power plant and up to 500' of discharge hose w/ erosion control measures.
- Test pump well as directed.

PRODUCTION WELL SCOPE OF WORK:

- Job preparation, travel time, re-tool.
- Backfill well to 75', remove 10" casing.
- Ream existing borehole to 20" from 0' to 45' or top of rock.
- Furnish, install, & grout 16" x .375" outer casing. Grout to be neat cement grout installed via outer tremie pipe method.
- Ream existing borehole to 14.875" diameter from 45' to 75'.
- Furnish, install, & grout 10" x .365" inner casing. Grout to be neat cement grout installed via outer tremie pipe method.

24568 150th Street - Suite 200 Sumner, Iowa 50674

Serving 10 States with Locations in Iowa-2 : Illinois-2 : Nebraska : Wyoming

1-833-728-1288

WWW.CAHOYPUMP.COM

- Clean existing backfilled hole from 75' to an estimated 145'.
- Conduct airlift development while tripping tools out of hole.
- Furnish & install a temporary test pump capable of 750 gpm @ 110' TDH. Includes power plant and up to 500' of discharge hose w/ erosion control measures.
- Test pump well as directed.
- Pump pits off, rough grade cleanup of site, disinfection of well, capping of well, demobilization, and project closeout.

#	DESCRIPTION	U	Q	UNIT PRICE	TOTAL PRICE
TEST WELL					
1	Utility Clearances	LS	1	xxxxxxxxxxx	\$ 500.00
2	Job Preparation, Mobilization of Drilling Equipment, Crew, and Site Work	EA	1	\$ 24,580.00	\$ 21,580.00
3	Setups	EA	1	\$ 4,800.00	\$ 4,800.00
4	Drill Nominal 14.75" Dia. Borehole, Furnish & Install 10" Casing, Bentonite Slurry Grout	VF	62	\$ 285.00	\$ 17,670.00
5	Drill 9.875" Dia. Borehole (62' to 145')	VF	83	\$ 144.00	\$ 11,952.00
6	Airlift Development	HR	2	\$ 840.00	\$ 1,680.00
7	Furnish, Install, & Remove 500 gpm Test Pump, power plant, & discharge line	EA	1	\$ 11,228.00	\$ 11,228.00
8	Variable Rate Pump Test & Recovery	HR	3	\$ 385.00	\$ 1,155.00
9	Constant Rate Pump Test & Recover	HR	26	\$ 265.00	\$ 6,890.00
PHASE I SUBTOTAL					\$ 77,455.00

#	DESCRIPTION	U	Q	UNIT PRICE	TOTAL PRICE
PRODUCTION WELL					
1	Production Well Mobilization, Setup, Project Management	LS	1	xxxxxxxxxxx	\$ 40,692.00
2	Backfill & Remove 10" Casing	LS	1	xxxxxxxxxxx	\$ 1,950.00
3	Ream Hole to 20" Dia. (0' to 45'), Furnish, Install & Grout 16" Outer Casing	VF	45	\$ 571.00	\$ 25,695.00
4	Ream Hole to 14.850" Dia. (45' to 75')	VF	30	\$ 320.00	\$ 9,600.00
5	Furnish, Install, & Grout 10" x .365" Casing	VF	75	\$ 330.00	\$ 24,750.00
6	Clean 9.875" Open Hole (75' to 145')	VF	70	\$ 115.00	\$ 8,050.00
6	Airlift Development	HR	2	\$ 840.00	\$ 1,680.00
7	Furnish, Install, & Remove 750 gpm Test Pump	EA	1	\$ 11,228.00	\$ 11,228.00
8	Test Pumping & Recovery	HR	26	\$ 265.00	\$ 6,890.00
9	Site Restoration, Capping, Disinfection, P & A Testing	LS	1	xxxxxxxxxxx	\$ 18,138.00
PHASE II SUBTOTAL					\$ 148,673.00

NOTES:

- Clearing and grubbing of land, if required, will be invoiced at the rate of \$ 485.00 per crew hour.
- Drill Crew Standby Time will be invoiced at the rate of \$ 840.00 per Crew Hour capped at 8 hours per day maximum and five (5) days per week maximum. This is applicable whether crew is onsite or not.
- Pump Crew Standby Time will be invoiced at the rate of \$ 385.00 per Crew Hour capped at 8 hours per day.
- Water Quality Testing is by Others or as an extra.
- Staking of well sites by Others.
- Site restoration includes, spreading drill cuttings on ground at site(s), backfilling pits and rough leveling of disturbed areas. Final grading and seeding is by others.
- Proposal assumes drilling fluid can be discharged or pumped to the ground in the immediate vicinity of the well site.
- Proposal assumes we are able to obtain water from City at no charge.
- Production well mobilization assumes a 75' X 75' rock work pad is already in place.
- Proposal is based on the time span between the test pumping of the test well and initiation of drilling of the production well is < 2 weeks.
- Cost to abandon Test Well is \$ 6,433.00
- E-logging, if required, will be invoiced at the rate of \$ 3,540.00 per occurrence.

