Office of the Clerk/Treasurer

W240N3065 Pewaukee Road
Pewaukee, WI 53072
(262) 691-0770 Fax 691-1798

COMMON COUNCIL
MEETING NOTICE AND AGENDA
Monday, November 20, 2023
6:30 PM

Common Council Chambers ~ Pewaukee City Hall
W240 N3065 Pewaukee Road ~ Pewaukee, Wisconsin

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1. Call to Order and Pledge of Allegiance
2. Public Comment - Please limit your comments to two (2) minutes, if further time for discussion is needed please contact your District Alderperson prior to the meeting.
3. Approve Accounts Payable Listing Dated November 20, 2023
4. **PUBLIC HEARING** and Discussion and Possible Action Regarding the Shady Lane and Shady Nook Road Reconstruction Project [Wagner]

   4.1 Discussion and Possible Action Regarding the Preliminary Engineers Report and Proposed Special Assessments
   4.2 Discussion and Possible Action Regarding Awarding the Shady Lane and Shady Nook Road Reconstruction Contract to the Lowest Qualified Bidder, Musson Bros, Inc. in the Amount of $573,693.61.
5. Discussion and Possible Action to Award the City Hall and DPW Facility Solar Panel Installation Project to the Lowest Qualified Bidder, Current Electric Company, in the Amount of $1,424,000 [Fuchs]
6. Discussion and Possible Action to Release the J&R Dreamfield Development Letter of Credit in the Amount of $44,981.74 [Wagner]
7. Discussion and Possible Action to Release the Ba(en)2 Acres LLC Development Letter of Credit in the Amount of $47,364 [Wagner]
8. Discussion and Possible Action to Approve **Ordinance 23-09** Related to Chapter 5 Traffic specifically Heavy Weight Limits on Green Road from Duplainville Road to Redford Boulevard (CTH F) Ramp *(First Reading)* [Wagner]
9. Discussion and Possible Action Regarding Potential Water Rate Increase and Notice of Public Service Commission Public Hearing [Wagner / Mueller]
10. Discussion and Possible Action to Award the Gun Club Lift Station Replacement to the Lowest Qualified Bidder, Staab Construction, in the Amount of $6,067,000 [Wagner / Mueller]
11. Public Comment - Please limit your comments to two (2) minutes, if further time for discussion is needed please contact your district Alderperson prior to the meeting.
12. Closed Session – You are hereby notified that the Common Council and staff of the City of

Pewaukee will convene into closed session after all regular scheduled business has been concluded and upon motion duly made and seconded and acted upon by roll-call vote as required under §19.85(1)(a), Stats. The purpose of the closed session is for the following:

- §19.85(1)(g): Conferring with legal counsel for the governmental body who is rendering oral or written advice concerning strategy to be adopted by the body with respect to litigation in which it is or is likely to become involved specifically related to a possible Class Action lawsuit related to PFAS.

You are further notified that at the conclusion of the Closed Session, the Common Council may convene into open session pursuant to 19.85(2), Stats., for possible additional discussion and action concerning any matters discussed in closed session and for adjournment.

13. Adjournment

Kelly Tarczewski
Clerk/Treasurer

November 16, 2023

NOTICE

It is possible that members of other governmental bodies of the municipality may be in attendance to gather information that may form a quorum. At the above stated meeting, no action will be taken by any governmental body other than the governmental body specifically referred to above in this notice.

Any person who has a qualifying disability under the Americans with Disabilities Act that requires the meeting or materials at the meeting to be in an accessible format must contact the Clerk/Treasurer, Kelly Tarczewski, at (262) 691-0770 three business days prior to the meeting so that arrangements may be made to accommodate your request.

DATE: November 20, 2023

DEPARTMENT: Clerk/Treasurer

PROVIDED BY:

SUBJECT:

Approve Accounts Payable Listing Dated November 20, 2023

BACKGROUND:

FINANCIAL IMPACT:

RECOMMENDED MOTION:

ATTACHMENTS:

Description

A/P 11.20.2023

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 100 GENERAL FUND							
11/08/2023	100	1414(E)	DELTA DENTAL	DENTAL CLEARING	21903	00000	2,656.80
11/10/2023	100	1410(E)	ADP, LLC		52480	51450	371.57
11/10/2023	100	1411(E)	WI DEPT OF REVENUE/SALES TAX	SALES TAX DUE STATE	24213	00000	96.81
				SALES TAX DISCOUNT	41220	00000	(10.00)
				CHECK 100 1411(E) TOTAL FOR FUND 100:			86.81
11/10/2023	100	1415(E)	DIVERSIFIED BENEFIT SERVICES, IN	FLEX SPEND	21590	00000	3,459.60
11/13/2023	100	139261	ANDREW T JOHNSON AND CANDICE M J	BOB22-0056	23175	00000	500.00
11/13/2023	100	139262*#	ARAMARK	HIGHWAY - CONTRACTED JANITORIAL	52400	53100	27.74
				HIGHWAY - UNIFORMS	53410	53100	88.00
				HIGHWAY - UNIFORMS	53410	53100	87.90
				CHECK 100 139262 TOTAL FOR FUND 100:			203.64
11/13/2023	100	139263*#	AT&T MOBILITY	ADMINISTRATOR - TELEPHONE & CELL	52260	51410	33.49
				CLERK/TREASURER - TELEPHONE & CELL	52260	51420	33.49
				EMPLOYEE SERVICES - PHONE & CELL	52260	51430	43.47
				IT - PHONE & CELL	52260	51450	82.01
				FIRE ADMINISTRATION - PHONE & CELL	52260	52210	133.96
				BUILDING SERVICES - PHONE & CELL	52260	52400	153.92
				HIGHWAY - PHONE & CELL	52260	53100	38.47
				ENGINEERING - PHONE & CELL	52260	53110	62.74
				PARKS - TELEPHONE & INTERNET	52260	55200	86.94
				RECREATION PROGRAM - PHONE & CELL	52260	55300	86.94
				CHECK 100 139263 TOTAL FOR FUND 100:			755.43
11/13/2023	100	139264	BATTERY SYSTEMS	PARKS - VEHICLE REPAIR & MAINT	52440	55200	236.98
11/13/2023	100	139265	BATZNER PEST CONTROL	PARKS - BUILDING REPAIRS & MAINT	52410	55200	82.50
				PARKS - BUILDING REPAIRS & MAINT	52410	55200	73.90
				CHECK 100 139265 TOTAL FOR FUND 100:			156.40
11/13/2023	100	139266	BREDAN MECHANICAL SYSTEMS INC	CITY HALL - BUILDING REPAIRS & MAINT	52410	51600	1,947.00
11/13/2023	100	139267*#	BUMPER TO BUMPER HARTLAND	PARKS - EQUIP REPAIR & MAINT	52430	55200	95.96
11/13/2023	100	139268	CHARLIE DWYER	BUILDING SERVICES - MILEAGE & FUEL	53300	52400	168.34
11/13/2023	100	139269	CHERRIE LARSON	RECREATION PROGRAM - CONTRACTED SERVI	52190	55300	403.20

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 100 GENERAL FUND							
				RECREATION PROGRAM - CONTRACTED SERVI	52190	55300	132.00
				CHECK 100 139269 TOTAL FOR FUND 100:			535.20
11/13/2023	100	139270	CONCENTRA MED COMPLIANCE ADMIN	EMPLOYEE SERVICES - EMPLOYMENT EXAMS	52150	51430	219.00
11/13/2023	100	139271*#	COREY OIL	HIGHWAY - FUEL	53420	53100	1,248.03
				HIGHWAY - FUEL	53420	53100	1,876.21
				HIGHWAY - FUEL	53420	53100	5,325.16
				HIGHWAY - FUEL	53420	53100	681.83
				CHECK 100 139271 TOTAL FOR FUND 100:			9,131.23
11/13/2023	100	139272	DARRYL AND ANGELA TERRY	EROSION/DITCH DEPOSIT	23173	00000	2,000.00
11/13/2023	100	139273	DIVERSIFIED BENEFIT SERVICES, IN	INSURANCE CONSULTANT	52150	51930	353.38
11/13/2023	100	139274#	ELLIOTTS ACE HARDWARE	HIGHWAY - OPERATING SUPPLIES	53400	53100	41.85
				PARKS - NEW EQUIPMENT	53950	55200	73.97
				CHECK 100 139274 TOTAL FOR FUND 100:			115.82
11/13/2023	100	139275	Espire Homes	BEB21-0034	23173	00000	2,000.00
11/13/2023	100	139276	FIRST STUDENT	RECREATION PROGRAM - PROGRAM EXPENSES	53430	55300	11,700.00
11/13/2023	100	139277	FORWARD TS	CLERK/TREASURER - EQUIP REPAIR & MAIN	52430	51420	78.28
11/13/2023	100	139278	HFR ELECTRIC	ELECTRICAL PERMITS	44301	00000	60.00
11/13/2023	100	139279	INTERSTATE HEATING	ELECTRICAL PERMITS	44301	00000	60.00
11/13/2023	100	139280	KAESTNER AUTO ELECTRIC CO.	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	85.98
11/13/2023	100	139281	KARMEN LEHMAN	RECREATION PROGRAM - PROGRAM EXPENSES	53430	55300	135.00
11/13/2023	100	139282	KASKEY, MONICA	RECREATION PROGRAM - MEETINGS & CONVE	53210	55300	32.79
				RECREATION PROGRAM - MILEAGE	53300	55300	346.44
				RECREATION PROGRAM - PROGRAM EXPENSES	53430	55300	70.22
				CHECK 100 139282 TOTAL FOR FUND 100:			449.45
11/13/2023	100	139283	LANGE ENTERPRISES, INC	HIGHWAY - ROAD SIGNS & MARKINGS	53720	53100	2,868.60
11/13/2023	100	139284	LANNON STONE PRODUCTS	HIGHWAY - ROAD REPAIRS	53730	53100	267.93
11/13/2023	100	139285*#	LITHO-CRAFT	ENGINEERING - OPERATING SUPPLIES	53400	53110	1,477.00
11/13/2023	100	139286*#	MARIANNE HILTUNEN	ENGINEERING - OUTSIDE ENGINEERING	52190	53110	9.17

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 100 GENERAL FUND							
				ENGINEERING - MILEAGE	53300	53110	51.09
				CHECK 100 139286 TOTAL FOR FUND 100:			60.26
11/13/2023	100	139287	MARY FIRNROHR	RECREATION PROGRAM - CONTRACTED SERVI	52190	55300	544.00
11/13/2023	100	139288*#	MENARDS	HIGHWAY - OPERATING SUPPLIES	53400	53100	46.01
11/13/2023	100	139289	Mike & Kay Reiland	BEB21-0021	23173	00000	2,000.00
11/13/2023	100	139291*#	PAYNE & DOLAN	HIGHWAY - ROAD REPAIRS	53730	53100	1,809.35
11/13/2023	100	139292	REINDERS, INC.	PARKS - EQUIP REPAIR & MAINT	52430	55200	76.52
11/13/2023	100	139294*#	RUEKERT & MIELKE, INC.	ENGINEERING - OUTSIDE ENGINEERING	52190	53110	3,841.81
				ENGINEERING - OUTSIDE ENGINEERING	52190	53110	430.44
				CHECK 100 139294 TOTAL FOR FUND 100:			4,272.25
11/13/2023	100	139295	RUNDLE-SPENCE	CITY HALL - BUILDING REPAIRS & MAINT	52410	51600	76.00
11/13/2023	100	139297	STACI JOERS	RECREATION PROGRAM - CONTRACTED SERVI	52190	55300	420.00
11/13/2023	100	139298	TARGET SOLUTIONS LEARNING	EMPLOYEE SERVICES - TRAINING	52980	51430	4,539.11
11/13/2023	100	139300	UNITED STATES POSTAL SERVICE	RECREATION PROGRAM - POSTAGE	53110	55300	2,604.61
11/13/2023	100	139301	VICTORY HOMES	EROSION/DITCH DEPOSIT	23173	00000	2,000.00
11/13/2023	100	139302	VILLAGE OF PEWAUKEE	BUILDING SERVICES DUE TO VILLAGE	24400	00000	5,414.37
				AMBULANCE RUNS	46230	00000	26,459.39
				SHARED PARK & RECREATION PROGRAMS	47370	00000	3,827.46
				CONTRACTED BUILDING INSPECTION	47380	00000	(1,248.48)
				CHECK 100 139302 TOTAL FOR FUND 100:			34,452.74
11/13/2023	100	139303	WASTE MANAGEMENT	RECYCLE - HAULING RECYCLABLES	52900	53635	954.38
11/13/2023	100	139304	WAUKESHA CO TREASURER	RECREATION PROGRAM - CONTRACTED SERVI	52190	55300	660.00
11/13/2023	100	139305*#	WE ENERGIES	HIGHWAY - ELECTRICITY	52210	53100	867.09
				HIGHWAY - HEAT	52220	53100	194.49
				CHECK 100 139305 TOTAL FOR FUND 100:			1,061.58
11/13/2023	100	139307	WHITLOW'S SECURITY SPECIALISTS	PARKS - BUILDING REPAIRS & MAINT	52410	55200	125.00
11/15/2023	100	1416(E)	DELTA DENTAL	DENTAL CLEARING	21903	00000	949.80

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 100 GENERAL FUND							
11/16/2023	100	139308*#	A&M CLEANING SOLUTIONS	HIGHWAY - CONTRACTED JANITORIAL	52400	53100	1,246.66
11/16/2023	100	139309	ADVANCE NAME PLATE & BADGE	PLANNER - OPERATING SUPPLIES	53400	56300	14.93
11/16/2023	100	139310	AIR ONE EQUIPMENT	FIRE PROTECTIVE SERVICES - EQUIP REPA	52430	52230	228.00
11/16/2023	100	139311	AIRGAS USA	FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	373.91
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	276.51
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	195.26
				CHECK 100 139311 TOTAL FOR FUND 100:			845.68
11/16/2023	100	139313	ALL COUNTY ELECTRIC	FIRE ADMINISTRATION - BUILDING REPAIR	52410	52210	4,606.39
11/16/2023	100	139316*#	ARAMARK	HIGHWAY - CONTRACTED JANITORIAL	52400	53100	27.74
				HIGHWAY - UNIFORMS	53410	53100	284.29
				HIGHWAY - UNIFORMS	53410	53100	88.71
				CHECK 100 139316 TOTAL FOR FUND 100:			400.74
11/16/2023	100	139317	AT&T MOBILITY	FIRE ADMINISTRATION - PHONE & CELL	52260	52210	853.03
11/16/2023	100	139319	BUDGET TRUCK AND AUTO INC	FIRE PROTECTIVE SERVICES - NEW EQUIPM	53950	52230	120.00
11/16/2023	100	139320	BUMPER TO BUMPER HARTLAND	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	72.29
				HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	37.96
				HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	106.25
				HIGHWAY - OPERATING SUPPLIES	53400	53100	9.49
				CHECK 100 139320 TOTAL FOR FUND 100:			225.99
11/16/2023	100	139322	CINTAS CORPORATION #184	HIGHWAY - OPERATING SUPPLIES	53400	53100	122.01
				HIGHWAY - SAFETY EQUIPMENT	53480	53100	407.40
				CHECK 100 139322 TOTAL FOR FUND 100:			529.41
11/16/2023	100	139324	COMPASS MINERAL	HIGHWAY - SAND AND SALT	53710	53100	50,197.73
				HIGHWAY - SAND AND SALT	53710	53100	58,181.10
				HIGHWAY - SAND AND SALT	53710	53100	27,903.03
				HIGHWAY - SAND AND SALT	53710	53100	20,417.15
				CHECK 100 139324 TOTAL FOR FUND 100:			156,699.01
11/16/2023	100	139325	COMPLEX SECURITY SOLUTIONS INC	CITY HALL - BUILDING REPAIRS & MAINT	52410	51600	1,739.97
11/16/2023	100	139326	CONWAY SHIELD	FIRE PROTECTIVE SERVICES - NEW EQUIPM	53950	52230	200.00

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 100 GENERAL FUND							
11/16/2023	100	139327*#	ELLIOTTS ACE HARDWARE	FIRE ADMINISTRATION - OPERATING SUPPL	53400	52210	8.59
				FIRE ADMINISTRATION - OPERATING SUPPL	53400	52210	20.10
				CHECK 100 139327 TOTAL FOR FUND 100:			28.69
11/16/2023	100	139328	FIRE RESCUE SUPPLY LLC	FIRE PROTECTIVE SERVICES - EQUIP REPA	52430	52230	1,310.00
11/16/2023	100	139329	FORWARD TS	FIRE ADMINISTRATION - OPERATING SUPPL	53400	52210	66.44
11/16/2023	100	139330	GALLS	FIRE PROTECTIVE SERVICES - UNIFORMS	53410	52230	68.97
				FIRE PROTECTIVE SERVICES - UNIFORMS	53410	52230	38.49
				FIRE PROTECTIVE SERVICES - UNIFORMS	53410	52230	68.33
				FIRE PROTECTIVE SERVICES - UNIFORMS	53410	52230	83.98
				FIRE PROTECTIVE SERVICES - UNIFORMS	53410	52230	236.07
				FIRE PROTECTIVE SERVICES - UNIFORMS	53410	52230	(68.97)
				CHECK 100 139330 TOTAL FOR FUND 100:			426.87
11/16/2023	100	139332	Halen Homes	BOB23-0003	23175	00000	500.00
11/16/2023	100	139333	Halen Homes	BOB23-0005	23175	00000	500.00
11/16/2023	100	139334	HARTLAND OVERHEAD DOOR	FIRE ADMINISTRATION - BUILDING REPAIR	52410	52210	405.00
11/16/2023	100	139335	HEARTLAND BUSINESS SYSTEMS	IT - OTHER PROFESSIONAL SERVICES	52190	51450	59.99
11/16/2023	100	139336	HEIN ELECTRIC	FIRE ADMINISTRATION - BUILDING REPAIR	52410	52210	25.53
11/16/2023	100	139337	HOLCIM - MAMR INC	HIGHWAY - EXCESS EXCAVATED MATERIALS	52490	53100	168.00
11/16/2023	100	139339	INTERNATIONAL INSTITUTE OF	PREPAID EXPENSES	16200	00000	125.00
11/16/2023	100	139340	JX ENTERPRISES, INC.	HIGHWAY - EQUIP REPAIR & MAINT	52430	53100	1,252.63
11/16/2023	100	139342	KWIK TRIP INC.	FIRE PROTECTIVE SERVICES - FUEL	53420	52230	5,360.05
11/16/2023	100	139343	LIFE-ASSIST INC	FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	83.15
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	151.50
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	653.47
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	232.40
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	101.50
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	416.18
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	8.55
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	64.54
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	406.78
				FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	(283.50)
				CHECK 100 139343 TOTAL FOR FUND 100:			1,834.57

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 100 GENERAL FUND							
11/16/2023	100	139345	MARY STRANOWSKI	BUILDING SERVICES - TRAINING	52980	52400	665.25
				BUILDING SERVICES - MEETINGS & CONVEN	53210	52400	32.22
				CHECK 100 139345 TOTAL FOR FUND 100:			697.47
11/16/2023	100	139346	MATRIX TRUST COMPANY	DEFERRED COMPENSATION	21570	00000	50.00
				DEFERRED COMPENSATION	21570	00000	50.00
				CHECK 100 139346 TOTAL FOR FUND 100:			100.00
11/16/2023	100	139347*#	MENARDS	FIRE ADMINISTRATION - OPERATING SUPPL	53400	52210	15.99
				FIRE ADMINISTRATION - OPERATING SUPPL	53400	52210	53.12
				FIRE ADMINISTRATION - OPERATING SUPPL	53400	52210	123.65
				FIRE ADMINISTRATION - OPERATING SUPPL	53400	52210	(27.98)
				HIGHWAY - OPERATING SUPPLIES	53400	53100	5.98
				HIGHWAY - OPERATING SUPPLIES	53400	53100	118.84
				CHECK 100 139347 TOTAL FOR FUND 100:			289.60
11/16/2023	100	139349*#	MUNICIPAL LAW & LITIGATION GROUP	GENERAL AFFAIRS ATTORNEY	52100	51300	8,765.00
				POLICE - ATTORNEY	52100	52100	2,820.00
				PARKS - ATTORNEY	52100	55200	198.00
				PLANNER - ATTORNEY	52100	56300	471.00
				CHECK 100 139349 TOTAL FOR FUND 100:			12,254.00
11/16/2023	100	139350	NAPA	FIRE PROTECTIVE SERVICES - VEHICLE RE	52440	52230	135.75
11/16/2023	100	139351	NATIONWIDE RETIREMENT SOLUTIONS	DEFERRED COMPENSATION	21570	00000	2,169.00
				DEFERRED COMPENSATION	21570	00000	2,169.00
				CHECK 100 139351 TOTAL FOR FUND 100:			4,338.00
11/16/2023	100	139353*#	PARKING LOT MAINTENANCE	HIGHWAY - ROAD REPAIRS	53730	53100	11,250.00
11/16/2023	100	139355	PROHEALTH PHARMACY WAUKESHA	FIRE PROTECTIVE SERVICES - EMS OPERAT	53450	52230	1,449.29
11/16/2023	100	139357	SHAWNS DEER PICK UP	DEER CONTROL - CONTRACTED SERVICES	52990	54160	720.00
11/16/2023	100	139358	SHIELD SOLUTIONS	FIRE PROTECTIVE SERVICES - OPERATING	53400	52230	396.00
11/16/2023	100	139359	SIGNARAMA	HIGHWAY - OPERATING SUPPLIES	53400	53100	150.00
11/16/2023	100	139360	SOFT WATER, INC.	FIRE ADMINISTRATION - OPERATING SUPPL	53400	52210	70.00
11/16/2023	100	139361	STRYKER SALES CORPORATION	FIRE PROTECTIVE SERVICES - EQUIP REPA	52430	52230	625.35

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 100 GENERAL FUND							
				FIRE PROTECTIVE SERVICES - EQUIP REPA	52430	52230	338.71
				CHECK 100 139361 TOTAL FOR FUND 100:			964.06
11/16/2023	100	139362	TIA FIORENTINO	CLERK/TREASURER - MILEAGE	53300	51420	19.00
11/16/2023	100	139363	VERIZON	FIRE ADMINISTRATION - PHONE & CELL	52260	52210	49.49
				FIRE ADMINISTRATION - PHONE & CELL	52260	52210	40.03
				CHECK 100 139363 TOTAL FOR FUND 100:			89.52
11/16/2023	100	139364	VILLAGE OF PEWAUKEE	LIBRARY - OPERATING SUPPLIES	53400	55110	72,649.58
11/16/2023	100	139365	WASTE MANAGEMENT	RECYCLE - HAULING RECYCLABLES	52900	53635	4,186.64
11/16/2023	100	139366	WAUKESHA CO TECHNICAL COLLEGE	FIRE PROTECTIVE SERVICES - TRAINING	52980	52230	98.00
				Total for fund 100 GENERAL FUND			388,456.50

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 230 STORM WATER MANAGEMENT							
11/13/2023	100	139262*#	ARAMARK	CONTRACTED JANITORIAL	52400	53650	13.88
11/13/2023	100	139263*#	AT&T MOBILITY	TELEPHONE & CELL	52260	53650	144.70
11/13/2023	100	139267*#	BUMPER TO BUMPER HARTLAND	EQUIPMENT REPAIR & MAINT	52430	53650	62.72
				EQUIPMENT REPAIR & MAINT	52430	53650	193.78
				EQUIPMENT REPAIR & MAINT	52430	53650	112.65
				CHECK 100 139267 TOTAL FOR FUND 230:			369.15
11/13/2023	100	139271*#	COREY OIL	EQUIPMENT REPAIR & MAINT	52430	53650	1,128.60
				STORM WATER - VEHICLE REPAIR & MAINT	52440	53650	1,736.00
				CHECK 100 139271 TOTAL FOR FUND 230:			2,864.60
11/13/2023	100	139285*#	LITHO-CRAFT	OPERATING SUPPLIES	53400	53650	1,477.00
11/13/2023	100	139286*#	MARIANNE HILTUNEN	PROJECTS - HILL 'N DALE	58210	57301	3.93
				PROJECTS - VALLEY BROOK SUB. DITCH	58210	57354	26.20
				PROJECTS - YENCH ROAD CULVERT	58210	57355	9.17
				PROJECTS - WAGNER PARK POND	58200	57367	1.96
				CHECK 100 139286 TOTAL FOR FUND 230:			41.26
11/13/2023	100	139288*#	MENARDS	OPERATING SUPPLIES	53400	53650	13.98
				OPERATING SUPPLIES	53400	53650	94.65
				CHECK 100 139288 TOTAL FOR FUND 230:			108.63
11/13/2023	100	139291*#	PAYNE & DOLAN	CATCH BASIN MAINT - CATCH BASIN CLEAN	53510	53655	167.54
11/13/2023	100	139293	RICHARD WIRTZ	MEETINGS & CONVENTIONS	53210	53650	90.00
				MEETINGS & CONVENTIONS	53210	53650	100.00
				MILEAGE	53300	53650	165.06
				CHECK 100 139293 TOTAL FOR FUND 230:			355.06
11/13/2023	100	139294*#	RUEKERT & MIELKE, INC.	OUTSIDE ENGINEERING	52190	53650	211.75
				OUTSIDE ENGINEERING	52190	53650	217.31
				OUTSIDE ENGINEERING	52190	53650	217.31
				OUTSIDE ENGINEERING	52190	53650	217.31

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 230 STORM WATER MANAGEMENT							
				OUTSIDE ENGINEERING	52190	53650	217.31
				OUTSIDE ENGINEERING	52190	53650	372.73
				OUTSIDE ENGINEERING	52190	53650	514.25
				OUTSIDE ENGINEERING	52190	53650	466.97
				OUTSIDE ENGINEERING	52190	53650	244.78
				OUTSIDE ENGINEERING	52190	53650	286.15
				OUTSIDE ENGINEERING	52190	53650	618.22
				PROJECTS - HILL 'N DALE	58210	57301	6,189.08
				PROJECTS - VALLEY BROOK SUB. DITCH	58210	57354	8,931.97
				CHECK 100 139294 TOTAL FOR FUND 230:			18,705.14
11/13/2023	100	139296	SIGNARAMA	EQUIPMENT REPAIR & MAINT	52430	53650	54.00
11/13/2023	100	139299	TRUCK & AUTO ELEGANCE	STORM WATER - CAPITAL	58100	53650	532.00
11/13/2023	100	139305*#	WE ENERGIES	ELECTRICITY	52210	53650	433.54
				HEAT	52220	53650	97.25
				CHECK 100 139305 TOTAL FOR FUND 230:			530.79
11/13/2023	100	139306	WESTERN CULVERT & SUPPLY	DITCH & CULVERT MAINT - CULVERT REPLA	53510	53652	459.80
11/16/2023	100	139308*#	A&M CLEANING SOLUTIONS	CONTRACTED JANITORIAL	52400	53650	623.34
11/16/2023	100	139314	ALL-WAYS CONTRACTORS, INC	DITCH & CULVERT MAINT - DITCH MAINTEN	53520	53652	67.50
11/16/2023	100	139316*#	ARAMARK	CONTRACTED JANITORIAL	52400	53650	13.88
11/16/2023	100	139344	LINCOLN CONTRACTORS	OPERATING SUPPLIES	53400	53650	28.99
11/16/2023	100	139347*#	MENARDS	OPERATING SUPPLIES	53400	53650	29.94
				OPERATING SUPPLIES	53400	53650	52.70
				CHECK 100 139347 TOTAL FOR FUND 230:			82.64
11/16/2023	100	139348	MONROE TRUCK EQUIPMENT INC	STORM WATER - CAPITAL	58100	53650	30,959.00
11/16/2023	100	139349*#	MUNICIPAL LAW & LITIGATION GROUP	ATTORNEY	52100	53650	149.00
				PROJECTS - VALLEY BROOK SUB. DITCH	58210	57354	833.00
				PROJECTS - YENCH ROAD CULVERT	58210	57355	1,291.00
				CHECK 100 139349 TOTAL FOR FUND 230:			2,273.00
11/16/2023	100	139353*#	PARKING LOT MAINTENANCE	DITCH & CULVERT MAINT - CULVERT REPLA	53510	53652	3,950.00

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 230 STORM WATER MANAGEMENT							
11/16/2023	100	139354	PAYNE & DOLAN	CATCH BASIN MAINT - CATCH BASIN CLEAN	53510	53655	83.44
				CATCH BASIN MAINT - CATCH BASIN CLEAN	53510	53655	67.42
				CHECK 100 139354 TOTAL FOR FUND 230:			150.86
				Total for fund 230 STORM WATER MANAGEMENT			63,972.76

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 420 CAPTIAL ROAD PROJECTS							
11/13/2023	100	139260	ALL-WAYS CONTRACTORS, INC	APPLE TREE/PEAR TREE	58210	57561	346,297.29
11/13/2023	100	139286*#	MARIANNE HILTUNEN	APPLE TREE/PEAR TREE	58210	57561	38.65
11/13/2023	100	139294*#	RUEKERT & MIELKE, INC.	SHADY LANE	58210	57407	37,022.95
				ROUNDY'S INDUSTRIAL PARK #2	58210	57422	892.12
				JOSEPH ROAD	58210	57553	3,900.83
				SPICE CREEK/MEADOWBROOK FARMS #3	58210	57556	6,031.80
				SPICE CREEK/MEADOWBROOK FARMS PH 4	58210	57557	11,474.59
				APPLE TREE/PEAR TREE	58210	57561	497.91
				CHECK 100 139294 TOTAL FOR FUND 420:			59,820.20
				Total for fund 420 CAPTIAL ROAD PROJECTS			406,156.14

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 440 BIKE & PEDESTRIAN							
11/13/2023	100	139294*#	RUEKERT & MIELKE, INC.	NORTHVIEW ROAD SIDEWALK	58230	53550	195.50
				Total for fund 440 BIKE & PEDESTRIAN			195.50

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 490 CAPTIAL EQUIPMENT							
11/16/2023	100	139341	KNOX COMPANY	FIRE ADMINISTRATION - CAPITAL EQUIPME	58100	57220	2,622.00
				Total for fund 490 CAPTIAL EQUIPMENT			2,622.00

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 600 WATER UTILITY							
11/13/2023	100	139290*	OLAMETER CORP	WATER SVC CHG	21100	00000	25.20
				WATER USAGE	21100	00000	285.98
				HYDRANT-FIRE PROTECT	21100	00000	182.57
				CHECK 100 139290 TOTAL FOR FUND 600:			493.75
11/16/2023	100	139312*	ALL CITY COMMUNICATIONS INC.	ANSWERING SERVICE	52331	00921	43.23
11/16/2023	100	139315*	ALLMAX SOFTWARE INC	SCADA/TELEMETARY	52100	00950	1,195.00
11/16/2023	100	139318	BADGER METER	METER READING EXPENSES	52200	00901	1,200.00
11/16/2023	100	139321*#	CINTAS CORP	UNIFORMS	53410	00641	51.25
				UNIFORMS	53410	00641	51.25
				CHECK 100 139321 TOTAL FOR FUND 600:			102.50
11/16/2023	100	139338	HYDROCORP	CROSS CONNECTION INSPECTION	52381	00641	1,288.00
11/16/2023	100	139347*#	MENARDS	OPERATING SUPPLIES AND EXPENSE	53400	00641	29.98
				REPAIRS - HYDRANTS	52400	00654	16.65
				CHECK 100 139347 TOTAL FOR FUND 600:			46.63
11/16/2023	100	139352	NORTHERN LAKE SERVICE, INC	WATER TESTING	52310	00632	725.00
11/16/2023	100	139356	RUEKERT & MIELKE, INC.	BLUMD WATER MAIN-BUSSE TO FOSTER	12810	00107	5,596.20
				BLUMD WATER MAIN-BUSSE TO FOSTER	12810	00107	17,883.89
				CHECK 100 139356 TOTAL FOR FUND 600:			23,480.09
11/16/2023	100	139368*	XEROX CORPORATION	OFFICE SUPPLIES & EXPENSES	53100	00921	119.16
				Total for fund 600 WATER UTILITY			28,693.36

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 650 SEWER UTILITY							
11/13/2023	100	139290*	OLAMETER CORP	SEWER ADMIN	21100	00000	30.70
				SEWER OPR.	21100	00000	1,323.60
				CHECK 100 139290 TOTAL FOR FUND 650:			1,354.30
11/16/2023	100	139312*	ALL CITY COMMUNICATIONS INC.	ANSWERING SERVICE	52331	00921	43.22
11/16/2023	100	139315*	ALLMAX SOFTWARE INC	SCADA/TELEMETARY	52100	00950	1,195.00
11/16/2023	100	139321*#	CINTAS CORP	Uniforms & Protective Equipment	53410	01827	51.25
				Uniforms & Protective Equipment	53410	01827	51.25
				CHECK 100 139321 TOTAL FOR FUND 650:			102.50
11/16/2023	100	139323#	CITY OF BROOKFIELD	PRE - PAYMENTS	16200	00143	30,334.33
				SEWER SERVICE CHARGE - BROOKFIELD	52340	01827	330,754.16
				CHECK 100 139323 TOTAL FOR FUND 650:			361,088.49
11/16/2023	100	139327*#	ELLIOTTS ACE HARDWARE	MAINTENANCE OF GENERAL PLANT STRUCTUR	52400	01834	20.96
11/16/2023	100	139331	GREGG MARTIN INSTRUMENTATION	MAINTENANCE/SCS - FLOWMETER	52420	01831	600.00
11/16/2023	100	139367	WAUKESHA WATER UTILITY	SEWER SERVICE CHARGE - WCC	52344	01827	24,618.04
11/16/2023	100	139368*	XEROX CORPORATION	OFFICE SUPPLIES & EXPENSES	53100	00921	119.17
				Total for fund 650 SEWER UTILITY			389,141.68

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 800 CEMETERY							
11/13/2023	100	139286*#	MARIANNE HILTUNEN	CAPITAL - ROAD RECONSTRUCTION	58200	54910	33.41
				Total for fund 800 CEMETERY			33.41
			TOTAL - ALL FUNDS				1,279,271.35

'*'-INDICATES CHECK DISTRIBUTED TO MORE THAN ONE FUND
'#'-INDICATES CHECK DISTRIBUTED TO MORE THAN ONE DEPARTMENT

CITY OF PEWAUKEE
COMMON COUNCIL AGENDA ITEM 4.

DATE: November 20, 2023

DEPARTMENT: Public Works

PROVIDED BY: Magdelene Wagner

SUBJECT:

PUBLIC HEARING and Discussion and Possible Action Regarding the Shady Lane and Shady Nook Road Reconstruction Project [Wagner]

BACKGROUND:

The City authorized the road reconstruction for Shady Lane and Shady Nook as part of the 2023 budget. At the Common Council meeting August 7, 2023, the direction was to bid this project as a road only project with no utility extensions.

These roads are in poor condition and require reconstruction. Several years ago, we placed an asphalt overlay on the road to give the City time to plan and design the utility extensions. At the March 20,2023 Common Council meeting, the water main and sewer utility extensions were rejected.

The project was bid to remove the existing asphalt pavement and base stone, complete any subbase repairs, place new asphaltic concrete pavement, install new culverts, and ditching. The road assessment is $14,944.13/unit which exceeds the paving cap of $3,290.00.

Current policy for the road assessment is payment of the assessment over 10 years with simple interest. The interest rate for this project would be 5.5% (1% over the interest rate the City borrowed at for this and other projects per ordinance).

FINANCIAL IMPACT:

The 2023 budget included:
Road $500,000.00
Storm $250,000.00

The actual costs are:
Road $552,932.88
Storm $268,954.60

For the road construction, the budget is $52,932.88 short. I recommend reallocating from the Busse Road Bridge as this project is being funded by State funds.

RECOMMENDED MOTION:

Common Council accept the preliminary engineering report and special assessments and award the contract to the

lowest qualified bidder, Musson Bros, Inc. in the Amount of $573,693.61 and reallocate the necessary funds as requested.

ATTACHMENTS:

Description

Recommendation of Award

Preliminary Engineers Report

November 2, 2023

Ms. Magdelene J. Wagner, P.E.
Director of Public Works
City of Pewaukee
W240 N3065 Pewaukee Road
Pewaukee, WI 53072

RE: Shady Lane and Shady Nook Reconstruction
RD-22-57407 and ST-22-57333

Dear Ms. Wagner:

Bids for the above project were opened on Thursday, November 2, 2023 at 10:00 a.m. at W240 N3065 Pewaukee Road, Pewaukee, WI 53072 and were as follows:

	BIDDER	BASE BID
1.	Musson Brothers, Inc.	$573,693.61
2.	All-Ways Contractors, Inc.	$577,614.50
3.	C.W. Purpero, Inc.	$745,997.00

We reviewed the documentation submitted by the apparent low bidder and found that:

1. The Bid Form has been appropriately completed.

2. We have no objections to the low bidder, nor to the proposed major subcontractors and suppliers.

3. Low bidder has successfully completed similar projects over the last several years.

4. We note that there was a minor math error that revised the low bid upward by $11.34.

On these bases, we recommend that Musson Brothers, Inc. be awarded the Shady Lane and Shady Nook Reconstruction contract, in the amount of $573,693.61. This amount is based on the bid unit prices and estimated quantities. Actual quantities, and therefore the final contract price, may vary. On all construction projects, unpredictable factors may increase the final contract amount. For this reason, we recommend that the City of Pewaukee include a 10 percent contingency when preparing the financial plan for this work.

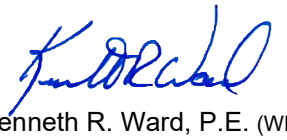
Our review did not include an evaluation of bidder's current financial condition nor of their permanent safety program.

Should you decide to accept our recommendation, we have prepared the enclosed Notice of Award for your use. After the City approval has been received, please have the appropriate official sign where indicated and forward a signed copy of the Notice of Award to our office. We will then fill in the date at the top of page one and forward it, with contracts for execution, to the Contractor. One fully completed Notice of Award will be returned to you for your records.

Bids remain subject to acceptance until December 31, 2023, unless Bidder agrees to an extension. Please advise us of your award decision, or call if there are any questions.

Respectfully,

RUEKERT & MIELKE, INC.



Kenneth R. Ward, P.E. (WI)
Vice President/Office Manager
kward@ruekert-mielke.com

KRW:acl

Encl: Notice of Award
Bid Tabulation

cc: Brennen E. Fischer, P.E., CFM, Ruekert & Mielke, Inc.
DeLeah M. Willman, E.I.T., Ruekert & Mielke, Inc.

NOTICE OF AWARD

		Date of Issuance:	_____
		Owner:	City of Pewaukee
Contract:	Shady Lane and Shady Nook Reconstruction	Owner's Contract No.:	RD-22-57407 and ST-22-57333
Bidder:	Musson Brothers, Inc.	Engineer:	Ruekert & Mielke, Inc.
Address:	1522 Pearl Street	Engineer's Project No.:	26-10029.200
	Waukesha, WI 53186		

TO BIDDER:

You are notified that your Bid dated November 2, 2023 for the above Contract has been accepted by Owner and you are the Successful Bidder and are awarded a Contract for:

Shady Lane and Shady Nook Reconstruction

The Contract Price of your Contract is: $ 573,693.61

Two (2) copies of the proposed Contract Documents (except Drawings) accompany this Notice of Award, or have been transmitted or made available to Bidder electronically.

Two (2) sets of the Drawings will be delivered separately, or otherwise made available to Bidder electronically.

Bidder must comply with the following conditions precedent within 15 days of the date of issuance of this Notice of Award:

1. Deliver to Engineer two (2) fully executed counterparts of the Contract Documents.
2. Deliver with the executed Agreement the Performance Bond, Payment Bond as specified in the Instructions to Bidders (Article 21), General Conditions (Paragraph 6.01).
3. Deliver with the executed Agreement certificates and other evidence of insurance as specified in the General Conditions (Article 6) and the Supplementary Conditions modifying Article 6 of the General Conditions.

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within 10 days after you comply with the above conditions, Engineer will return to you one fully executed counterpart of the Agreement.