Martha, on behalf of Cahoy Pump Service we sincerely appreciate the opportunity to provide you with this proposal. There's a lot of moving parts, so please do not hesitate to contact myself or Mike if you have any questions whatsoever.

Sincerely,

Darin J. Cahoy

Darin J. Cahoy
Chief Executive Officer

Contractor's Application for Payment No.

TWO (2)

Application Period: 8/6/2022 to 9/12/2022 **Application Date:** 9/12/2022

To (Owner):	Marshalltown Water Works 205 E State Street, Marshalltown, IA 50158	From (Contractor):	Hurst & Sons Contractors Inc. 2425 W 4th St. Waterloo, IA 50701	Via (Engineer):	McClure Engineering Company 1360 NW 121st Street, Clive, IA 50325
Owner's Project Number:	31401	Contractor's Project Number:	n/a	Engineer's Project Number:	2022000297-010
Project:	South Street Water Main Replacement 2021		Contract:		

Application For Payment - Change Order Summary		
Approved Change Orders		
Number	Additions	Deductions
Totals:	\$ -	\$ -
Net Change by Change Order:	\$ -	

1. Original Contract Price.....	\$ 866,095.12
2. Net change by Change Orders.....	\$ -
3. Current Contract Price (Line 1 ± 2).....	\$ 866,095.12
4. Total Completed and Stored to Date (Column F on Progress Estimate).....	\$ 599,631.74
5. Retainage	
a. 5.0% X \$ 599,631.74 Work Completed.....	\$ 29,981.58
b. 5.0% X \$ - Stored Material.....	\$ -
c. Total Retainage (Line 5a + Line 5b).....	\$ 29,981.58
6. Amount Eligible to Date (Line 4 - Line 5c).....	\$ 569,650.16
7. Less Previous Payments (Line 6 from prior Application).....	\$ 195,619.55
8. Amount Due This Application.....	\$ 374,030.61
9. Balance to Finish, Plus Retainage (Column G on Progress Estimate + Line 5 above).....	\$ 296,444.96

Contractor's Certification

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

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: *Jan Hurst* Date: 9/12/22

Payment of: \$374,030.61
(Line 8 or other - attach explanation of the other amount)

is recommended by: *A.V. Smith* 9-12-2022
(Engineer) (Date)

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

is approved by: _____ _____
(Owner) (Date)

Approved by: _____ _____
Funding Agency (if applicable) (Date)

Request to Transfer Ownership Of Water Main

Project:

Developer:

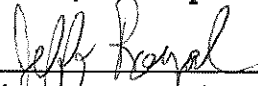
TO: Marshalltown Water Works Board of Trustees

I, Jeff Royal of Glenwood Marshalltown LLC, hereby request that the Marshalltown Water Works Board of Trustees accept and assume ownership of the water distribution system constructed as part of the Glenwood Park 7th Addition project constructed by a Contract dated July 13, 2021, and has been substantially completed in general compliance with the terms, conditions, and stipulations of said Contract and the Standard Specifications for Water Main Installation by Marshalltown Water Works dated February 8, 20 21.

I further state that the total value of the water main improvements are \$ 114,950 and tabulated as follows:

Item	Unit	Quantity	Unit Price	Total Price
8" Fitting	EA	15	\$400	\$6,000
8" Water Main	LF	1475	\$42	\$61,950
Hydrants	EA	5	\$6,000	\$30,000
8" Gate Valve	EA	7	\$2,200	\$15,400
Connect to Existing	EA	2	\$800	\$1,600

Owner/Developer



(signature name)

Date: 2022.09.12

Accepted by:

Resolution #: _____ Date: _____

Signed: _____

Distribution: Marshalltown Water Works
Engineer
Owner/Developer

**RESOLUTION TO ACCEPT INSTALLATION OF WATER MAIN
AT GLENWOOD PARK 7TH ADDITION
INTO THE WATER WORKS UTILITY SYSTEM
OF THE CITY OF MARSHALLTOWN, IOWA**

WHEREAS, there is herewith submitted to the Board of Trustees of a Marshalltown Water Works a proposal by Glenwood Marshalltown, LLC requesting the Board of Trustees to accept an 8" inch water main improvement on Glenwood Park 7th Addition into the Water Works Utility System of the City of Marshalltown, Iowa, the value of the water main improvement is \$114,950.00 and

WHEREAS, the necessary permits, bonds, and reports in support of said request have also been furnished to the Board of Trustees and the Board of Trustees believes that acceptance of the main is proper and in the best interest of the City.