Owner: CITY OF PEWAUKEE

Signature: _____
Authorized Signature

Title: _____

Date: _____

Copy: Engineer

Ruekert • Mielke
W233 N2080 Ridgeview Parkway
Waukesha, WI 53188-1020

COST COMPARISON OF BIDDERS

OWNER: City of Pewaukee
PROJECT: Shady Lane and Shady Nook Reconstruction
BID OPENING DATE: November 2, 2023

BASE BID				Musson Brothers, Inc.		All-Ways Contractors, Inc.		C.W. Purpero, Inc.	
ITEM #	ITEM DESCRIPTION	UNIT	QTY.	UNIT $	TOTAL	UNIT $	TOTAL	UNIT $	TOTAL
1	Mobilization	L.S.	1	$57,909.98	$57,909.98	$6,400.00	$6,400.00	$32,000.00	$32,000.00
2	Traffic control	L.S.	1	$2,500.00	$2,500.00	$2,500.00	$2,500.00	$5,000.00	$5,000.00
3	Tree removal	I.D.	270	$36.88	$9,957.60	$58.40	$15,768.00	$39.20	$10,584.00
4	Shrub removal	I.D.	781	$2.53	$1,975.93	$5.00	$3,905.00	$3.00	$2,343.00
5	Clearing and Grubbing	S.Y.	685	$5.39	$3,692.15	$7.00	$4,795.00	$5.70	$3,904.50
6	Manufactured Ditch Check	EA.	30	$65.00	$1,950.00	$65.00	$1,950.00	$132.00	$3,960.00
7	Full Depth Saw Cutting	L.F.	105	$6.00	$630.00	$5.00	$525.00	$3.00	$315.00
8	Dust Control using water	1,000 GAL	30	$0.01	$0.30	$1.00	$30.00	$75.00	$2,250.00
9	13-inch x 17-inch CMCA Culvert	L.F.	530	$73.61	$39,013.30	$73.00	$38,690.00	$86.00	$45,580.00
10	13-inch x 17-inch CMCA Culvert End Section	EA.	42	$323.41	$13,583.22 *	$220.00	$9,240.00	$209.00	$8,778.00
11	18-inch RCP CL IV Storm Sewer	L.F.	59	$103.24	$6,091.16	$94.00	$5,546.00	$128.00	$7,552.00
12	18-inch RCP CL IV Storm Sewer End Section	EA.	1	$2,114.94	$2,114.94	$2,890.00	$2,890.00	$1,700.00	$1,700.00
13	15-inch RCP CL IV Storm Sewer	L.F.	520	$77.49	$40,294.80	$87.40	$45,448.00	$103.00	$53,560.00
14	15-inch RCP CL IV Storm Sewer End Section	EA.	3	$1,956.76	$5,870.28	$2,640.00	$7,920.00	$1,400.00	$4,200.00
15	36-inch Storm inlet	EA.	4	$2,878.32	$11,513.28	$2,960.00	$11,840.00	$3,025.00	$12,100.00
16	48-inch Storm Manhole	EA.	1	$3,308.42	$3,308.42	$3,410.00	$3,410.00	$3,525.00	$3,525.00
17	60-inch Storm inlet	EA.	1	$5,354.93	$5,354.93	$4,915.00	$4,915.00	$4,800.00	$4,800.00
18	Construct Road to Subgrade	L.S.	1	$61,013.26	$61,013.26	$52,764.00	$52,764.00	$83,000.00	$83,000.00
19	Excavation Below Subgrade	C.Y.	430	$9.99	$4,295.70	$19.80	$8,514.00	$32.00	$13,760.00
20	Excavation Below Subgrade (EBS) Backfill	TON	860	$16.94	$14,568.40	$22.95	$19,737.00	$23.50	$20,210.00
21	Geogrid in EBS Area	S.Y.	1,285	$0.99	$1,272.15	$7.80	$10,023.00	$6.50	$8,352.50
22	1-1/4-inch Crushed TB Aggregate Base Course	TON	1,645	$15.57	$25,612.65	$21.40	$35,203.00	$24.00	$39,480.00
23	3/4-inch Crushed TB Aggregate Base Course	TON	1,645	$15.57	$25,612.65	$24.80	$40,796.00	$21.00	$34,545.00
24	3-1/4-inch Asphaltic Concrete Binder Course	TON	1,105	$67.35	$74,421.75	$69.90	$77,239.50	$74.00	$81,770.00
25	Tack Coat	GAL	415	$2.50	$1,037.50	$3.00	$1,245.00	$3.00	$1,245.00
26	1-3/4-inch Asphaltic Concrete Surface Course	TON	595	$79.85	$47,510.75	$81.80	$48,671.00	$86.00	$51,170.00
27	4-inch Asphaltic Concrete Driveway Replacement	S.F.	7,750	$4.90	$37,975.00	$3.20	$24,800.00	$4.00	$31,000.00
28	6-inch H.E.S. Concrete Driveway Replacement	S.F.	1,800	$8.85	$15,930.00	$10.10	$18,180.00	$10.70	$19,260.00
29	10-inch Crushed Aggregate Driveway Replacement	TON	35	$50.46	$1,766.10	$24.80	$868.00	$52.00	$1,820.00
30	Crushed Aggregate Shoulders	L.F.	3,345	$2.33	$7,793.85	$2.00	$6,690.00	$6.00	$20,070.00
31	Ditching	L.F.	2,800	$1.86	$5,208.00	$8.00	$22,400.00	$20.25	$56,700.00

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Ruekert • Mielke
W233 N2080 Ridgeview Parkway
Waukesha, WI 53188-1020

COST COMPARISON OF BIDDERS

OWNER: City of Pewaukee
PROJECT: Shady Lane and Shady Nook Reconstruction
BID OPENING DATE: November 2, 2023

BASE BID				Musson Brothers, Inc.		All-Ways Contractors, Inc.		C.W. Purpero, Inc.	
ITEM #	ITEM DESCRIPTION	UNIT	QTY.	UNIT $	TOTAL	UNIT $	TOTAL	UNIT $	TOTAL
32	Removal of Decorative Culvert Walls	EA.	4	$341.34	$1,365.36	$200.00	$800.00	$250.00	$1,000.00
33	Removal of Decorative Culvert Stones	EA.	5	$324.23	$1,621.15	$200.00	$1,000.00	$200.00	$1,000.00
34	Removal of Decorative Culvert Block Retaining Wall	EA.	2	$341.34	$682.68	$200.00	$400.00	$1,100.00	$2,200.00
35	Removal of Large Decorative Landscaping Stones	L.S.	1	$411.69	$411.69	$1,000.00	$1,000.00	$1,500.00	$1,500.00
36	Topsoil, Seed, Fertilizer, and Class 1, Type A Erosion Mat (Non-channel)	S.Y.	2,520	$6.45	$16,254.00	$6.45	$16,254.00	$11.10	$27,972.00
37	Topsoil, Seed, Fertilizer, and Class 1, Type A Erosion Mat (Channel)	S.Y.	1,260	$6.95	$8,757.00	$6.95	$8,757.00	$13.20	$16,632.00
38	Topsoil, No-mow seed, Fertilizer, and Class 1, Type B Erosion Mat (Non-channel)	S.Y.	520	$7.45	$3,874.00	$7.45	$3,874.00	$11.10	$5,772.00
39	Topsoil, No-mow seed, Fertilizer, and Class 1, Type B Erosion Mat (Channel)	S.Y.	260	$7.95	$2,067.00	$7.95	$2,067.00	$13.20	$3,432.00
40	Water for Restoration	1,000 GAL	120	$35.00	$4,200.00	$35.00	$4,200.00	$85.00	$10,200.00
41	Temporary Mailbox Relocation and Reinstallation	EA.	23	$203.16	$4,672.68	$120.00	$2,760.00	$185.00	$4,255.00
42	Repair Sprinkler System if ordered by Engineer	EA.	5	$1.00	$5.00	$470.00	$2,350.00	$750.00	$3,750.00
43	Repair Dog Fence if ordered by Engineer	EA.	5	$1.00	$5.00	$250.00	$1,250.00	$750.00	$3,750.00
TOTAL OF ALL UNIT BID PRICES					**$573,693.61 ***		**$577,614.50**		**$745,997.00**

* Line Item #10 Bid Price listed at $13,571.88 corrected to $13,583.22

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BID SUMMARY

Shady Lane and Shady Nook Reconstruction

City of Pewaukee, Waukesha County, Wisconsin

Bids Open: Thursday, November 2, 2023 / 10:00 A.M.

CONTRACTOR	BID BOND	ADDENDUM 1	ADDENDUM 2	BASE BID
Musson Brothers, Inc.	X	X	X	$573,682.27 *
All-Ways Contractors, Inc.	X	X	X	$577,614.50
C.W. Purpero, Inc.	X	X	X	$745,997.00

APPARENT LOW BID:	$573,682.27 *
APPARENT LOW BIDDER:	Musson Brothers, Inc.

* Actual Bid $573,693.61 after review.

RUEKERT & MIELKE, INC.
W233 N2080 Ridgeview Parkway
Waukesha, WI 53188-1020

Preliminary Report of the Engineer

On the Proposed Shady Lane and Shady Nook

Pavement Rehabilitation in the City of Pewaukee

In accordance with the resolution passed by the Common Council of the City of Pewaukee, we herewith submit our report on assessments for the rehabilitation of Shady Lane and Shady Nook and drainage improvements to be made in the City of Pewaukee. All data shown here is based on bid prices.

This report consists of the following Schedules:

Schedule "A": Summary of options for assessments and related costs.

Schedule "B": Legal description and map, dated May 2022, of all parcels within the assessment district.

Schedule "C": Estimated assessment for each parcel affected.

The properties against which the assessments are proposed are benefited and the improvements constitute an exercise of Police Powers.

Magdelene J. Wagener, P.E.
Director of Public Works/City Engineer
City of Pewaukee
W240N3065 Pewaukee Road
Pewaukee, WI 53072
November 20, 2023

Prepared by:
Brian G. Leightner, P.E.
Civil Engineer
November 2, 2023

Schedule “A” – Shady Lane and Shady Nook

The City of Pewaukee is considering the pavement rehabilitation of Shady Lane and Shady Nook. The improvements consist of road rehabilitation, drainage repair, and related facilities.

The cost of the road improvements will be apportioned to all property owners abutting the street with direct or indirect access. The City of Pewaukee shall cap the road assessments to the single-family, duplex residential, and residential condominium properties. All other properties shall pay the full road assessment.

Drainage improvements will be paid by the Storm Water Management Utility.

It is recommended that the costs for the improvements in Shady Lane and Shady Nook be determined on a unit basis.

UNIT RATE COMPUTATIONS

Road Rehabilitation Unit Rate

Estimated Road Reconstruction Costs (see attached breakdown)	$ 385,958.02
Previous Engineering	$ 51,187.46
Engineering, Administration, & Contingencies	$ 115,787.40
Total Estimated Road Reconstruction Costs	$ 552,932.88

$\frac{\$552,932.88}{37 \text{ units}}$ = $ 14,944.13/unit

Use $ 14,944.13/unit as the Road Rehabilitation Unit Rate[1].

Storm Water Management – Shady Lane and Shady Nook

Estimated Storm Water Utility Costs (see attached breakdown)	$ 187,735.59
Previous Engineering	$ 24,898.33
Engineering, Administration, & Contingencies	$ 56,320.68
Total Estimated Storm Water Utility Costs	$ 268,954.60

COST SUMMARY

Cost Summary

Total Project Costs	$ 821,887.48
Total Road Assessable Costs (deduct)	$ (102,268.26)
Total Deferred Road Assessable Costs (deduct)	$ (194,273.69)
Total Storm Water Utility Costs (deduct)	$ (268,954.60)
Net Non-assessable & City Costs	$ 256,390.93

[1] A maximum assessment of $ 3,290.00 (2024 Pavement Cap) will be assessed to single-family, duplex, and residential condominium properties.

Computation of Costs
Total Estimated Rehabilitation Project Costs

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	Mobilization	L.S.	1	$57,909.98	$ 57,909.98
2	Traffic control	L.S.	1	$ 2,500.00	$ 2,500.00
3	Tree removal	I.D.	270	$ 36.88	$ 9,957.60
4	Shrub removal	I.D.	781	$ 2.53	$ 1,975.93
5	Clearing and Grubbing	S.Y.	685	$ 5.39	$ 3,692.15
6	Manufactured Ditch Check	EA.	30	$ 65.00	$ 1,950.00
7	Full-Depth Saw Cutting	L.F.	105	$ 6.00	$ 630.00
8	Dust Control using water	1,000 GAL	30	$ 0.01	$ 0.30
9	13-inch × 17-inch CMCA Culvert	L.F.	530	$ 73.61	$ 39,013.30
10	13-inch × 17-inch CMCA Culvert End Section	EA.	42	$ 323.41	$ 13,583.22
11	18-inch RCP CL IV Storm Sewer	L.F.	59	$ 103.24	$ 6,091.16
12	18-inch RCP CL IV Storm Sewer End Section	EA.	1	$ 2,114.94	$ 2,114.94
13	15-inch RCP CL IV Storm Sewer	L.F.	520	$ 77.49	$ 40,294.80
14	15-inch RCP CL IV Storm Sewer End Section	EA.	3	$ 1,956.76	$ 5,870.28
15	36-inch Storm inlet	EA.	4	$ 2,878.32	$ 11,513.28
16	48-inch Storm Manhole	EA.	1	$ 3,308.42	$ 3,308.42
17	60-inch Storm inlet	EA.	1	$ 5,354.93	$ 5,354.93
18	Construct Road to Subgrade	L.S.	1	$61,013.26	$ 61,013.26
19	Excavation Below Subgrade	C.Y.	430	$ 9.99	$ 4,295.70
20	Excavation Below Subgrade (EBS) Backfill	TON	860	$ 16.94	$ 14,568.40
21	Geogrid in EBS Area	S.Y.	1285	$ 0.99	$ 1,272.15
22	1 ¼-inch Crushed TB Aggregate Base Course	TON	1645	$ 15.57	$ 25,612.65
23	¾-inch Crushed TB Aggregate Base Course	TON	1645	$ 15.57	$ 25,612.65
24	3 ¼-inch Asphaltic Concrete Binder Course	TON	1105	$ 67.35	$ 74,421.75
25	Tack Coat	GAL	415	$ 2.50	$ 1,037.50
26	1 ¾-inch Asphaltic Concrete Surface Course	TON	595	$ 79.85	$ 47,510.75
27	4-inch Asphaltic Concrete Driveway Replacement	S.F.	7750	$ 4.90	$ 37,975.00
28	6-inch H.E.S. Concrete Driveway Replacement	S.F.	1800	$ 8.85	$ 15,930.00

Total Estimated Rehabilitation Project Costs – Continued

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
29	10-inch Crushed Aggregate Driveway Replacement	TON	35	$ 50.46	$ 1,766.10
30	Crushed Aggregate Shoulders	L.F.	3345	$ 2.33	$ 7,793.85
31	Ditching	L.F.	2800	$ 1.86	$ 5,208.00
32	Removal of Decorative Culvert Walls	EA.	4	$ 341.34	$ 1,365.36
33	Removal of Decorative Culvert Stones	EA.	5	$ 324.23	$ 1,621.15
34	Removal of Decorative Culvert Block Retaining Wall	EA.	2	$ 341.34	$ 682.68
35	Removal of Large Decorative Landscaping Stones	L.S.	1	$ 411.69	$ 411.69
36	Topsoil, Seed, Fertilizer, and Class 1, Type A Erosion Mat (Non-channel)	S.Y.	2520	$ 6.45	$ 16,254.00
37	Topsoil, Seed, Fertilizer, and Class 1, Type A Erosion Mat (Channel)	S.Y.	1260	$ 6.95	$ 8,757.00
38	Topsoil, Seed, Fertilizer, and Class 1, Type B Erosion Mat (Non-channel)	S.Y.	520	$ 7.45	$ 3,874.00
39	Topsoil, Seed, Fertilizer, and Class 1, Type B Erosion Mat (Channel)	S.Y.	260	$ 7.95	$ 2,067.00
40	Water for Restoration	1,000 GAL	120	$ 35.00	$ 4,200.00
41	Temporary Mailbox Relocation and Reinstallation	EA.	23	$ 203.16	$ 4,672.68
42	Repair Sprinkler System if ordered by Engineer	EA.	5	$ 1.00	$ 5.00
43	Repair Dog Fence if ordered by Engineer	EA.	5	$ 1.00	$ 5.00
	Subtotal of Contract				$573,693.61
	Previous Engineering				$ 76,085.79
	Engineering, Administration, & Contingencies				$172,108.08
	Total Project Costs				$821,887.48

Total Estimated Project Costs = $ 821,887.48

Total Estimated Road Rehabilitation and Assessable Costs

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	Mobilization	L.S.	0.67	$57,909.98	$ 38,799.69
2	Traffic control	L.S.	0.67	$ 2,500.00	$ 1,675.00
6	Manufactured Ditch Check	EA.	30	$ 65.00	$ 1,950.00
7	Full-Depth Saw Cutting	L.F.	105	$ 6.00	$ 630.00
8	Dust Control using water	1,000 GAL	30	$ 0.01	$ 0.30
18	Construct Road to Subgrade	L.S.	1	$61,013.26	$ 61,013.26
19	Excavation Below Subgrade	C.Y.	430	$ 9.99	$ 4,295.70
20	Excavation Below Subgrade (EBS) Backfill	TON	860	$ 16.94	$ 14,568.40
21	Geogrid in EBS Area	S.Y.	1285	$ 0.99	$ 1,272.15
22	1 ¼-inch Crushed TB Aggregate Base Course	TON	1645	$ 15.57	$ 25,612.65
23	¾-inch Crushed TB Aggregate Base Course	TON	1645	$ 15.57	$ 25,612.65
24	3 ¼-inch Asphaltic Concrete Binder Course	TON	1105	$ 67.35	$ 74,421.75
25	Tack Coat	GAL	415	$ 2.50	$ 1,037.50
26	1 ¾-inch Asphaltic Concrete Surface Course	TON	595	$ 79.85	$ 47,510.75
27	4-inch Asphaltic Concrete Driveway Replacement	S.F.	7750	$ 4.90	$ 37,975.00
28	6-inch H.E.S. Concrete Driveway Replacement	S.F.	1800	$ 8.85	$ 15,930.00
29	10-inch Crushed Aggregate Driveway Replacement	TON	35	$ 50.46	$ 1,766.10
30	Crushed Aggregate Shoulders	L.F.	3345	$ 2.33	$ 7,793.85
32	Removal of Decorative Culvert Walls	EA.	2	$ 341.34	$ 682.68
33	Removal of Decorative Culvert Stones	EA.	2.5	$ 324.23	$ 810.58
34	Removal of Decorative Culvert Block Retaining Wall	EA.	1	$ 341.34	$ 341.34
36	Topsoil, Seed, Fertilizer, and Class 1, Type A Erosion Mat (Non-channel)	S.Y.	1260	$ 6.45	$ 8,127.00
37	Topsoil, Seed, Fertilizer, and Class 1, Type A Erosion Mat (Channel)	S.Y.	630	$ 6.95	$ 4,378.50
38	Topsoil, Seed, Fertilizer, and Class 1, Type B Erosion Mat (Non-channel)	S.Y.	260	$ 7.45	$ 1,937.00
39	Topsoil, Seed, Fertilizer, and Class 1, Type B Erosion Mat (Channel)	S.Y.	130	$ 7.95	$ 1,033.50
40	Water for Restoration	1,000 GAL	60	$ 35.00	$ 2,100.00

Total Estimated Road Rehabilitation and Assessable Costs – Continued

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
41	Temporary Mailbox Relocation and Reinstallation	EA.	23	$ 203.16	$ 4,672.68
42	Repair Sprinkler System if ordered by Engineer	EA.	5	$ 1.00	$ 5.00
43	Repair Dog Fence if ordered by Engineer	EA.	5	$ 1.00	$ 5.00
	Subtotal of Contract				$385,958.02
	Previous Engineering				$ 51,187.46
	Engineering, Administration, & Contingencies				$115,787.40
	Total Project Costs				$552,932.88

Total Estimated Road Rehabilitation Costs = $ 552,932.88

Total Potential Units abutting the Road = 37 units[1]

Computation of Unit Cost: $\frac{\$\ 552{,}932.88}{37\ \text{units}} = \$\ 14{,}944.13/\text{unit}$

Use $ 14,944.13/unit as the Road Rehabilitation Unit Rate[2].

[1] Includes potential units in deferred assessments.
[2] A maximum assessment of $ 3,290.00 (2024 Pavement Cap) will be assessed to single-family, duplex, and residential condominium properties.

Total Estimated Storm Water Utility Costs

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	Mobilization	L.S.	0.33	$57,909.98	$ 19,110.29
2	Traffic control	L.S.	0.33	$ 2,500.00	$ 825.00
3	Tree removal	I.D.	270	$ 36.88	$ 9,957.60
4	Shrub removal	I.D.	781	$ 2.53	$ 1,975.93
5	Clearing and Grubbing	S.Y.	685	$ 5.39	$ 3,692.15
9	13-inch × 17-inch CMCA Culvert	L.F.	530	$ 73.61	$ 39,013.30
10	13-inch × 17-inch CMCA Culvert End Section	EA.	42	$ 323.41	$ 13,583.22
11	18-inch RCP CL IV Storm Sewer	L.F.	59	$ 103.24	$ 6,091.16
12	18-inch RCP CL IV Storm Sewer End Section	EA.	1	$ 2,114.94	$ 2,114.94
13	15-inch RCP CL IV Storm Sewer	L.F.	520	$ 77.49	$ 40,294.80
14	15-inch RCP CL IV Storm Sewer End Section	EA.	3	$ 1,956.76	$ 5,870.28
15	36-inch Storm inlet	EA.	4	$ 2,878.32	$ 11,513.28
16	48-inch Storm Manhole	EA.	1	$ 3,308.42	$ 3,308.42
17	60-inch Storm inlet	EA.	1	$ 5,354.93	$ 5,354.93
31	Ditching	L.F.	2800	$ 1.86	$ 5,208.00
32	Removal of Decorative Culvert Walls	EA.	2	$ 341.34	$ 682.68
33	Removal of Decorative Culvert Stones	EA.	2.5	$ 324.23	$ 810.58
34	Removal of Decorative Culvert Block Retaining Wall	EA.	1	$ 341.34	$ 341.34
35	Removal of Large Decorative Landscaping Stones	L.S.	1	$ 411.69	$ 411.69
36	Topsoil, Seed, Fertilizer, and Class 1, Type A Erosion Mat (Non-channel)	S.Y.	1260	$ 6.45	$ 8,127.00
37	Topsoil, Seed, Fertilizer, and Class 1, Type A Erosion Mat (Channel)	S.Y.	630	$ 6.95	$ 4,378.50
38	Topsoil, Seed, Fertilizer, and Class 1, Type B Erosion Mat (Non-channel)	S.Y.	260	$ 7.45	$ 1,937.00
39	Topsoil, Seed, Fertilizer, and Class 1, Type B Erosion Mat (Channel)	S.Y.	130	$ 7.95	$ 1,033.50
40	Water for Restoration	1,000 GAL	60	$ 35.00	$ 2,100.00
	Subtotal of Contract				$187,735.59
	Previous Engineering				$ 24,898.33
	Engineering, Administration, & Contingencies				$ 56,320.68
	Total Project Costs				$268,954.60

Total Estimated Storm Water Utility Costs – Continued

Total Estimated Storm Water Utility Costs = $ 268,954.60

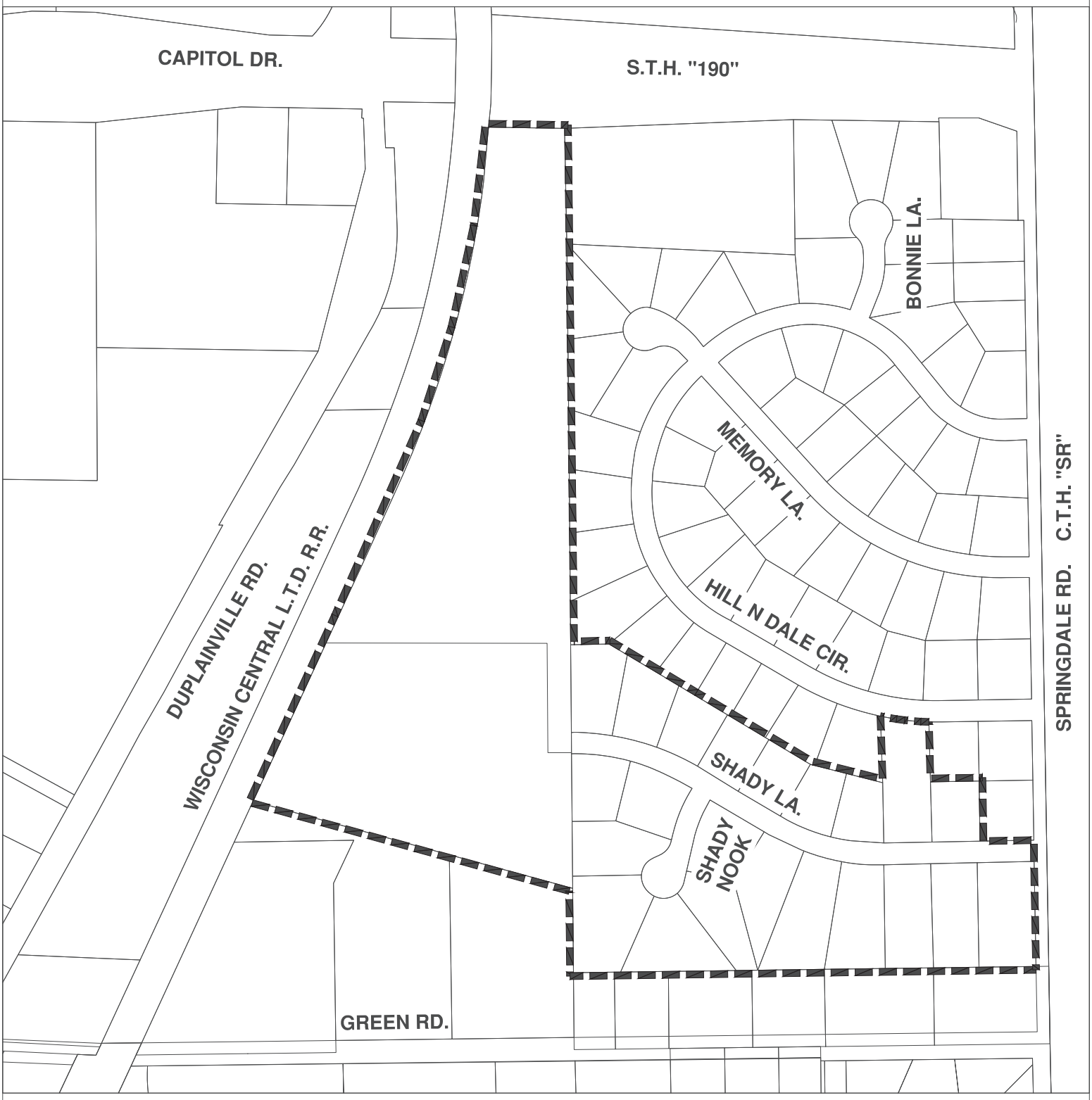
May 25th, 2022

An Area of Assessment in the Southeast ¼ of Section 12, T7N, R19E, In the City of Pewaukee, Waukesha County, Wisconsin. Bound and Described as Follows:

Commencing at the SE Corner of the SE ¼ of Section 12, T7N, R19E, Thence N0°57'41"W Along the East Line of said SE 1/4 , 215.00 Feet; Thence S89°18'19"W, Along the Extension of the South Line of Hill n Dale Subdivision, 33.00 Feet, to the SE Corner of Lot 1 Block 1 of Said Subdivision, Also being the Point of Beginning of Area to Be Described; Thence N0°57'41"W Along the East Line of Said Lot 1, 294.33 Feet, to the NE Corner of Said Lot 1, Also Being a Point on the South R/W Line of Shady Lane; Thence N69°16'13"W, 162.10 Feet, to the SE Corner of Lot 34 Block 2 of Said Subdivision; Thence N0°59'32"W, 167.61 Feet, to the NE Corner of Said Lot 34; Thence S89°02'19"W, 135.00 Feet, to a Point on the East Line of CSM #8233; Thence N0°47'41"W, 167.76 Feet to the NE Corner of CSM #8233, Also Being a Point on the South R/W of Hill N Dale Circle; Thence Along said South R/W, 138.03 Feet Along the Arc of a Curve whose Center is to the North, Chord Bears N83°17'18W, 137.85 Feet, Whose Radius is 770.73 Feet; Thence S1°09'29"E Along the West Line of Said CSM, 186.16 Feet to the NE Corner of Lot 36 Block 2 of Said Subdivision; Thence N75°38'41"W, 206.44 Feet to the NE Corner of Lot 2 CSM #8880; Thence N59°01'41"W, 658.64 Feet, to the SW Corner of Lot 24 Block 2 of Said Subdivision; Thence S89°27'19"W, 108.50 Feet, to a point on the West Line of Said Subdivision; Thence N0°32'41"W Along Said West Line, 1440.39 Feet, to the NW Corner of Hill N Dale Subdivision, Also being a Point on the South R/W of Capitol Drive; Thence N88°51'08"W, Along Said South R/W, 206.20 Feet to a point on the East R/W Line of Canadian National Railroad; Thence Along Said East R/W, Along the Arc of a curve, 1078.28 Feet, Whose Center is to the West, Chord Bears S14°37'20"W, 1072.17 Feet, whose Radius is 2921.43 Feet; Thence S25°01'32"W Continuing Along Said East R/W, 932.81 Feet to the SW Corner of CSM #12247; Thence S74°33'16E Along the South Line of Said CSM, 925.03 Feet, to a point on the West Line of Said Subdivision; Thence S0°32'41"E Along Said West Line, 234.94 Feet, To the SW Corner of Said Subdivision; Thence N89°18'19, Along the South Line of Said Subdivision, 1294.47 Feet, To the Point of Beginning.

Dave Geis
Senior Engineering Technician
City of Pewaukee

SHADY LANE AND SHADY NOOK 2022 PAVING PROGRAM
ROAD RESURFACING
RD-22-57407
ROAD ASSESSMENT
CITY OF PEWAUKEE
WAUKESHA COUNTY, WISCONSIN



CITY OF PEWAUKEE

LEGEND

ROAD ASSESSMENT AREA BOUNDARY

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SCALE IN FEET

DATE: MAY, 2022

SCHEDULE C
PRELIMINARY ASSESSMENT ROLL
SHADY LANE SHADY NOOK 2023 RECONSTRUCTION
RD-22-57047, ST-22-57333

NO.	OWNER'S NAME AND ADDRESS	TAX KEY NO.	DESCRIPTION	UNIT	COST/UNIT	ASSESSMENT	ASSESSMENT CAP	TOTAL ASSESSMENT
1	ANDERSON FAMILY REVOCABLE LIVING TRUST DATED 7/29/14 N31W22025 SHADY LANE PEWAUKEE WI 53072-4121	PWC 0912001	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
2	MICHAEL SHARP JOLENE SHARP N31W22039 SHADY LANE PEWAUKEE WI 53072	PWC 0912002	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
3	JOHN KOPECKY CINDY KOPECKY N31W22087 SHADY LANE PEWAUKEE WI 53072-3401	PWC 0912003	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
4	RHONDA L ZIEGLER MICHAEL T WADDELL N31W22095 SHADY LANE PEWAUKEE WI 53072-4121	PWC 0912004	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
5	NOEL H CALDERON LAURA B CALDERON N31W22117 SHADY LANE PEWAUKEE WI 53072	PWC 0912005	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
6	PETER T LABISSONIERE N31W22141 SHADY LANE PEWAUKEE WI 53072	PWC 0912006	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
7	GARY SIMZAK GEORGIANN SIMZAK N32W22161 SHADY LANE PEWAUKEE WI 53072	PWC 0912007	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
8	MATTHEW PICKETT JESSICA PICKETT W221N3148 SHADY NOOK PEWAUKEE WI 53072	PWC 0912008	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
9	CLARENCE OTT AUDREY OTT N31W22207 SHADY NOOK PEWAUKEE WI 53072	PWC 0912009	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
10	JOHN P JONES KELLY J JONES W222N3167 SHADY NOOK PEWAUKEE WI 53072	PWC 0912010	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00

SCHEDULE C
PRELIMINARY ASSESSMENT ROLL
SHADY LANE SHADY NOOK 2023 RECONSTRUCTION
RD-22-57047, ST-22-57333

NO.	OWNER'S NAME AND ADDRESS	TAX KEY NO.	DESCRIPTION	UNIT	COST/UNIT	ASSESSMENT	ASSESSMENT CAP	TOTAL ASSESSMENT
11	ANDREW BEHLING IVONNE RUBIO W222N3187 SHADY NOOK PEWAUKEE WI 53072-4153	PWC 0912011	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
12	MAIKE U O'ROURKE UWE M KONOPKA C/O GEORG KONOPKA N32W22211 SHADY LANE PEWAUKEE WI 53072	PWC 0912012	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
13	BRYAN MCDERMOTT N32W22207 SHADY LANE PEWAUKEE WI 53072	PWC 0912013	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
14	MARK A WILLIAMSON N32W22154 SHADY LANE PEWAUKEE WI 53072	PWC 0912041004	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
15	KEVIN BROUWER N31W22050 SHADY LANE PEWAUKEE WI 53072	PWC 0912047	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
16	JASON P KLEINHANS N31W22080 SHADY LANE PEWAUKEE WI 53072-4120	PWC 0912048001	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
17	JEFFREY LOOYSEN JENNIFER LOOYSEN N31W22104 SHADY LANE PEWAUKEE WI 53072	PWC 0912049	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
18	ERIC NORPPA BETH NORPPA N31W22130 SHADY LANE PEWAUKEE WI 53072	PWC 0912050	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
19	CHAD BOYLES LORI BOYLES N32W22180 SHADY LANE PEWAUKEE WI 53072	PWC 0912052	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
20	MONICA ZABEL ERIK ZABEL N32W22198 SHADY LANE PEWAUKEE WI 53072	PWC 0912053	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00

SCHEDULE C
PRELIMINARY ASSESSMENT ROLL
SHADY LANE SHADY NOOK 2023 RECONSTRUCTION
RD-22-57047, ST-22-57333

NO.	OWNER'S NAME AND ADDRESS	TAX KEY NO.	DESCRIPTION	UNIT	COST/UNIT	ASSESSMENT	ASSESSMENT CAP	TOTAL ASSESSMENT
21	KARSTEN BLACK LAUREN JOHNSON N32W22216 SHDAY LANE PEWAUKEE WI 53072-4124	PWC 0912054	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
22	KENNETH JOHNSON DAWN JOHNSON N32W22240 SHADY LANE PEWAUKEE WI 53072	PWC 0912055	Road Reconstruction	1	$ 14,944.13	$ 14,944.13	$3,290.00	$ 3,290.00
23	RELEVANT RADIO, INC. 1496 BELLEVUE ST STE 202 GREEN BAY WI 54311-4205	PWC 0912982001	Road Reconstruction Road Reconstruction - Deferred	1 6	$ 14,944.13 $ 14,944.13	$ 14,944.13 $ 89,664.78		$ 14,944.13 $ 89,664.78 D
24	CITY OF PEWAUKEE W240N3065 PEWAUKEE RD PEWAUKEE WI 53072-4044	PWC 0912982002	Road Reconstruction Road Reconstruction - Deferred	1 7	$ 14,944.13 $ 14,944.13	$ 14,944.13 $ 104,608.91		$ 14,944.13 $ 104,608.91 D
			TOTAL CONTRIBUTION IN AID OF ROAD RECONSTRUCTION					$ 102,268.26
			TOTAL CONTRIBUTION IN AID OF ROAD RECONSTRUCTION (Deferred)					$ 194,273.69

The properties against which contributions in aid of construction of proposed benefits and improvements constitute an exercise of Police Powers.

DATE: November 20, 2023

DEPARTMENT: Planning

PROVIDED BY: Nick Fuchs

SUBJECT:

Discussion and Possible Action to Award the City Hall and DPW Facility Solar Panel Installation Project to the Lowest Qualified Bidder, Current Electric Company, in the Amount of $1,424,000 [Fuchs]

BACKGROUND:

The City issued a notice to bidders for installation of solar panels at City Hall and the Public Works facility on Green Road. The project received a single bidder, which was Current Electric.

A brief summary of each project is below.

City Hall
The bid for ground mounted solar at City Hall includes upfront costs of $697,000 with $242,100 of potential rebates for a net cost of $454,900. This is an internal rate of return of 7.9% with a payback period estimated at 12.4 years.

DPW Facility
The bid for ground mounted solar at the DPW facility includes upfront costs of $727,000 with $251,100 of potential rebates for a net cost of $475,900. This is an internal rate of return of 7.8% with a payback period estimated at 12.5 years.

Current Electric's bid includes labor and materials for the installation of the solar panels. The bid does not include grading, drainage, or storm water management costs for either site.

With the agreement being signed this year, installation is expected to occur between April and June of 2024.

Other project costs that may be incurred by the City as a result of this project include storm water management, installation of greenspace to maintain a 40% minimum at City Hall, permit fees, and costs attributed to grid upgrades imposed by We Energies.

FINANCIAL IMPACT:

Again, the total upfront project costs are $1,424,000. Current Electric requires 30% down, 60% upon installation, and 10% when the project is commissioned.

Staff is proposing that these projects be paid for by utilizing the American Rescue Plan Act funds received from the Federal government. The current balance of these funds is about $1,530,000. The remaining $106,000 would be used for

contingencies, including any additional or unforeseen project costs.

It can be noted that Current Electric offers an operation and maintenance program for management and monitoring of the system. This would be at an additional cost of $125 per month.

The largest future cost related to the solar panel systems is replacement of inverters, which is anticipated around year 15. Each site contains two invertors. The cost of four inverters today would be roughly between $15,000 and $20,000.

Rebates
The City will be eligible to receive rebates for the installation of solar panels. There is a Federal Tax Credit that the City is eligible to receive. The typical investment tax credit for a small solar asset is 30% of the qualifying costs of the solar asset; however, the project will need to be reviewed to determine the exact amount. At 30%, the City may receive $209,100 for City Hall and $218,100 for the DPW site.

Focus on Energy provides a Business Customer PV Incentive rebate. This is estimated at $33,000 for each site ($66,000 total).

Staff will also be reviewing the Public Service Commission of Wisconsin Energy Innovation Grant Program for eligibility and additional funding.

RECOMMENDED MOTION:

Common Council award the City Hall and DPW solar projects to the lowest qualified bidder, Current Electric, LLC, in the amount of $1,424,000.

ATTACHMENTS:

Description

Solar Projects General Notes
City Hall Solar Energy Proposal
City Hall Project Details
DPW Solar Energy Proposal
DPW Project Details
Current Electric References

Current Electric Co.
2942 N 117th st
Wauwatosa, WI 53222
262-786-5885

10/24/2023

Solar Project General Notes

Please see attached for Current Electric's proposal and supporting documentation for the solar installations for the City of Pewaukee City Hall and DPW locations. Here are a few general notes that I would like to highlight:

1. Our analysis shows that a 300KWDC solar array would produce the optimal production, all things considered.
2. There are several governmental and non-governmental incentives that may be utilized to reduce the overall costs for this system. Such as the IRA, FOE, EIGP Grants and more.
3. If a contract was signed this year our availability to install, taking in to consideration site conditions, Current Electric would be able to installed the system as early as Q2 2024.
4. Our company's system monitoring policy. Training we provide to the City's facilities staff after commissioning will give them the tools to do basic monitoring and troubleshooting. If the City were to subscribe to our O&M plan (not included), the solar array would be actively monitored remotely by our team.
5. Driven screw refusal for the racking screws was assumed to occur for less than 2% of all installed screws.
6. It was assumed that there are no unseen underground geotechnical obstacles in the path of proposed trenches and/or boring routes.
7. No new drainage or stormwater features will be installed as part of this work.
8. No major site grading was assumed for these projects. Low grow vegetation is assumed for the ground cover beneath the array.
9. Any costs attributed to grid upgrades imposed by WE Energies were not included.

Randy Handeland
Commercial Solar
Current Electric

Current Electric Co.
2942 N 117th st
Wauwatosa, WI 53222
262-786-5885

Solar Energy Proposal

October 24, 2023

Pewaukee City Hall
W240N3065 Pewaukee Rd
Pewaukee, WI 53072
Attention: Nick Fuchs

Re: Solar Installation located at W240N3065 Pewaukee WI., 300kw Array.

Current Electric Company proposes to furnish and install the labor and materials associated with the photovoltaic system at the above referenced location per specifications provided.

Electrical Scope:

- Properly design the P.V. solar electrical system.
- Pull Electrical and Building/Zoning permit as required by AHJ.
- Furnish and Install 300 kw of tier one solar modules to approved design standards, (550) 545w High Efficiency Phono Solar Modules.
- Install (4) Solatia PVI-60TL string Inverters.
- Furnish and Install Sunmodo (or similar) single tilt fixed ground mount racking system.
- Furnish and install (1) MDP with main disconnect and circuit breakers.
- Furnish and install (1) properly sized main rated, fusible, disconnect.
- Furnish and install grounding system to properly ground the solar array. All grounding installed per the NEC and requirements per UL listing. (Does not include any substation bonding requirements on fence distribution gear)
- Test the system for proper operation and inspect installation and close out applicable permits
- Assumes exterior run conduits to be PVC or HDPE type except where exposed to severe physical damage.
- Feeders larger than 100 amps to be Aluminum as allowed to provide less than 1.5% voltage drop per Southwire True Voltage Calculator.
- PV, DC wires to be ran in proper sized conduit, or open wire-way basket as field designed and installed by Current Electric.
- Interior conduit runs (if preferred) may incur additional charges depending on the difficulty of those interior runs.
- Furnish and install Combiner Panel at array.
- Underground feeders to be buried at a minimum depth of 18”.
- Includes backfilling trench with existing spoils. (Does not include any topsoil addition). Ruts to be racked to grade. Does not include any seed or plants.
- Does NOT include alternate foundations for rejected posts
- Unforeseen site conditions such as bedrock, utilities, environmental hazards, wetlands, foundations and the like are not included.
- Includes 5 Year Current Electric Workmanship Warranty
- Insurance requirements per. Current Electric Company policy. Available upon request.
- Furnish and install (1) 4000-amp tran-scocket and disconnect.
- Run conduit form array to west wall through or on the pump-house. Cut asphalt and concrete as necessary, maximum of 70 ft. Trench approx. 350ft.

TERMS AND CONDITIONS PAGE: EFFECTIVE AS OF October, 2023

ACCEPTANCE OF PROPOSAL I hereby agree to contract with Current Electric to install the PV System at the above-referenced location per the scope listed above and payment terms listed below.

PAYMENT TERMS:

30% down, 60% upon installation; 10% when project is commissioned. I (we) agree to pay a service charge of $35.00 for any checks returned from my (our) bank unpaid for any reason. I (we) will pay all expenses, including actual attorney's fees and all collection costs incurred by Current Electric in the enforcement of this agreement and the collection of any charges due hereunder. I (we) agree to pay interest at a rate of 18% per annum on all unpaid invoices over 30 days old.

All payments must be made according to the scheduled agreement. Check, Wire Transfer, and Cash are all acceptable methods of payment.

As required by the Wisconsin Construction Lien Law, the builder hereby notifies the owner that persons or companies furnishing labor or materials for the construction on owner's land may have lien rights on owner's land and buildings if not paid. Those entitled to lien rights, in addition to the above signed builder, are those who contract directly with the owner or those who give the owner notice within 60 days after they first furnish labor or materials for the construction. Accordingly, the owner probably will receive notices from those who furnish labor or materials for the construction and should give a copy of each notice received to his mortgage lender, if any. Builder agrees to cooperate with the owner and his lender, if any, to see that all potential lien claimants are duly paid.

REBATES AND INCENTIVES:

Federal Tax Credit (ITC) - 30%

Businesses that install solar photovoltaic (PV) systems are eligible to receive an (ITC) investment tax credit, which can be used to directly offset federal tax liability on a dollar-of-dollar basis. If the tax credit exceeds your tax liability you can roll the credit into future tax periods for 20 years or the past 3 years. We recommend the client to seek the appropriate accounting and/or financial consultation concerning any tax liabilities that may be associated with the receipt of the rebate. Current Electric is not a tax consultant.

Focus on Energy (FOE) - Rebate is not guaranteed

Current Electric will handle submitting all documents to FOE once the project is completed and paid for. Federal, State, Local, Utility program guidelines and rebate levels are subject to

change without notice, and may be terminated by executive, legislative or regulatory action at any time. Current Electric is not held accountable for loss of rebate, income, savings or delays resulting from such a situation.