IT IS THEREFORE RESOLVED BY THE BOARD OF TRUSTEES:

1. That the proposal aforesaid is hereby approved and the 8" inch water main is accepted as part of the Water Works Utility System of the City of Marshalltown, Iowa.

Passed this 20th day of September, 2022, and signed this 20th day of September, 2022.

Laura Eilers, Chairperson

ATTEST:

Shelli Lovell, Secretary

DEVELOPER AGREEMENT

THIS AGREEMENT is made and entered into this ____ day of _____, 20____, by and between Marshalltown Water Works Board of Trustees, a governmental entity having a place of business in Marshalltown, Iowa (hereinafter referred to as "Water Works") and _____, a real estate developer having a place of business in _____ (hereinafter referred to as "Developer").

WITNESSETH:

WHEREAS, Water Works is a governmental entity responsible for the construction, operation, maintenance, and replacement of water distribution facilities within the corporate limits of the City of Marshalltown, Iowa; and

WHEREAS, Developer intends to develop real estate within the corporate limits of the City of Marshalltown, Iowa, as described in Exhibit "A" attached (hereinafter referred to as "Subdivision"), and is required to install water service for the Subdivision; and

WHEREAS, the installation of the water system by the Developer must be to the standard specifications of the Water Works,

NOW, THEREFORE, IN CONSIDERATION of the premises, it is agreed by and between the parties hereto as follows:

1. The Developer will construct a water system within the Subdivision pursuant to plans, specifications, and material lists approved by Water Works.
2. Water Works shall have the right to inspect the water system at all times during the course of construction.
3. The Developer will provide the Water Works with the names of the contractors who will install the water main and the name of the engineer who will handle the daily inspections and certify completion. A set of as-built plans must be provided to the Water Works. **No services will be connected to this system until these requirements are met.**

4. In the event the Water Works requires the Developer to install a water main in excess of an 8-inch main, the Water Works shall, upon satisfactory completion of the project, reimburse the Developer for the difference in cost between the 8-inch main and the size of main required to be installed by the Water Works, unless the larger size is required to service the new subdivision, in which case no reimbursement will be provided.

5. Upon completion of the construction of the water system, the Developer agrees to and shall transfer to Water Works the ownership of the water system together with any easements which may be required for the maintenance, repair, and replacement of the system,

6. The Developer warrants the construction of the water system to be free from defects in materials and workmanship and shall, upon completion of construction, deliver to Water Works a four-year maintenance bond on the water system in a form and in an amount satisfactory to Water Works, and shall be drawn to Marshalltown Water Works Board of Trustee's.

7. This Agreement contains the entire agreement between the parties and may not be modified except in a written document signed by duly authorized representatives of both parties.