SOLAR ELECTRIC SYSTEM REBATE

Rebates for installing and qualifying solar electric system. To qualify for a rebate you must:

- Install the solar electric system in an existing or new construction.

Solar Electric System Equipment & Property Requirements

- Selected qualified models from the Solar Electric Qualified Equipment List, which can be found in the supporting documents section below.
- System capacity must be 0.5 KWDC or greater.
- Must be installed with a panel tilt between 5-50 degrees.
- Must have less than 15 percent obstacle shading based on analysis of an industry-accepted too.
- See application for complete details.

STANDARD TERMS AND CONDITIONS:

1. Installations must be completed in accordance with all laws, codes, and other requirements applicable under federal, state, and local authority (e.g. permits, inspections)

2. Current Electric will require the necessary client information to proceed with mandatory government and State applications.

3. Current Electric and its staff will require access to your property to proceed with the initial project assessment, construction, inspection, and required maintenance. The client will be contacted prior to Current Electric visits and will need to arrange property access allowing Current Electric to fulfill its portion of the agreement. Current Electric will require all necessary forms filled and full client cooperation to complete its part of the contract.

4. Prior to final pricing and after completing Engineering and peppermint submittals, Current Electric reserves the right to conduct a site visit/audit to verify all satellite calculations. Materials offered are subject to change without notice. Quality and efficiency offered will remain equivalent or better. Current Electric reserves the right to submit changes in the final contract price due to increases in wattage or efficiency of modules prior to construction.

5. Although additional expenses are not to be expected, they could be required by third parties, such as municipalities, utility companies, and/or structural engineers..

- Solar installation assumes that roof condition is adequate to support a weather-tight installation. Roof leaks caused by deteriorating roof systems are not covered by workmanship or roof leak warranty.
- Assumes the existing electrical system meets National Electrical Codes. If not up to code, additional charges may apply to bring service up to code which may be required to pass an electrical inspection.
- Current Electric is not responsible for the existing structural integrity of the roof. Additional engineering and structural upgrades may be required prior to solar installation. Additional charges may apply.

6. It is the responsibility of Current Electric to ensure that all appropriate permits (e.g. local, state) have been obtained including ensuring that Deed Restrictions or Other Restrictions do not prohibit the installation of the proposed PV system.

7. Every attempt has been made to assure the Return on Investment for this project, however, parameters beyond our control may affect the final Return on Investment (ROI) and, therefore, it is not guaranteed.

8. The client is responsible for the application process, from initiation through completion unless mentioned otherwise by a representative of Current Electric. The client may designate a primary contact; however, the client is responsible for ensuring that the guidelines, terms and conditions, requirements, and program processes are adhered to.

9. The client hereby agrees to indemnify, defend and hold harmless Current Electric Co., affiliates, officers, employees, contractors and agents from any and all liability associated with this program/project except for the labor warranties provided.

10. Please refer to the product spec sheets and online warranty information for details. The manufacturer is responsible for all solar components' warranties, Current Electric will handle all RMAs with the manufacturer.

11. Current Electric will provide a five-year workmanship warranty.

12. The timeline proposed in this offer cannot be guaranteed by Current Electric and Current Electric cannot be held accountable for any delays resulting from situations not under the control of Current Electric (rain, snow, application approval delays, etc.)

13. Current Electric will not sell, share, or rent your personal information to any third party, or use your e-mail address for unsolicited mail. All e-mail messages sent by Current Electric will pertain solely to the provision of agreed services and products. Any information on pricing and

procedures will remain confidential between the client and Current Electric and are not to be shared with other companies.

14. Warranty or maintenance obligations information may be sold to or transferred to a third party at any time.

15. By signing electronically, and upon doing so, the client agrees to all program requirements including all terms and conditions of Current Electric and both parties are executing this offer in good faith.

Base Proposal **$**

Randy Handeland

Randy Handeland, Commercial Solar
CURRENT ELECTRIC CO.

_____
Acceptance Signature

Date _____

This proposal may be withdrawn if not accepted within 30 days.

The City of Pewaukee WI.

City Hall / Water Tower

Prepared For

Pewaukee City Hall
262-691-6007
fuchs@pewaukee.wi.us

Prepared By

Randy Handeland
(262) 853-0162
Randy@callcurrent.com

10/24/2023

We started this company to help our neighbors with their electrical needs. We wanted to provide top quality work and service for a fair price. We aspired to be an educational foundation people for coming into the Solar industry.
This has grown into the company we are today and we believe our legacy is to create a sustainable future for the community we serve and the environment we live in.

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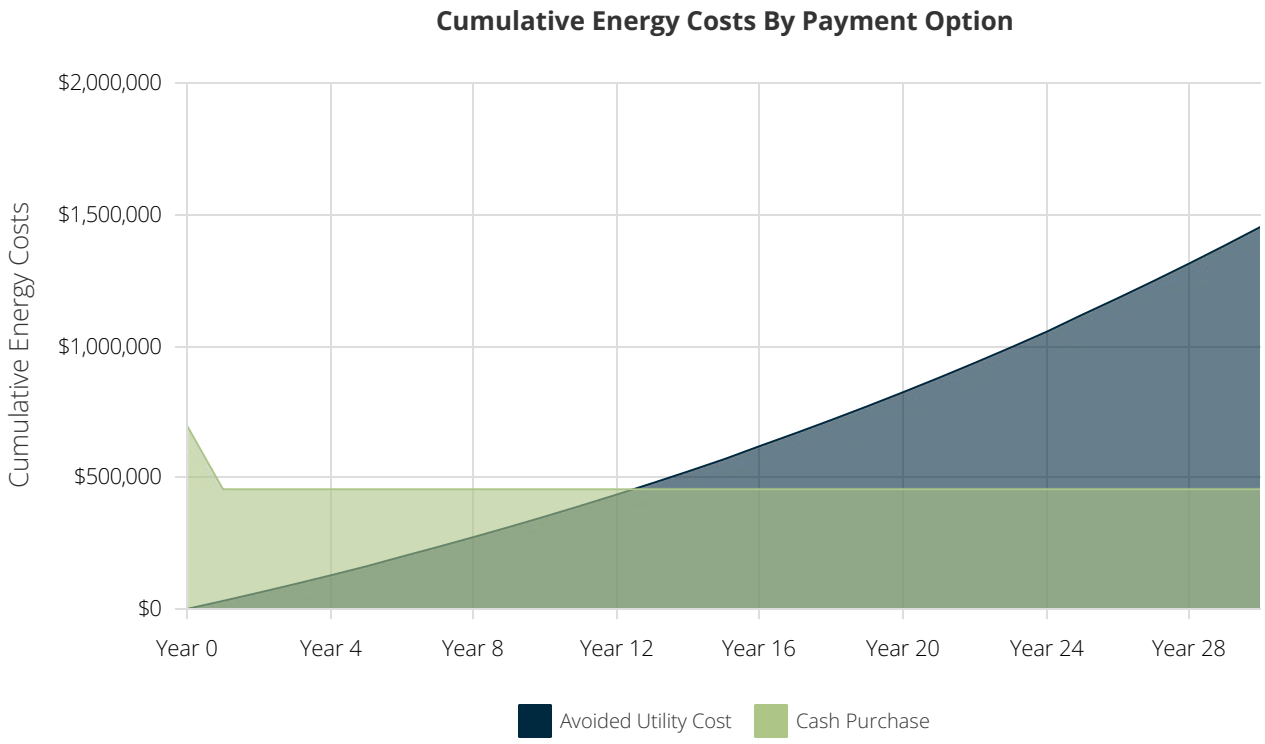
2 Project Summary

Payment Options	Cash Purchase
IRR - Term	7.9%
LCOE PV Generation	$0.042 /kWh
Net Present Value	$204,277
Payback Period	12.4 Years
Total Payments	$697,000
Total Incentives	$242,100
Net Payments	$454,900
Electric Bill Savings - Term	$1,453,673
Upfront Payment	$697,000

Combined Solar PV Rating
Power Rating: 300,000 W-DC
Power Rating: 268,011 W-AC-CEC



3.1.1 PV System Details

General Information
Facility: Meter #1
Address: W240N3065 Pewaukee Rd Pewaukee WI 53072

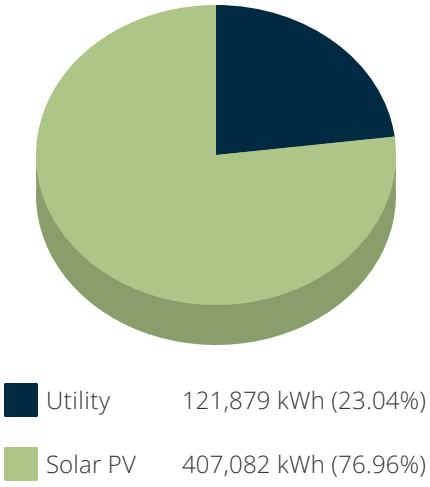
Solar PV Equipment Description
Solar Panels: 300.0 kW-DC Premium Modules
Inverters: Standard Inverter

Solar PV Equipment Typical Lifespan
Solar Panels: Greater than 30 Years
Inverters: 15 Years

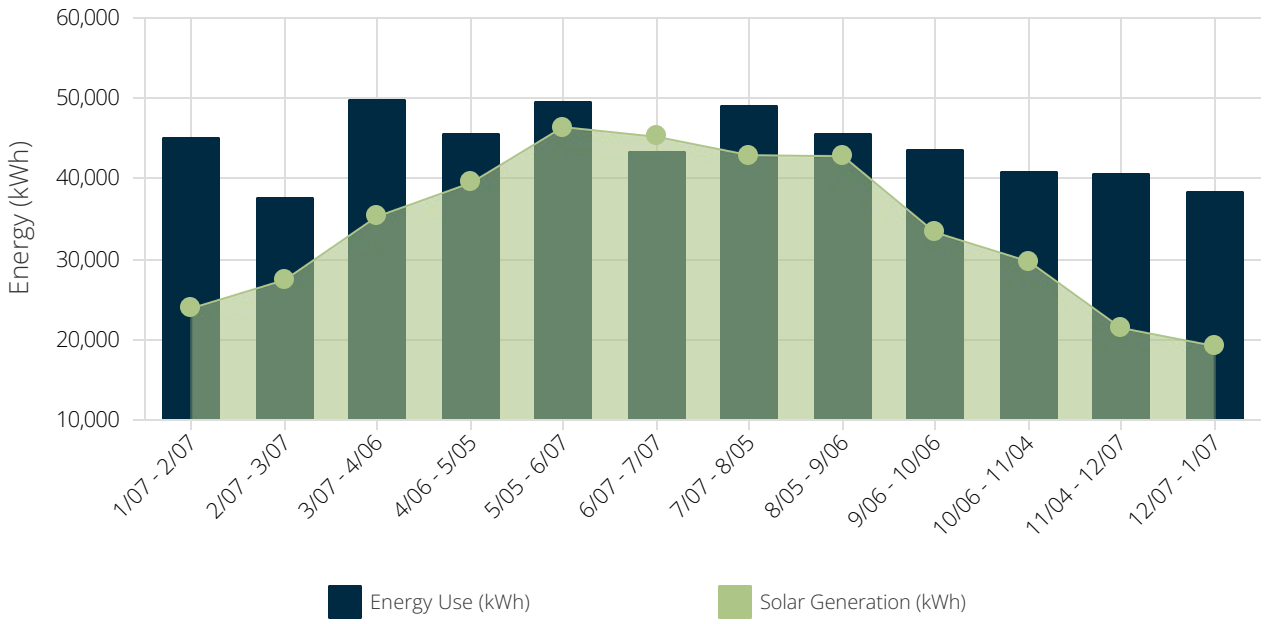
Solar PV System Cost and Incentives	
Solar PV System Cost	$697,000
(FOE) Business Incentive	-$33,000
Direct pay - 30% ITC	-$209,100
Net Solar PV System Cost	**$454,900**

Solar PV System Rating
Power Rating: 300,000 W-DC
Power Rating: 268,011 W-AC-CEC

Energy Consumption Mix
Annual Energy Use: 528,961 kWh



Monthly Energy Use vs Solar Generation



3.1.2 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

(FOE) Business Customer PV Incentive 2021

Focus On Energy Business Customer PV Incentive up to 500+ kW (DC) or $50,000 Cap for the installation of Solar Electric (PV). Up to 5 kW is $200 per kW with max incentive $1000. 5 kW to 10 kW is $1000 + $150 per kW above 5 kW with max incentive $1750. 10 kW to 100 kW is $1750 + $125 per kW above 10 kW with max incentive $13000. 100 kW to 300 kW is $13000 + $100 per kW above 100 kW with max incentive $33000. 300 to 500 kW is $33000 + $85 per kW above 300 kW with max incentive $50000. This incentive is available to commercial properties (e.g. any property outside of a 1-3 unit home), and applies also to municipalities, non profits, and/or any entity on a commercial utility rate structure.

Total Incentive Value: $33,000

Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% “increased rate”, rather than a 6% “base rate”. The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

Total Incentive Value: $209,100

3.1.3 Utility Rates

The table below shows the rates associated with your current utility rate schedule (CG-3). Your estimated electric bills after solar are shown on the following page.

Customer Charges				Energy Charges				Demand Charges			
Season	Charge Type	Rate Type	CG-3	Season	Charge Type	Rate Type	CG-3	Season	Charge Type	Rate Type	CG-3
S1	Flat Rate	per day	$2.00	S1	On Peak	Import	$0.08706	S1	Flat Rate	Import	$3.08
				S1	Off Peak	Import	$0.05456	S1	On Peak	Import	$18.31

3.1.4 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

Rate Schedule: WE - CG-3

Time Periods	Energy Use (kWh)		Max Demand (kW)		Charges			
Bill Ranges & Seasons	On Peak	Off Peak	NC / Max	On Peak	Other	Energy	Demand	Total
1/7/2022 - 2/7/2022 S1	24,371	20,655	133	130	$62	$3,249	$2,793	$6,103
2/7/2022 - 3/7/2022 S1	19,706	18,025	134	134	$56	$2,699	$2,866	$5,621
3/7/2022 - 4/6/2022 S1	15,714	34,119	134	127	$60	$3,230	$2,738	$6,027
4/6/2022 - 5/5/2022 S1	24,100	21,468	134	126	$58	$3,269	$2,719	$6,047
5/5/2022 - 6/7/2022 S1	21,796	27,683	118	109	$66	$3,408	$2,408	$5,882
6/7/2022 - 7/7/2022 S1	22,011	21,338	134	120	$60	$3,080	$2,610	$5,750
7/7/2022 - 8/5/2022 S1	24,189	24,804	134	121	$58	$3,459	$2,628	$6,145
8/5/2022 - 9/6/2022 S1	24,220	21,304	134	119	$64	$3,271	$2,591	$5,926
9/6/2022 - 10/6/2022 S1	22,457	21,104	134	121	$60	$3,107	$2,628	$5,794
10/6/2022 - 11/4/2022 S1	21,290	19,562	134	125	$58	$2,921	$2,701	$5,680
11/4/2022 - 12/7/2022 S1	18,228	22,356	134	123	$66	$2,807	$2,665	$5,537
12/7/2022 - 1/7/2023 S1	16,646	21,815	134	124	$62	$2,639	$2,683	$5,384
Total	254,728	274,233	-	-	$730	$37,139	$32,030	$69,898

3.1.5 New Electric Bill

Rate Schedule: WE - CG-3

Time Periods	Energy Use (kWh)		Max Demand (kW)		Charges			
Bill Ranges & Seasons	On Peak	Off Peak	NC / Max	On Peak	Other	Energy	Demand	Total
1/7/2022 - 2/7/2022 S1	9,534	11,617	133	130	$62	$1,464	$2,793	$4,319
2/7/2022 - 3/7/2022 S1	1,958	8,352	134	134	$56	$626	$2,866	$3,548
3/7/2022 - 4/6/2022 S1	-11,058	25,596	134	127	$60	$434	$2,738	$3,232
4/6/2022 - 5/5/2022 S1	-2,696	8,781	134	126	$58	$244	$2,719	$3,022
5/5/2022 - 6/7/2022 S1	-7,439	10,493	118	109	$66	$0	$2,408	$2,474
6/7/2022 - 7/7/2022 S1	-8,450	6,589	134	120	$60	$93	$2,610	$2,577
7/7/2022 - 8/5/2022 S1	-4,528	10,590	134	121	$58	$184	$2,628	$2,870
8/5/2022 - 9/6/2022 S1	-2,436	5,164	134	119	$64	$70	$2,591	$2,725
9/6/2022 - 10/6/2022 S1	1,755	8,477	134	121	$60	$615	$2,628	$3,303
10/6/2022 - 11/4/2022 S1	-612	11,771	134	125	$58	$589	$2,701	$3,348
11/4/2022 - 12/7/2022 S1	4,627	14,519	134	123	$66	$1,195	$2,665	$3,926
12/7/2022 - 1/7/2023 S1	5,212	14,066	134	124	$62	$1,221	$2,683	$3,966
Total	-14,133	136,015	-	-	$730	$6,549	$32,030	$39,308

Annual Electricity Savings: $30,590

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.9%	Net Present Value	$204,277	Payback Period	12.4 Years
ROI	143.3%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.9%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	$697,000				

Years	Project Costs	(FOE) Business Incentive	Direct pay - 30% ITC	Electric Bill Savings	Total Cash Flow	Cumulative Cash Flow
Upfront	-$697,000	-	-	-	-$697,000	-$697,000
1	-	$33,000	$209,100	$30,590	$272,690	-$424,310
2	-	-	-	$31,529	$31,529	-$392,781
3	-	-	-	$32,494	$32,494	-$360,287
4	-	-	-	$33,487	$33,487	-$326,800
5	-	-	-	$34,508	$34,508	-$292,292
6	-	-	-	$35,557	$35,557	-$256,735
7	-	-	-	$36,636	$36,636	-$220,099
8	-	-	-	$37,745	$37,745	-$182,354
9	-	-	-	$38,885	$38,885	-$143,469
10	-	-	-	$40,056	$40,056	-$103,413
11	-	-	-	$41,259	$41,259	-$62,154
12	-	-	-	$42,496	$42,496	-$19,658
13	-	-	-	$43,766	$43,766	$24,108
14	-	-	-	$45,070	$45,070	$69,178
15	-	-	-	$46,410	$46,410	$115,588
16	-	-	-	$47,785	$47,785	$163,374
17	-	-	-	$49,198	$49,198	$212,571
18	-	-	-	$50,647	$50,647	$263,219
19	-	-	-	$52,135	$52,135	$315,354
20	-	-	-	$53,662	$53,662	$369,017
21	-	-	-	$55,229	$55,229	$424,246
22	-	-	-	$56,837	$56,837	$481,083
23	-	-	-	$58,486	$58,486	$539,568
24	-	-	-	$60,177	$60,177	$599,745
25	-	-	-	$61,910	$61,910	$661,655
26	-	-	-	$63,688	$63,688	$725,343
27	-	-	-	$65,510	$65,510	$790,854
28	-	-	-	$67,378	$67,378	$858,231
29	-	-	-	$69,291	$69,291	$927,522
30	-	-	-	$71,251	$71,251	$998,773
Totals:	-$697,000	$33,000	$209,100	$1,453,673	$998,773	-

5.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.9%	Net Present Value	$204,277	Payback Period	12.4 Years
ROI	143.3%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.9%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	$697,000				

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11	12
Cash													
Project Costs	-$697,000	-	-	-	-	-	-	-	-	-	-	-	-
(FOE) Business Incentive	-	$33,000	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	$209,100	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	$30,590	$31,529	$32,494	$33,487	$34,508	$35,557	$36,636	$37,745	$38,885	$40,056	$41,259	$42,496
Cash Total	-$697,000	$272,690	$31,529	$32,494	$33,487	$34,508	$35,557	$36,636	$37,745	$38,885	$40,056	$41,259	$42,496
Total Cash Flow	-$697,000	$272,690	$31,529	$32,494	$33,487	$34,508	$35,557	$36,636	$37,745	$38,885	$40,056	$41,259	$42,496
Cumulative Cash Flow	-$697,000	-$424,310	-$392,781	-$360,287	-$326,800	-$292,292	-$256,735	-$220,099	-$182,354	-$143,469	-$103,413	-$62,154	-$19,658

5.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.9%	Net Present Value	$204,277	Payback Period	12.4 Years
ROI	143.3%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.9%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	$697,000				

Years	13	14	15	16	17	18	19	20	21	22	23	24	25
Cash													
Project Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
(FOE) Business Incentive	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	$43,766	$45,070	$46,410	$47,785	$49,198	$50,647	$52,135	$53,662	$55,229	$56,837	$58,486	$60,177	$61,910
Cash Total	$43,766	$45,070	$46,410	$47,785	$49,198	$50,647	$52,135	$53,662	$55,229	$56,837	$58,486	$60,177	$61,910
Total Cash Flow	$43,766	$45,070	$46,410	$47,785	$49,198	$50,647	$52,135	$53,662	$55,229	$56,837	$58,486	$60,177	$61,910
Cumulative Cash Flow	$24,108	$69,178	$115,588	$163,374	$212,571	$263,219	$315,354	$369,017	$424,246	$481,083	$539,568	$599,745	$661,655

5.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.9%	Net Present Value	$204,277	Payback Period	12.4 Years
ROI	143.3%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.9%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	$697,000				

Years	26	27	28	29	30	Totals
Cash						
Project Costs	-	-	-	-	-	-$697,000
(FOE) Business Incentive	-	-	-	-	-	$33,000
Direct pay - 30% ITC	-	-	-	-	-	$209,100
Electric Bill Savings	$63,688	$65,510	$67,378	$69,291	$71,251	$1,453,673
Cash Total	$63,688	$65,510	$67,378	$69,291	$71,251	$998,773
Total Cash Flow	$63,688	$65,510	$67,378	$69,291	$71,251	$998,773
Cumulative Cash Flow	$725,343	$790,854	$858,231	$927,522	$998,773	-

Current Electric Co.
2942 N 117th st
Wauwatosa, WI 53222
262-786-5885

Solar Energy Proposal

October 24th, 2023

Pewaukee DPW
Green (& Duplainville) Rd.
Pewaukee, WI 53072
Attention: Nick Fuchs

Re: Solar Installation located at the intersection of Green & Duplainville Roads. A 300kw Array.