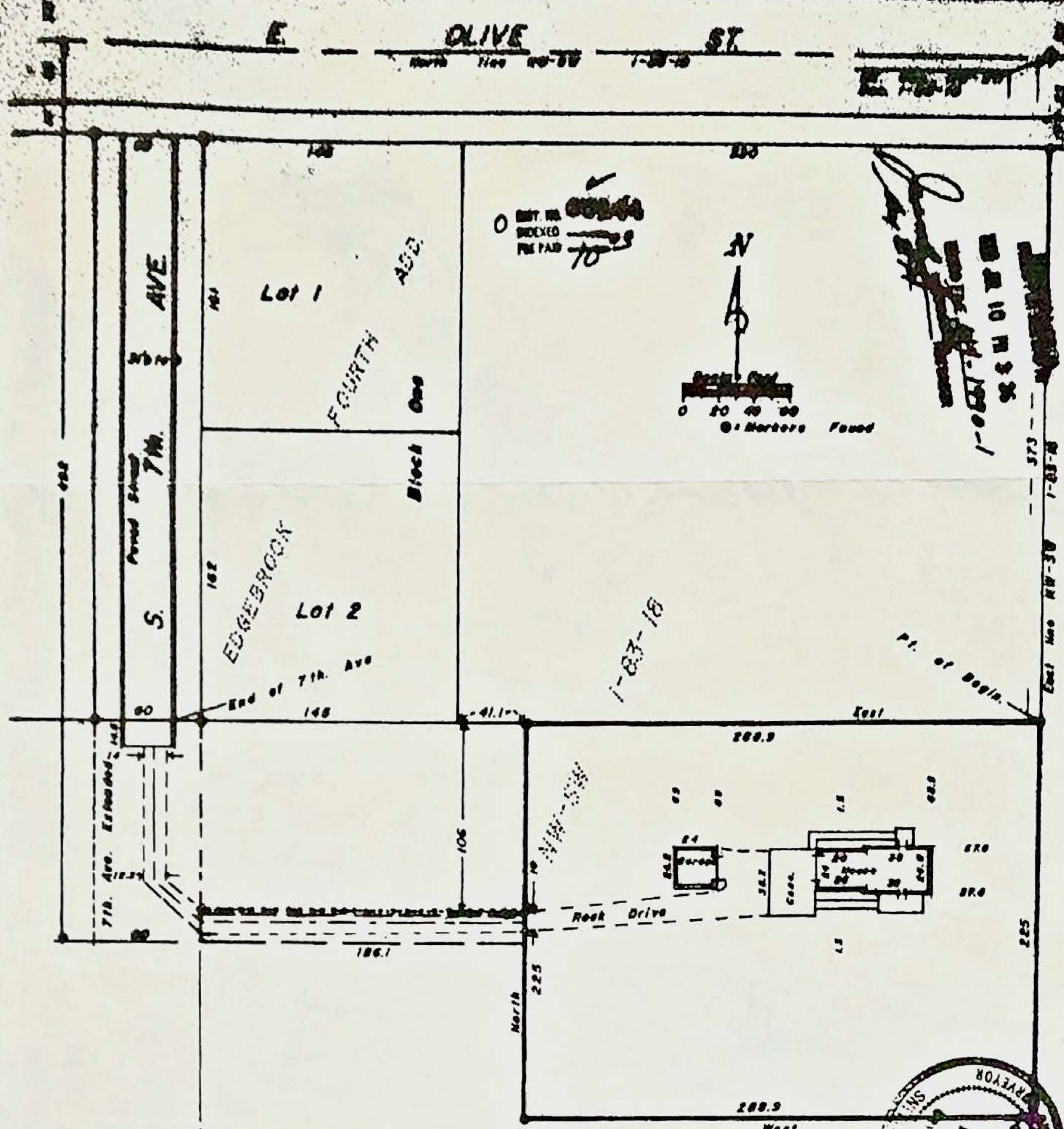
8. This Agreement shall be construed in accordance with Iowa law.
IN WITNESS WHEREOF, the parties have set their hands on the day and year first above written.

(Name of Developer)

Board of Water Works Trustees

By Ryan Huegerich
(Authorized Representative of Developer)

By _____
Shelli Lovell,
General Manager



DESCRIPTION:-
 Beginning Three Hundred Seventy-three feet South of the Northeast corner of the Northwest Quarter of the Southwest Quarter of Section One in Township Eighty Three North, Range 18 West of the 5th p.m., Marshall County, Iowa, thence South Two Hundred Twenty-five feet; thence westerly parallel to the North line of said Northwest Quarter of the Southwest Quarter a distance of 288.9 feet; thence North Two Hundred Twenty-five feet; thence Easterly parallel to the North line of said Northwest Quarter of the Southwest Quarter a distance of 288.9 feet to the point of beginning,
TOGETHER WITH a non-exclusive easement fifteen feet in width for ingress and egress from Seventh Avenue in the City of Marshalltown, Iowa, over and across the real estate which abuts the North 106 feet of such real estate on the West, the exact location of such easement to be hereafter specified by grantor herein at such place as grantor may determine.
ALSO, TOGETHER WITH an easement for ingress and egress over and across the South 15 feet of the North 492 feet of the East 475 feet of the Northwest Quarter of the Southwest Quarter of Section 1, Township 83 North, Range 18 West of the 5th p.m., Marshall County, Iowa, EXCEPT the east 288.9 feet thereof, and thence north on and over South Seventh Avenue in the City of Marshalltown as if extended.

CERTIFICATE:-
 I hereby certify that this plat, survey or report was made by me or under my personal supervision and that I am a duly registered Land Surveyor under the laws of the State of Iowa.
 Eldon M. Collins, date July 7, 1967
 Eldon M. Collins, P.E. L.S. IA 7617 3017

Gary L. Hanegan
 809 East Olive Street
 Marshalltown, Iowa 50158

Collins Engineering Company
 Marshalltown, Iowa

PN B589

Exhibit A