Current Electric Company proposes to furnish and install the labor and materials associated with the photovoltaic system at the above referenced location per specifications provided.

Electrical Scope:

- Properly design the P.V. solar electrical system.
- Pull Electrical and Building/Zoning permit as required by AHJ.
- Furnish and Install 300 kw of tier one solar modules to approved design standards, (550) 545w High Efficiency Phono Solar Modules.
- Install (4) Solectria PVI-60TL string Inverters.
- Furnish and Install Sunmodo (or similar) single tilt fixed ground mount racking system.
- Furnish and install (1) MDP with main disconnect and circuit breakers.
- Furnish and install (1) properly sized main rated, fusible, disconnect.
- Furnish and install grounding system to properly ground the solar array. All grounding installed per the NEC and requirements per UL listing. (Does not include any substation bonding requirements on fence distribution gear)
- Test the system for proper operation and inspect installation and close out applicable permits
- Assumes exterior run conduits to be PVC or HDPE type except where exposed to severe physical damage.
- Feeders larger than 100 amps to be Aluminum as allowed to provide less than 1.5% voltage drop per Southwire True Voltage Calculator.
- PV, DC wires to be ran in proper sized conduit, or open wire-way basket as field designed and installed by Current Electric.
- Interior conduit runs (if preferred) may incur additional charges depending on the difficulty of those interior runs.
- Furnish and install Combiner Panel at array.
- Underground feeders to be buried at a minimum depth of 18”.
- Includes backfilling trench with existing spoils. (Does not include any topsoil addition). Ruts to be racked to grade. Does not include any seed or plants.
- Does NOT include alternate foundations for rejected posts
- Unforeseen site conditions such as bedrock, utilities, environmental hazards, wetlands, foundations and the like are not included.
- Includes 5 Year Current Electric Workmanship Warranty
- Insurance requirements per. Current Electric Company policy. Available upon request.
- Furnish and install (1) 4000-amp tran-scocket and disconnect.
- Run conduit form array to East wall at meter. Boring approx. 580ft. Cut asphalt and concrete as necessary.

TERMS AND CONDITIONS PAGE: EFFECTIVE AS OF October, 2023

ACCEPTANCE OF PROPOSAL I hereby agree to contract with Current Electric to install the PV System at the above-referenced location per the scope listed above and payment terms listed below.

PAYMENT TERMS:

30% down, 60% upon installation; 10% when project is commissioned. I (we) agree to pay a service charge of $35.00 for any checks returned from my (our) bank unpaid for any reason. I (we) will pay all expenses, including actual attorney's fees and all collection costs incurred by Current Electric in the enforcement of this agreement and the collection of any charges due hereunder. I (we) agree to pay interest at a rate of 18% per annum on all unpaid invoices over 30 days old.

All payments must be made according to the scheduled agreement. Check, Wire Transfer, and Cash are all acceptable methods of payment.

As required by the Wisconsin Construction Lien Law, the builder hereby notifies the owner that persons or companies furnishing labor or materials for the construction on owner's land may have lien rights on owner's land and buildings if not paid. Those entitled to lien rights, in addition to the above signed builder, are those who contract directly with the owner or those who give the owner notice within 60 days after they first furnish labor or materials for the construction. Accordingly, the owner probably will receive notices from those who furnish labor or materials for the construction and should give a copy of each notice received to his mortgage lender, if any. Builder agrees to cooperate with the owner and his lender, if any, to see that all potential lien claimants are duly paid.

REBATES AND INCENTIVES:

Federal Tax Credit (ITC) - 30%

Businesses that install solar photovoltaic (PV) systems are eligible to receive an (ITC) investment tax credit, which can be used to directly offset federal tax liability on a dollar-of-dollar basis. If the tax credit exceeds your tax liability you can roll the credit into future tax periods for 20 years or the past 3 years. We recommend the client to seek the appropriate accounting and/or financial consultation concerning any tax liabilities that may be associated with the receipt of the rebate. Current Electric is not a tax consultant.

Focus on Energy (FOE) - Rebate is not guaranteed

Current Electric will handle submitting all documents to FOE once the project is completed and paid for. Federal, State, Local, Utility program guidelines and rebate levels are subject to

change without notice, and may be terminated by executive, legislative or regulatory action at any time. Current Electric is not held accountable for loss of rebate, income, savings or delays resulting from such a situation.

SOLAR ELECTRIC SYSTEM REBATE

Rebates for installing and qualifying solar electric system. To qualify for a rebate, you must:

- Install the solar electric system in an existing or new construction.

Solar Electric System Equipment & Property Requirements

- Selected qualified models from the Solar Electric Qualified Equipment List, which can be found in the supporting documents section below.
- System capacity must be 0.5 KWDC or greater.
- Must be installed with a panel tilt between 5-50 degrees.
- Must have less than 15 percent obstacle shading based on analysis of an industry-accepted too.
- See application for complete details.

STANDARD TERMS AND CONDITIONS:

1. Installations must be completed in accordance with all laws, codes, and other requirements applicable under federal, state, and local authority (e.g. permits, inspections)

2. Current Electric will require the necessary client information to proceed with mandatory government and State applications.

3. Current Electric and its staff will require access to your property to proceed with the initial project assessment, construction, inspection, and required maintenance. The client will be contacted prior to Current Electric visits and will need to arrange property access allowing Current Electric to fulfill its portion of the agreement. Current Electric will require all necessary forms filled and full client cooperation to complete its part of the contract.

4. Prior to final pricing and after completing Engineering and peppermint submittals, Current Electric reserves the right to conduct a site visit/audit to verify all satellite calculations. Materials offered are subject to change without notice. Quality and efficiency offered will remain equivalent or better. Current Electric reserves the right to submit changes in the final contract price due to increases in wattage or efficiency of modules prior to construction.

5. Although additional expenses are not to be expected, they could be required by third parties, such as municipalities, utility companies, and/or structural engineers.

- Solar installation assumes that roof condition is adequate to support a weather-tight installation. Roof leaks caused by deteriorating roof systems are not covered by workmanship or roof leak warranty.
- Assumes the existing electrical system meets National Electrical Codes. If not up to code, additional charges may apply to bring service up to code which may be required to pass an electrical inspection.
- Current Electric is not responsible for the existing structural integrity of the roof. Additional engineering and structural upgrades may be required prior to solar installation. Additional charges may apply.

6. It is the responsibility of Current Electric to ensure that all appropriate permits (e.g. local, state) have been obtained including ensuring that Deed Restrictions or Other Restrictions do not prohibit the installation of the proposed PV system.

7. Every attempt has been made to assure the Return on Investment for this project, however, parameters beyond our control may affect the final Return on Investment (ROI) and, therefore, it is not guaranteed.

8. The client is responsible for the application process, from initiation through completion unless mentioned otherwise by a representative of Current Electric. The client may designate a primary contact; however, the client is responsible for ensuring that the guidelines, terms and conditions, requirements, and program processes are adhered to.

9. The client hereby agrees to indemnify, defend and hold harmless Current Electric Co., affiliates, officers, employees, contractors and agents from any and all liability associated with this program/project except for the labor warranties provided.

10. Please refer to the product spec sheets and online warranty information for details. The manufacturer is responsible for all solar components' warranties, Current Electric will handle all RMA's with the manufacturer.

11. Current Electric will provide a five-year workmanship warranty.

12. The timeline proposed in this offer cannot be guaranteed by Current Electric and Current Electric cannot be held accountable for any delays resulting from situations not under the control of Current Electric (rain, snow, application approval delays, etc.)

13. Current Electric will not sell, share, or rent your personal information to any third party, or use your e-mail address for unsolicited mail. All e-mail messages sent by Current Electric will pertain solely to the provision of agreed services and products. Any information on pricing and

procedures will remain confidential between the client and Current Electric and are not to be shared with other companies.

14. Warranty or maintenance obligations information may be sold to or transferred to a third party at any time.

15. By signing electronically, and upon doing so, the client agrees to all program requirements including all terms and conditions of Current Electric and both parties are executing this offer in good faith.

Base Proposal **$**

Randy Handeland

Randy Handeland, Commercial Solar
CURRENT ELECTRIC CO.

_____
Acceptance Signature

Date _____

This proposal may be withdrawn if not accepted within 30 days.

The City of Pewaukee WI.

DPW Building

Prepared For

Pewaukee DPW
262-691-6007
fuchs@pewaukee.wi.us

Prepared By

Randy Handeland
(262) 853-0162
Randy@callcurrent.com

10/24/2023

We started this company to help our neighbors with their electrical needs. We wanted to provide top quality work and service for a fair price. We aspired to be an educational foundation for people coming into the Solar industry.
This has grown into the company we are today and we believe our legacy is to create a sustainable future for the community we serve and the environment we live in.

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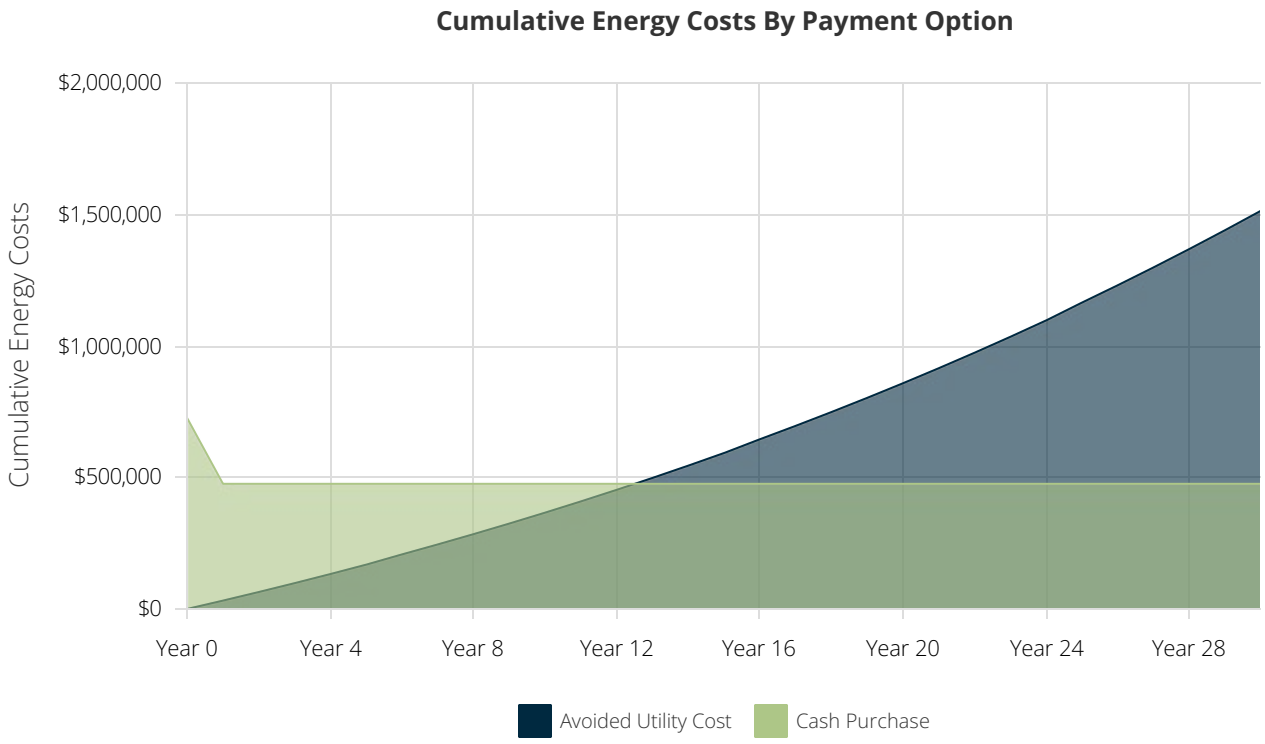
2 Project Summary

Payment Options	Cash Purchase
IRR - Term	7.8%
LCOE PV Generation	$0.045 /kWh
Net Present Value	$210,849
Payback Period	12.5 Years
Total Payments	$727,000
Total Incentives	$251,100
Net Payments	$475,900
Electric Bill Savings - Term	$1,514,360
Upfront Payment	$727,000

Combined Solar PV Rating
Power Rating: 300,000 W-DC
Power Rating: 268,011 W-AC-CEC



3.1.1 PV System Details

General Information
Facility: Meter #1
Address: W240N3065 Pewaukee Rd Pewaukee WI 53072

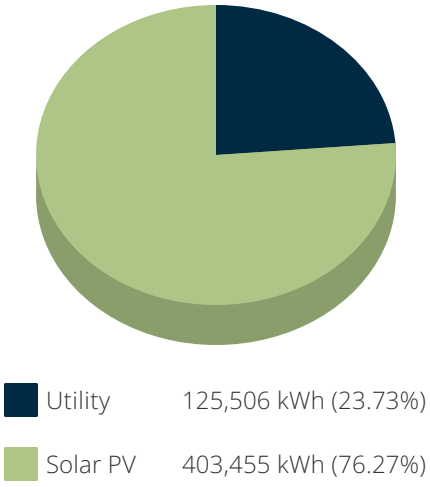
Solar PV Equipment Description
Solar Panels: 300.0 kW-DC Premium Modules
Inverters: Standard Inverter

Solar PV Equipment Typical Lifespan
Solar Panels: Greater than 30 Years
Inverters: 15 Years

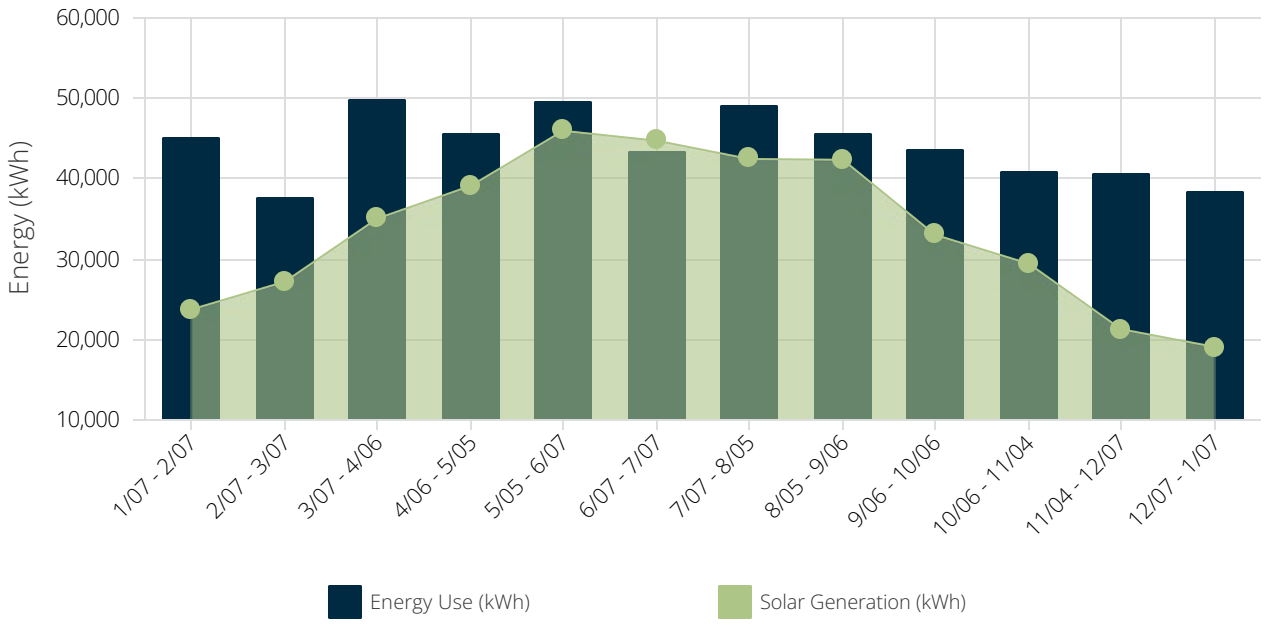
Solar PV System Cost and Incentives	
Solar PV System Cost	$727,000
(FOE) Business Incentive	-$33,000
Direct pay - 30% ITC	-$218,100
Net Solar PV System Cost	**$475,900**

Solar PV System Rating
Power Rating: 300,000 W-DC
Power Rating: 268,011 W-AC-CEC

Energy Consumption Mix
Annual Energy Use: 528,961 kWh



Monthly Energy Use vs Solar Generation



3.1.2 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

(FOE) Business Customer PV Incentive 2021

Focus On Energy Business Customer PV Incentive up to 500+ kW (DC) or $50,000 Cap for the installation of Solar Electric (PV). Up to 5 kW is $200 per kW with max incentive $1000. 5 kW to 10 kW is $1000 + $150 per kW above 5 kW with max incentive $1750. 10 kW to 100 kW is $1750 + $125 per kW above 10 kW with max incentive $13000. 100 kW to 300 kW is $13000 + $100 per kW above 100 kW with max incentive $33000. 300 to 500 kW is $33000 + $85 per kW above 300 kW with max incentive $50000. This incentive is available to commercial properties (e.g. any property outside of a 1-3 unit home), and applies also to municipalities, non profits, and/or any entity on a commercial utility rate structure.

Total Incentive Value: $33,000

Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% “increased rate”, rather than a 6% “base rate”. The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

Total Incentive Value: $218,100

3.1.3 Utility Rates

The table below shows the rates associated with your current utility rate schedule (CG-3). Your estimated electric bills after solar are shown on the following page.

Customer Charges				Energy Charges				Demand Charges			
Season	Charge Type	Rate Type	CG-3	Season	Charge Type	Rate Type	CG-3	Season	Charge Type	Rate Type	CG-3
S1	Flat Rate	per day	$2.00	S1	On Peak	Import	$0.08706	S1	Flat Rate	Import	$3.08
				S1	Off Peak	Import	$0.05456	S1	On Peak	Import	$18.31

3.1.4 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

Rate Schedule: WE - CG-3

Time Periods	Energy Use (kWh)		Max Demand (kW)		Charges			
Bill Ranges & Seasons	On Peak	Off Peak	NC / Max	On Peak	Other	Energy	Demand	Total
1/7/2022 - 2/7/2022 S1	24,371	20,655	133	130	$62	$3,249	$2,793	$6,103
2/7/2022 - 3/7/2022 S1	19,706	18,025	134	134	$56	$2,699	$2,866	$5,621
3/7/2022 - 4/6/2022 S1	15,714	34,119	134	127	$60	$3,230	$2,738	$6,027
4/6/2022 - 5/5/2022 S1	24,100	21,468	134	126	$58	$3,269	$2,719	$6,047
5/5/2022 - 6/7/2022 S1	21,796	27,683	118	109	$66	$3,408	$2,408	$5,882
6/7/2022 - 7/7/2022 S1	22,011	21,338	134	120	$60	$3,080	$2,610	$5,750
7/7/2022 - 8/5/2022 S1	24,189	24,804	134	121	$58	$3,459	$2,628	$6,145
8/5/2022 - 9/6/2022 S1	24,220	21,304	134	119	$64	$3,271	$2,591	$5,926
9/6/2022 - 10/6/2022 S1	22,457	21,104	134	121	$60	$3,107	$2,628	$5,794
10/6/2022 - 11/4/2022 S1	21,290	19,562	134	125	$58	$2,921	$2,701	$5,680
11/4/2022 - 12/7/2022 S1	18,228	22,356	134	123	$66	$2,807	$2,665	$5,537
12/7/2022 - 1/7/2023 S1	16,646	21,815	134	124	$62	$2,639	$2,683	$5,384
Total	254,728	274,233	-	-	$730	$37,139	$32,030	$69,898

3.1.5 New Electric Bill

Rate Schedule: WE - CG-3

Time Periods	Energy Use (kWh)		Max Demand (kW)		Charges			
Bill Ranges & Seasons	On Peak	Off Peak	NC / Max	On Peak	Other	Energy	Demand	Total
1/7/2022 - 2/7/2022 S1	9,627	11,669	131	130	$62	$1,475	$2,788	$4,325
2/7/2022 - 3/7/2022 S1	2,095	8,427	128	128	$56	$642	$2,759	$3,457
3/7/2022 - 4/6/2022 S1	-10,844	25,640	125	116	$60	$455	$2,528	$3,043
4/6/2022 - 5/5/2022 S1	-2,454	8,886	128	123	$58	$271	$2,656	$2,985
5/5/2022 - 6/7/2022 S1	-7,146	10,659	112	106	$66	$0	$2,345	$2,411
6/7/2022 - 7/7/2022 S1	-8,100	6,721	100	94	$60	$69	$2,121	$2,112
7/7/2022 - 8/5/2022 S1	-4,194	10,721	116	113	$58	$220	$2,477	$2,754
8/5/2022 - 9/6/2022 S1	-2,152	5,323	115	105	$64	$103	$2,337	$2,504
9/6/2022 - 10/6/2022 S1	1,948	8,579	132	119	$60	$638	$2,579	$3,277
10/6/2022 - 11/4/2022 S1	-396	11,825	129	120	$58	$611	$2,608	$3,277
11/4/2022 - 12/7/2022 S1	4,727	14,563	132	123	$66	$1,206	$2,660	$3,932
12/7/2022 - 1/7/2023 S1	4,853	14,528	132	124	$62	$1,215	$2,678	$3,955
Total	-12,036	137,541	-	-	$730	$6,767	$30,535	$38,031

Annual Electricity Savings: $31,867

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.8%	Net Present Value	$210,849	Payback Period	12.5 Years
ROI	142.8%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.9%	Federal Income Tax Rate	21.0%	State Income Tax Rate	7.9%
Total Project Costs	$727,000				

Years	Project Costs	(FOE) Business Incentive	Direct pay - 30% ITC	Electric Bill Savings	Total Cash Flow	Cumulative Cash Flow
Upfront	-$727,000	-	-	-	-$727,000	-$727,000
1	-	$33,000	$218,100	$31,867	$282,967	-$444,033
2	-	-	-	$32,845	$32,845	-$411,188
3	-	-	-	$33,851	$33,851	-$377,337
4	-	-	-	$34,885	$34,885	-$342,452
5	-	-	-	$35,948	$35,948	-$306,504
6	-	-	-	$37,042	$37,042	-$269,462
7	-	-	-	$38,166	$38,166	-$231,297
8	-	-	-	$39,321	$39,321	-$191,976
9	-	-	-	$40,508	$40,508	-$151,468
10	-	-	-	$41,728	$41,728	-$109,739
11	-	-	-	$42,982	$42,982	-$66,757
12	-	-	-	$44,270	$44,270	-$22,488
13	-	-	-	$45,593	$45,593	$23,105
14	-	-	-	$46,952	$46,952	$70,057
15	-	-	-	$48,347	$48,347	$118,404
16	-	-	-	$49,780	$49,780	$168,185
17	-	-	-	$51,252	$51,252	$219,436
18	-	-	-	$52,762	$52,762	$272,198
19	-	-	-	$54,312	$54,312	$326,510
20	-	-	-	$55,903	$55,903	$382,413
21	-	-	-	$57,535	$57,535	$439,948
22	-	-	-	$59,210	$59,210	$499,157
23	-	-	-	$60,927	$60,927	$560,085
24	-	-	-	$62,689	$62,689	$622,773
25	-	-	-	$64,495	$64,495	$687,269
26	-	-	-	$66,347	$66,347	$753,615
27	-	-	-	$68,245	$68,245	$821,861
28	-	-	-	$70,190	$70,190	$892,051
29	-	-	-	$72,184	$72,184	$964,235
30	-	-	-	$74,226	$74,226	$1,038,460
Totals:	-$727,000	$33,000	$218,100	$1,514,360	$1,038,460	-

5.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.8%	Net Present Value	$210,849	Payback Period	12.5 Years
ROI	142.8%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.9%	Federal Income Tax Rate	21.0%	State Income Tax Rate	7.9%
Total Project Costs	$727,000				

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11	12
Cash													
Project Costs	-$727,000	-	-	-	-	-	-	-	-	-	-	-	-
(FOE) Business Incentive	-	$33,000	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	$218,100	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	$31,867	$32,845	$33,851	$34,885	$35,948	$37,042	$38,166	$39,321	$40,508	$41,728	$42,982	$44,270
Cash Total	-$727,000	$282,967	$32,845	$33,851	$34,885	$35,948	$37,042	$38,166	$39,321	$40,508	$41,728	$42,982	$44,270
Total Cash Flow	-$727,000	$282,967	$32,845	$33,851	$34,885	$35,948	$37,042	$38,166	$39,321	$40,508	$41,728	$42,982	$44,270
Cumulative Cash Flow	-$727,000	-$444,033	-$411,188	-$377,337	-$342,452	-$306,504	-$269,462	-$231,297	-$191,976	-$151,468	-$109,739	-$66,757	-$22,488

5.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.8%	Net Present Value	$210,849	Payback Period	12.5 Years
ROI	142.8%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.9%	Federal Income Tax Rate	21.0%	State Income Tax Rate	7.9%
Total Project Costs	$727,000				

Years	13	14	15	16	17	18	19	20	21	22	23	24	25
Cash													
Project Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
(FOE) Business Incentive	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	$45,593	$46,952	$48,347	$49,780	$51,252	$52,762	$54,312	$55,903	$57,535	$59,210	$60,927	$62,689	$64,495
Cash Total	$45,593	$46,952	$48,347	$49,780	$51,252	$52,762	$54,312	$55,903	$57,535	$59,210	$60,927	$62,689	$64,495
Total Cash Flow	$45,593	$46,952	$48,347	$49,780	$51,252	$52,762	$54,312	$55,903	$57,535	$59,210	$60,927	$62,689	$64,495
Cumulative Cash Flow	$23,105	$70,057	$118,404	$168,185	$219,436	$272,198	$326,510	$382,413	$439,948	$499,157	$560,085	$622,773	$687,269

5.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.8%	Net Present Value	$210,849	Payback Period	12.5 Years
ROI	142.8%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.9%	Federal Income Tax Rate	21.0%	State Income Tax Rate	7.9%
Total Project Costs	$727,000				

Years	26	27	28	29	30	Totals
Cash						
Project Costs	-	-	-	-	-	-$727,000
(FOE) Business Incentive	-	-	-	-	-	$33,000
Direct pay - 30% ITC	-	-	-	-	-	$218,100
Electric Bill Savings	$66,347	$68,245	$70,190	$72,184	$74,226	$1,514,360
Cash Total	$66,347	$68,245	$70,190	$72,184	$74,226	$1,038,460
Total Cash Flow	$66,347	$68,245	$70,190	$72,184	$74,226	$1,038,460
Cumulative Cash Flow	$753,615	$821,861	$892,051	$964,235	$1,038,460	-

Current Electric Co.
2942 N 117th Street
Wauwatosa, WI 53222
262-786-5885

Solar Project Installs

Potawatomi Casino 1721 W CANAL ST. MILWAUKEE, WI 53233	Roof Mount 321KW
OLSEN PRAIRIE 3444 S MEMORIAL DR RACINE, WI.50403	Ground Mount 768KW
New Berlin High School 18695 W. Clevland Ave. New Berlin, Wi. 53146	Roof Mounted Solar (1.2 MW)
Delafield Wastewater Treatment City of Delafield / Hartland Water Pollution Control 416 Butler Drive, Delafield, WI 53018 262-646-4364	Ground mount (141KW & 502KW)
Lannon Stone Project N51 W24011 LISBON RD. PEWAUKEE, WI. 53071	Ground Mount (2.85 MW)
REGAL WARE 1100 SCHMIDT RD. WEST BEND, WI 53090	Ground Mount (2.47 MW)
GRAFTON ZAUN FIELD 605 CHEYENNE AVE GRAFTON, WI 53024	Ground Mount (879KW)

Recent Current Electric Greater Milwaukee Area Installs

CITY OF PEWAUKEE
COMMON COUNCIL AGENDA ITEM 6.

DATE: November 20, 2023

DEPARTMENT: Public Works

PROVIDED BY: Magdelene Wagner

SUBJECT:

Discussion and Possible Action to Release the J&R Dreamfield Development Letter of Credit in the Amount of $44,981.74 [Wagner]

BACKGROUND:

J&R Dreamfield Development has completed the public improvements as required in the Developers Agreement and the one year guarantee period is completed as of November 21, 2023. Restoration of the site has been completed and therefore, we recommend release of the remaining financial guarantee.

FINANCIAL IMPACT:

RECOMMENDED MOTION:

Common Council approve the release of the letter of credit ($44,981.74) for the J&R Dreamfield Developer's Agreement on or after November 21, 2023.

CITY OF PEWAUKEE
COMMON COUNCIL AGENDA ITEM 7.

DATE: November 20, 2023

DEPARTMENT: PW - Engineering

PROVIDED BY: Magdelene Wagner

SUBJECT:

Discussion and Possible Action to Release the Ba(en)2 Acres LLC Development Letter of Credit in the Amount of $47,364 [Wagner]

BACKGROUND:

The Bae(en)2 Acres LLC development has completed all the requirements of the Grading Agreement and the site has been adequately stabilized. We recommend the release of the remaining letter of credit amount of $47,364 as soon as any outstanding invoices are paid in full.

FINANCIAL IMPACT:

RECOMMENDED MOTION:

Council approve the release of the letter of credit contingent on all outstanding invoices being paid in full.

CITY OF PEWAUKEE
COMMON COUNCIL AGENDA ITEM 8.

DATE: November 20, 2023

DEPARTMENT: PW - Engineering

PROVIDED BY: Magdelene Wagner

SUBJECT:

Discussion and Possible Action to Approve **Ordinance 23-09** Related to Chapter 5 Traffic specifically Heavy Weight Limits on Green Road from Duplainville Road to Redford Boulevard (CTH F) Ramp *(First Reading)* [Wagner]

BACKGROUND:

In accordance with the direction of the Common Council at the February 6th meeting, the improvements at the Green Road and Redford Boulevard (CTH F) Ramp have been completed to allow the weight restriction on Green Road to be lifted. Additional signage has been added to the roadway.

The approval of the proposed ordinance would lift the 6 TON weight restriciton on Green Road from Duplainville Road to the Redford Boulevard (CTH F) Ramp only. The weight restriction will remain in place for Green Road from Springdale Road (CTH SR) to Duplainville Road and from Redford Boulevard (CTH F) Ramp to Pewaukee Road (STH 164).

FINANCIAL IMPACT:

RECOMMENDED MOTION:

Council approve the ordinance.

ATTACHMENTS:

Description

Ordinance 23-09

STATE OF WISCONSIN CITY OF PEWAUKEE WAUKESHA COUNTY

ORDINANCE NO. 23-09

**AN ORDINANCE TO AMEND SECTION 5.05(3)(b)
OF THE CITY OF PEWAUKEE CODE OF ORDINANCES
CONCERNING SPECIAL AND SEASONAL WEIGHT LIMITS**

WHEREAS, Section 349.16 of the Wisconsin Statutes grants the City authority to impose special and seasonal weight limitations to prevent injury to the roadway of any highway, bridge or culvert within the jurisdiction of the City or for the safety of users of such highway, bridge or culvert; and

WHEREAS, Section 349.16(3) of the Wisconsin Statutes further grants the City the authority to exempt or set different weight limitations for vehicles that are carrying certain commodities specified by the City or that are used to perform certain services specified by the City from the special weight limitations which are imposed under Section 349.16(1)(a) of the Wisconsin Statutes if the exemption or limitation is reasonable and necessary to promote the public health, safety, and welfare; and

WHEREAS, the City of Pewaukee has acted in Section 5.05(3)(a) of the City of Pewaukee Code of Ordinances to prohibits vehicles having a gross weight of more than 12,000 pounds are prohibited from traveling on any highway except as authorized by Section 349.17(1) of the Wisconsin State Statutes; and

WHEREAS, the City of Pewaukee has further acted in Section 5.05(3)(b) of the City of Pewaukee Code of Ordinances to designate streets in which Heavy Traffic is prohibited; and

NOW, THEREFORE, the Common Council of the City of Pewaukee, Wisconsin do ordain as follows:

SECTION 1. Chapter 05, entitled "Traffic"; Section 5.05, entitled "Vehicular Weight Limitations", subsection (3), entitled "Regulations of Heavy Traffic", subsection 9b), entitled "Main Heavy Traffic Routes" is amended as follows:

4) Green Road from Springdale Road (CTH SR) west to Duplainville Road and Redford Boulevard (CTH F) Ramp west to Pewaukee Road (STH 164).

SECTION 2: SEVERABILITY.

The several sections of this ordinance are declared to be severable. If any section or portion thereof shall be declared by a court of competent jurisdiction to be invalid, unlawful or unenforceable, such decision shall apply only to the specific section or portion thereof directly specified in the decision, and shall not affect the validity of any other provisions, sections or portions thereof of the ordinance. The remainder of the ordinance shall remain in full force and effect. Any other ordinances whose terms are in conflict with the provisions of this ordinance are

hereby repealed as to those terms that conflict.

SECTION 3: EFFECTIVE DATE.

This ordinance shall take effect immediately upon passage and publication as provided by law.

Passed and adopted at a regular meeting of the Common Council of the City of Pewaukee this 4th day of December 2023.

CITY OF PEWAUKEE

_____
Steve Bierce, Mayor

ATTEST:

_____
Kelly Tarczewski, City Clerk/Treasurer

DATE: November 20, 2023

DEPARTMENT: PW - Water/Sewer

PROVIDED BY: Magdelene Wagner/Jane Mueller

SUBJECT:

Discussion and Possible Action Regarding Potential Water Rate Increase and Notice of Public Service Commission Public Hearing [Wagner / Mueller]

BACKGROUND:

See attached.

FINANCIAL IMPACT:

RECOMMENDED MOTION:

No motion needed at this time. We will bring the official rate increase back to the Council for approval after the public hearing.

ATTACHMENTS:

Description

Proposed Water Rate Increase Memo

PSC Report

Department of Public Works
Water & Sewer Utility
W240N3065 Pewaukee Road • Pewaukee, WI 53072
Phone: (262) 691-0804 • Fax: (262) 691-5729
Email: publicworks@pewaukee.wi.us

MEMORANDUM

Date: November 15, 2023
To Common Council
From Jane E. Mueller, Utility Manager
Re: Proposed Water Rate Increase. Public Service Commission Public Hearing

The Utility was notified by the Public Service Commission (PSC) that they have completed the analysis of the City of Pewaukee water rate increase application. The Commission staff conducted a cost-of-service analysis which determined their proposed rates.
The Commission staff has proposed a 2-step rate increase for the City of Pewaukee. Step I propose rates that would increase revenues by an estimated $429,422 which include a reduction in the Public Fire Protection (PFP) rate.
Below is a summary of the most common changes in Utility rates:

	Current Rate	Proposed change Implemented first quarter 2024
Per/1000 gallons	$3.62	$4.75
Quarterly Meter charge		
(Typical Residential) ¾"	$ 25.20	$ 30.00
1"	$ 36.00	$ 42.00
1 ½"	$ 60.00	$ 69.00
2"	$ 84.00	$ 96.00
3"	$147.00	$154.00
4"	$216.00	$228.00
Public Fire Protection (AKA Fire Hydrant Fee)		
Per $1000 of assessed Property value		
Quarterly	$0.05444	$0.04785
Annual	$0.21774	$0.19138

(Will generate approximately $616,511 down from approximately $701,409.)

Under the Step I rate proposed; a typical single-family residential customer's bill would increase 27.36%. An average residential water bill per quarter would be the following:

Water Meter charge	$ 30.00
Average water use 15,000 per quarter at $ 4.75/1000	$ 71.25
Quarterly sewer Charge	$141.00
Average quarterly water & sewer bill without Public Fire Protection charges.	$242.25

Step II of the rate proposal would take place upon completion of the installation of the Bluemound Road water main loop expected in late 2024 and early 2025. Step II increase is proposed to generate an additional $361,286. The additional funds will assist the Utility in paying off debt that will be incurred with financing this large project.

The PSC and the Utility will be holding a joint public hearing on November 30, 2023, at 3:00pm, to allow for citizen comments on the proposed rates. The Public Notice of the rate increase and Public Hearing have been posted in the Waukesha Freeman on November 17, 2023. The information has also been posted at our public posting location at Wagner Park, City Hall, and the City website.

Public Service Commission of Wisconsin

Rebecca Cameron Valcq, Chairperson
Tyler Huebner, Commissioner
Summer Strand, Commissioner

4822 Madison Yards Way
P.O. Box 7854
Madison, WI 53707-7854

Public Service Commission of Wisconsin
RECEIVED: 10/19/2023 4:15:02 PM

October 19, 2023

Ms. Jane Mueller, Utility Manager
City of Pewaukee Water Utility
W240N3065 Pewaukee Road
Pewaukee, WI 53072

Re: Application of the City of Pewaukee, Waukesha County, Wisconsin, as a Water Public Utility, for Authority to Adjust Water Rates — 4625-WR-104

Dear Ms. Mueller:

Public Service Commission (Commission) staff has analyzed the City of Pewaukee Water Utility (applicant) application for a water rate increase. The Commission received the application on March 23, 2023. The attached proposed exhibit (Exhibit) contains schedules showing Commission staff's proposed cost-of-service analysis and proposed rates. Commission staff intends to submit the Exhibit at the public hearing, which will be scheduled at a later date.

The Commission staff Exhibit provides for an overall increase of $790,708 over the applicant's present revenues, which would be implemented in two steps. The proposed Step I increase of $429,422 would take effect following the issuance of the Final Decision. The overall Step II increase of $790,708 is compared to the current rates and is an additional increase of $361,286 over Step I rates. The applicant would implement the remaining Step II increase when the project the Commission authorized in docket 4625-CW-121 is completed and placed into service.

The Step I revenue requirement for the 2023 test year is comprised of the following:

Operation and Maintenance Expenses	$	1,703,582
Depreciation Expense	$	360,753
Property Tax Equivalent and Other Taxes	$	597,914
Return on Rate Base	$	545,736
Total	$	3,207,985

For Step I, Commission staff used a 6.40 percent rate of return on the estimated water utility net investment rate base for the 2023 test year, as recommended by our staff auditor. (PSC REF#: 481143.)

For Step I, Schedule 13 of the Exhibit shows the proposed rates that would increase annual revenues from water public utility service by an estimated $429,422. Commission staff

estimates $541,211 would be from general service customers, and a decrease of $111,789 would be from the public fire protection (PFP) charge. The overall increase in customer rates is 16.05 percent and is comprised of a 27.80 percent increase in general service charges and a 15.35 percent decrease in PFP charges.

Under the Step I rates proposed in the Exhibit, a typical single-family residential customer's bill would increase 27.36 percent. Schedule 14 of the Exhibit shows Commission staff's analysis of customer bills for comparison of proposed and present rates.

The Step II revenue requirement for the 2023 test year is comprised of the following:

Operation and Maintenance Expenses	$	1,703,582
Depreciation Expense	$	410,042
Property Tax Equivalent and Other Taxes	$	640,862
Return on Rate Base	$	814,785
Total	$	3,569,271

For Step II, Commission staff used a 6.40 percent rate of return on the estimated water utility net investment rate base for the 2023 test year, as recommended by our staff auditor. (PSC REF#: 481143.)

For Step II, Schedule 13 of the Exhibit shows the proposed rates that would increase annual revenues for water public utility service by an estimated $790,708, of which $828,945 would be from general service customers, and a decrease of $38,237 would be from the PFP charge. The overall increase in customer rates is 29.56 percent and is comprised of a 42.58 percent increase in general service charges and a 5.25 percent decrease in PFP charges. The increase in water utility revenues results from a 16.34 percent increase in gross plant investment and a 22.83 percent increase in operating expenses since the applicant's last water conventional rate case (CRC) filed in 2019.

The Step II rates include the Step I increase. Under the Step II rates proposed in the Exhibit, a typical single-family residential customer's overall bill will increase 40.57 percent after Step II has been implemented. That same customer will see an increase of 10.37 percent from Step I to Step II. Schedule 14 of the Exhibit shows Commission staff's analysis of customer bills for comparison of proposed Step II and present rates and proposed Step II and proposed Step I rates.

At the request of the applicant, Commission staff proposes to eliminate Schedule Am-1, Additional Meter Rental Charge, as it is no longer used.

Schedule X-1, Water Utility Operating Rules, of Schedule 13 includes changes to the applicant's filed rules that reflect the latest requirements in Wis. Admin. Code ch. PSC 185. Commission staff will recommend these changes to the Commission.

The proposed Commission staff Exhibit is intended to provide the Commission with Commission staff's analysis and is not a final decision. After review of the attached Exhibit, the applicant may, within five business days of the date of this letter, present its own case and may submit any additional information it believes to be pertinent to support its position. If Commission staff does not receive a response within that time, it will assume the applicant is in agreement with the staff proposal, and Commission staff will contact the applicant to schedule the public hearing. Please note that this is the applicant's primary opportunity to address any concerns or changes to Commission staff's proposed Cost of Service and Rate Design Exhibit.

The applicant should also be aware that the Commission will base its decision on the merits of the case and that the general service and PFP rates are typically effective within 90 days of the Final Decision.

In order to receive notification of official correspondence (i.e. data requests, notices, final decisions, etc.), individuals must subscribe to the Utility ID or PSC Docket. To subscribe, go to the Commission's Electronic Records Filing (ERF) system. For help subscribing, go to Subscribing to Dockets.

If you have any questions, please contact me.

Sincerely,

Alex Hanna
Public Utility Rate Analyst
Public Service Commission of Wisconsin
Division of Water Utility Regulation and Analysis
(608) 267–2336 | Alex.Hanna@wisconsin.gov

AJH:alf:krl DL:01968445

Attachment

cc: Bridgot Gysbers, Ruekert & Mielke, Inc.

Docket 4625-WR-104

Ex.-PSC-COSS and Rate Design

City of Pewaukee Water Utility - Step I

	Schedule
Comparative Income Statement	1
Net Investment Rate Base	2
Utility Financed Plant in Service and Depreciation Expense	3
System Demand Ratios	4
Allocation of Utility Financed Plant to Service Cost Functions	5
Allocation of Total Plant to Service Cost Functions	5A
Allocation of Depreciation Expense to Service Cost Functions	6
Allocation of Operation and Maintenance Expenses to Service Cost Functions	7
Summary of Allocation of Operating Costs to Service Cost Functions	8
Customer Class Demand Ratios	9
Customer Class Allocation Factors	10
Allocation of Service Cost Functions to Customer Classes	11
Comparison of Revenue at Present Rates, Cost of Service and Proposed Rates	12
Proposed Water Rates and Rules	13
Customer Water Bill Comparison at Present and Proposed Rates	14

COMPARATIVE INCOME STATEMENT

ACCT NO.	OPERATING REVENUES	2019	2020	2021	2022	TEST YEAR 2023
460	Unmetered Sales to General Customers					
	Residential	$ 123,060	$ 1,058	$ 1,764	$ 1,411	$ 1,588
	Multi-Family Residential	0	0	0	0	0
	Commercial	59,231	0	60	0	0
	Industrial	0	0	60	0	0
	Public Authority	0	0	0	0	0
	Irrigation	0	0	0	0	0
461	Metered Sales to General Customers					
	Residential	776,215	1,039,272	1,188,039	1,153,765	1,159,680
	Multi-Family Residential	163,974	179,663	205,120	214,158	209,940
	Commercial	352,507	396,688	460,817	432,538	451,088
	Industrial	87,436	85,532	121,618	203,100	116,575
	Public Authority	3,755	5,080	10,366	11,173	9,446
	Irrigation	0	0	0	0	0
	TOTAL GENERAL SALES	$ 1,566,178	$ 1,707,293	$ 1,987,844	$ 2,016,145	$ 1,948,317
462	Private fire protection service	74,871	75,229	75,739	77,593	79,446
463	Public fire protection service	442,024	471,542	559,053	701,409	728,300
465	Other water sales	0	0	0	0	0
466	Sales for resale	0	0	0	0	0
467	Interdepartmental sales	0	0	0	0	0
470	Forfeited discounts	7,797	4,056	9,465	8,000	8,500
472	Rents from water property	0	0	0	0	0
473	Interdepartmental rents	0	0	0	0	0
474	Other water revenues	13,790	21,762	22,806	14,000	14,000
	TOTAL OPERATING REVENUES	$ 2,104,660	$ 2,279,882	$ 2,654,907	$ 2,817,147	$ 2,778,563
	OPERATING EXPENSES					
	SOURCE OF SUPPLY					
600	Operation labor	$ 18,067	$ 19,201	$ 20,760	$ 23,500	$ 23,700
601	Purchased water	0	0	0	300	300
602	Operation supplies and expenses	12,465	29,765	21,212	30,850	20,500
605	Maintenance of water source plant	136,966	1,744	40,019	75,000	63,700
	PUMPING EXPENSES					
620	Operation labor	52,639	42,268	47,954	51,700	63,957
621	Fuel for power production	0	0	0	0	0
622	Fuel or power purchased for pumping	226,160	235,433	236,574	248,000	260,000
623	Operation supplies and expenses	16,197	11,162	9,776	16,750	14,900
625	Maintenance of pumping plant	9,275	43,604	13,262	85,000	25,000

COMPARATIVE INCOME STATEMENT
(continued)

ACCT NO.	OPERATING EXPENSES	2019	2020	2021	2022	TEST YEAR 2023
	WATER TREATMENT EXPENSES					
630	Operation labor	$ 16,318	$ 12,909	$ 9,712	$ 15,780	$ 12,953
631	Chemicals	119,700	129,541	127,668	136,000	144,000
632	Operation supplies and expenses	11,706	11,083	9,572	16,000	82,000
635	Maintenance of water treatment plant	12,427	14,983	24,013	$ 16,500	26,300
	TRANSMISSION & DISTRIBUTION EXPENSES					
640	Operation labor	24,054	21,181	19,720	26,000	26,301
641	Operation supplies and expenses	13,913	14,393	14,668	19,300	20,900
650	Maintenance of distr. reservoirs	12,124	11,504	6,874	40,000	95,200
651	Maintenance of mains	24,192	68,882	52,527	80,000	45,600
652	Maintenance of services	16,521	41,913	20,422	35,000	40,000
653	Maintenance of meters	16,253	13,497	21,642	20,000	17,800
654	Maintenance of hydrants	29,111	44,179	32,589	85,000	44,000
655	Maintenance of other plant	6,190	1,843	0	2,500	3,000
	CUSTOMER ACCOUNTS EXPENSES					
901	Meter reading labor	4,743	4,622	4,289	4,000	4,250
902	Accounting and collecting labor	1,016	17,845	0	5,650	5,722
903	Supplies and expenses	19,467	30,526	28,374	20,000	20,000
904	Uncollectible accounts	0	0	0	25	100
906	Customer service and informational expense	2,055	0	0	1,000	0
	SALES EXPENSES					
910	Sales Expenses	0	0	0	0	0
	ADMINISTRATIVE & GENERAL EXPENSES					
920	Administrative and general salaries	104,246	107,099	122,401	118,443	198,539
921	Office supplies and expenses	5,014	7,269	7,139	18,075	15,600
922	Administrative expenses transferred -- credit	0	0	0	0	0
923	Outside services employed	61,080	74,930	111,772	84,250	84,250
924	Property insurance	16,447	16,598	17,417	22,960	25,639
925	Injuries and damages	0	0	0	0	0
926	Employee pensions and benefits	156,300	138,939	126,160	219,732	200,000
928	Regulatory commission expenses	39,229	17,631	992	25,000	35,000
930	Miscellaneous general expenses	20,572	22,540	22,468	24,900	24,871
933	Transportation expenses	14,546	12,468	16,920	14,365	21,000
935	Maintenance of general plant	30,700	37,226	34,023	35,600	38,500
	TOTAL OPER. & MAINT. EXPENSES	$ 1,249,693	$ 1,256,778	$ 1,220,919	$ 1,617,180	$ 1,703,582
403	**DEPRECIATION EXPENSE**	343,335	505,500	464,335	440,015	360,753
404-407	**AMORTIZATION EXPENSE**	138,880	78,112	78,112	0	0
408	**TAXES AND TAX EQUIVALENT**	609,974	598,062	580,459	586,671	597,914
	TOTAL OPERATING EXPENSES	$ 2,341,882	$ 2,438,452	$ 2,343,825	$ 2,643,866	$ 2,662,249
	NET OPERATING INCOME	**$ (237,222)**	**$ (158,570)**	**$ 311,082**	**$ 173,281**	**$ 116,314**

NET INVESTMENT RATE BASE

UTILITY FINANCED PLANT IN SERVICE	$	13,033,376
Less: ACCUMULATED PROVISION FOR DEPRECIATION		4,447,512
NET PLANT IN SERVICE	$	8,585,864
Plus: MATERIALS AND SUPPLIES		9,824
Less: REGULATORY LIABILITY		68,565
NET INVESTMENT RATE BASE	$	8,527,123
RATE OF RETURN ON RATE BASE		6.40%

ESTIMATED INCOME STATEMENT FOR THE 2023 TEST YEAR AND REVENUE REQUIREMENT TO YIELD A 6.40% RETURN ON NET INVESTMENT RATE BASE

		Present Rates		Increase		After Rate Increase
TOTAL OPERATING REVENUES	$	2,778,563	$	429,422	$	3,207,985
OPERATING EXPENSES:						
OPERATION & MAINTENANCE EXPENSES	$	1,703,582			$	1,703,582
DEPRECIATION EXPENSE		360,753				360,753
AMORTIZATION EXPENSE		0				0
TAXES AND TAX EQUIVALENT		597,914				597,914
TOTAL OPERATING EXPENSES	$	2,662,249			$	2,662,249
NET OPERATING INCOME (LOSS)	$	116,314			$	545,736
RATE OF RETURN ON RATE BASE		1.36%				6.40%

UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2023

ACCT NO.	ACCOUNT DESCRIPTION	Balance 12/31/2022 ($)	Major Additions Less Retirements ($)	Normal Additions ($)	Retirements ($)	Balance 12/31/2023 ($)	Test Year Rate Base Balance ($)	Depreciation Rate (%)	Depreciation Expense ($)
	INTANGIBLE PLANT								
301	Organization	0	0	0	0	0	0	N/A	0
302	Franchises and Consents	0	0	0	0	0	0	N/A	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	N/A	0
	SOURCE OF SUPPLY								
310	Land and Land Rights	0	0	0	0	0	0	N/A	0
311	Structures and Improvements	0	0	0	0	0	0	0.00%	0
312	Collecting and Impounding Reservoirs	0	0	0	0	0	0	0.00%	0
313	Lake, River, and Other Intakes	0	0	0	0	0	0	0.00%	0
314	Wells and Springs	339,776	0	0	0	339,776	339,776	2.90%	9,854
316	Supply Mains	176,607	0	0	0	176,607	176,607	1.80%	3,179
317	Other Water Source Plant	0	0	0	0	0	0	0.00%	0
	PUMPING PLANT								
320	Land and Land Rights	211,052	(37,956)	0	0	173,096	173,096	N/A	0
321	Structures and Improvements	2,177,871	0	18,000	0	2,195,871	2,186,871	3.20%	69,980
323	Other Power Production Equipment	0	0	0	0	0	0	0.00%	0
325	Electric Pumping Equipment	1,503,571	0	420,662	6,000	1,918,233	1,710,902	4.40%	75,280
326	Diesel Pumping Equipment	0	0	0	0	0	0	0.00%	0
328	Other Pumping Equipment	149,569	0	0	0	149,569	149,569	Fully Depr.	0
	WATER TREATMENT PLANT								
330	Land and Land Rights	0	0	0	0	0	0	N/A	0
331	Structures and Improvements	0	0	0	0	0	0	0.00%	0
332	Sand or Other Media Filtration Equipment	0	0	0	0	0	0	0.00%	0
333	Membrane Filtration Equipment	0	0	0	0	0	0	0.00%	0
334	Other Water Treatment Equipment	783,909	0	28,000	0	811,909	797,909	6.00%	47,875

UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2023
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	Balance 12/31/2022 ($)	Major Additions ($)	Normal Additions ($)	Retirements ($)	Balance 12/31/2023 ($)	TEST YEAR RATE BASE BALANCE ($)	DEPRECIATION RATE (%)	DEPRECIATION EXPENSE ($)
	TRANSMISSION & DISTRIBUTION PLANT								
340	Land and Land Rights	0	0	0	0	0	0	N/A	0
341	Structures and Improvements	0	0	0	0	0	0	0.00%	0
342	Distribution Reservoirs and Standpipes	1,760,075	0	0	0	1,760,075	1,760,075	1.90%	33,441
343	Transmission and Distribution Mains	2,206,932	0	557,623	12,800	2,751,755	2,479,344	1.30%	32,231
345	Services	706,630	0	193,354	0	899,984	803,307	2.90%	23,296
346	Meters	728,208	0	78,000	0	806,208	767,208	5.50%	42,196
348	Hydrants	557,022	0	165,378	4,500	717,900	637,461	2.20%	14,024
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0.00%	0
	GENERAL PLANT								
389	Land and Land Rights	0	0	0	0	0	0	N/A	0
390	Structures and Improvements	0	0	0	0	0	0	0.00%	0
391	Office Furniture and Equipment	59,947	0	0	0	59,947	59,947	Fully Depr.	0
391	Computer Equipment	165,310	0	0	0	165,310	165,310	Fully Depr.	0
392	Transportation Equipment	334,234	0	102,000	0	436,234	385,234	Fully Depr.	0
393	Stores Equipment	0	0	0	0	0	0	0.00%	0
394	Tools, Shop and Garage Equipment	0	0	0	0	0	0	0.00%	0
395	Laboratory Equipment	0	0	0	0	0	0	0.00%	0
396	Power Operated Equipment	175	0	0	0	175	175	7.50%	13
397	Communication Equipment	0	0	0	0	0	0	0.00%	0
397	SCADA Equipment	260,911	0	35,750	0	296,661	278,786	Fully Depr.	0
398	Miscellaneous Equipment	161,799	0	0	0	161,799	161,799	5.80%	9,384
	TOTAL UTILITY FINANCED PLANT IN SERVICE	**12,283,598**	**(37,956)**	**1,598,767**	**23,300**	**13,821,109**	**13,033,376**		**360,753**

City of Pewaukee Water Utility - Step I

SYSTEM DEMAND RATIOS

MAXIMUM DAY SYSTEM DEMAND

TOTAL ANNUAL PUMPAGE	455,154,061	Gallons
AVERAGE DAILY PUMPAGE	1,246,997	Gallons
MAXIMUM DAY PUMPAGE	2,618,695	Gallons
FIRE FLOW:		
GAL/MIN	4,000	
DURATION (HOURS)	4.00	
TOTAL FLOW	960,000	Gallons
AVERAGE DAY PLUS FIRE FLOW	2,206,997	Gallons

RATIO: BASE = $\frac{1,246,997}{2,618,695}$ = 47.62%

MAX DAY = 100-BASE = 52.38%

MAXIMUM HOUR SYSTEM DEMAND

AVERAGE HOUR ON MAX DAY	109,112	Gallons
MAXIMUM HOUR PUMPAGE	155,875	Gallons
AVERAGE HOUR PLUS ONE HOUR FIRE FLOW	291,958	Gallons

RATIO: BASE = $\frac{1,246,997}{7,006,997}$ = 17.80% Use 17.80%

MAX HOUR = 100-BASE = 82.20% Use 82.20%

ALLOCATION OF UTILITY FINANCED PLANT
TO SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	INTANGIBLE PLANT												
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
	SOURCE OF SUPPLY												
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
312	Collecting and Impounding Reservoirs	0	0		0								
313	Lake, River, and Other Intakes	0	0		0								
314	Wells and Springs	339,776	161,798		177,978								
316	Supply Mains	176,607	84,099		92,508								
317	Other Water Source Plant	0	0		0								
	PUMPING PLANT												
320	Land and Land Rights	173,096	82,427		90,669								
321	Structures and Improvements	2,186,871	1,041,367		1,145,504								
323	Other Power Production Equipment	0	0		0								
325	Electric Pumping Equipment	1,710,902	814,715		896,187								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	149,569	71,223		78,346								
	WATER TREATMENT PLANT												
330	Land and Land Rights	0	0		0								
331	Structures and Improvements	0	0		0								
332	Sand or Other Media Filtration Equipment	0	0		0								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	797,909	379,957		417,952								

ALLOCATION OF UTILITY FINANCED PLANT
TO SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	TRANSMISSION & DISTRIBUTION PLANT												
340	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
341	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution Reservoirs and Standpipes	1,760,075	313,231						1,446,844				
343	Transmission mains	2,479,344	1,180,640		1,298,704								
343	Distribution mains	0		0				0					
345	Services	803,307										803,307	
346	Meters	767,208									767,208		
348	Hydrants	637,461											637,461
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0	0	0	0	0	0
	GENERAL PLANT												
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
391	Office Furniture and Equipment	59,947	20,660	0	21,002	0	0	0	7,239	0	3,838	4,019	3,189
391	Computer Equipment	165,310	56,972	0	57,915	0	0	0	19,961	0	10,585	11,083	8,795
392	Transportation Equipment	385,234	132,765	0	134,964	0	0	0	46,517	0	24,666	25,827	20,495
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	0	0	0	0	0	0	0	0	0	0	0	0
395	Laboratory Equipment	0	0	0	0	0	0	0	0	0	0	0	0
396	Power Operated Equipment	175	60	0	61	0	0	0	21	0	11	12	9
397	Communication Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	SCADA Equipment	278,786	96,079	0	97,671	0	0	0	33,663	0	17,850	18,690	14,832
398	Miscellaneous Equipment	161,799	55,762	0	56,685	0	0	0	19,537	0	10,360	10,847	8,608
	TOTAL	**13,033,376**	**4,491,754**	**0**	**4,566,146**	**0**	**0**	**0**	**1,573,783**	**0**	**834,519**	**873,785**	**693,389**

ALLOCATION OF TOTAL PLANT
TO SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	EXTRA-CAPACITY: BASE COSTS System ($)	EXTRA-CAPACITY: BASE COSTS Distribution ($)	EXTRA-CAPACITY: MAX DAY System ($)	EXTRA-CAPACITY: MAX DAY Distribution ($)	EXTRA-CAPACITY: MAX HOUR System ($)	EXTRA-CAPACITY: MAX HOUR Distribution ($)	EXTRA-CAPACITY: MAX HOUR Storage ($)	CUSTOMER COSTS Billing ($)	CUSTOMER COSTS Equivalent Meter ($)	CUSTOMER COSTS Equivalent Service ($)	Fire Protection ($)
	INTANGIBLE PLANT												
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
	SOURCE OF SUPPLY												
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
312	Collecting and Impounding Reservoirs	0	0		0								
313	Lake, River, and Other Intakes	0	0		0								
314	Wells and Springs	2,160,593	1,028,854		1,131,739								
316	Supply Mains	217,091	103,377		113,714								
317	Other Water Source Plant	0	0		0								
	PUMPING PLANT												
320	Land and Land Rights	370,387	176,375		194,012								
321	Structures and Improvements	6,634,719	3,159,390		3,475,329								
323	Other Power Production Equipment	0	0		0								
325	Electric Pumping Equipment	2,299,017	1,094,770		1,204,247								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	201,872	96,130		105,742								
	WATER TREATMENT PLANT												
330	Land and Land Rights	0	0		0								
331	Structures and Improvements	0	0		0								
332	Sand or Other Media Filtration Equipment	0	0		0								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	887,443	422,592		464,851								

ALLOCATION OF TOTAL PLANT
TO SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	TRANSMISSION & DISTRIBUTION PLANT												
340	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
341	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution Reservoirs and Standpipes	4,242,092	754,942						3,487,150				
343	Transmission mains	15,958,758	7,599,409		8,359,349								
343	Distribution mains	13,021,934		2,317,443				10,704,491					
345	Services	5,196,488										5,196,488	
346	Meters	767,208									767,208		
348	Hydrants	3,841,899											3,841,899
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0	0	0	0	0	0
	GENERAL PLANT												
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
391	Office Furniture and Equipment	59,947	15,509	2,490	16,168	0	0	11,500	3,746	0	824	5,583	4,127
391	Computer Equipment	165,310	42,767	6,866	44,584	0	0	31,713	10,331	0	2,273	15,395	11,382
392	Transportation Equipment	385,234	99,664	15,999	103,897	0	0	73,903	24,075	0	5,297	35,876	26,524
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	0	0	0	0	0	0	0	0	0	0	0	0
395	Laboratory Equipment	0	0	0	0	0	0	0	0	0	0	0	0
396	Power Operated Equipment	175	45	7	47	0	0	34	11	0	2	16	12
397	Communication Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	SCADA Equipment	278,786	72,124	11,578	75,188	0	0	53,482	17,423	0	3,833	25,963	19,195
398	Miscellaneous Equipment	172,429	44,609	7,161	46,504	0	0	33,079	10,776	0	2,371	16,058	11,872
	TOTAL	**56,861,382**	**14,710,556**	**2,361,545**	**15,335,371**	**0**	**0**	**10,908,200**	**3,553,511**	**0**	**781,808**	**5,295,379**	**3,915,011**

ALLOCATION OF DEPRECIATION EXPENSE
TO SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	INTANGIBLE PLANT												
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
	SOURCE OF SUPPLY												
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
312	Collecting and Impounding Reservoirs	0	0		0								
313	Lake, River, and Other Intakes	0	0		0								
314	Wells and Springs	9,854	4,692		5,162								
316	Supply Mains	3,179	1,514		1,665								
317	Other Water Source Plant	0	0		0								
	PUMPING PLANT												
320	Land and Land Rights	0	0		0								
321	Structures and Improvements	69,980	33,324		36,656								
323	Other Power Production Equipment	0	0		0								
325	Electric Pumping Equipment	75,280	35,848		39,432								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	0	0		0								
	WATER TREATMENT PLANT												
330	Land and Land Rights	0	0		0								
331	Structures and Improvements	0	0		0								
332	Sand or Other Media Filtration Equipment	0	0		0								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	47,875	22,798		25,077								

ALLOCATION OF DEPRECIATION EXPENSE
TO SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	TRANSMISSION & DISTRIBUTION PLANT												
340	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
341	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution Reservoirs and Standpipes	33,441	5,951						27,490				
343	Transmission mains	32,231	15,348		16,883								
343	Distribution mains	0		0				0					
345	Services	23,296										23,296	
346	Meters	42,196									42,196		
348	Hydrants	14,024											14,024
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0	0	0	0	0	0
	GENERAL PLANT												
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
391	Office Furniture and Equipment	0	0	0	0	0	0	0	0	0	0	0	0
391	Computer Equipment	0	0	0	0	0	0	0	0	0	0	0	0
392	Transportation Equipment	0	0	0	0	0	0	0	0	0	0	0	0
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	0	0	0	0	0	0	0	0	0	0	0	0
395	Laboratory Equipment	0	0	0	0	0	0	0	0	0	0	0	0
396	Power Operated Equipment	13	4	0	5	0	0	0	1	0	2	1	1
397	Communication Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	SCADA Equipment	0	0	0	0	0	0	0	0	0	0	0	0
398	Miscellaneous Equipment	9,384	3,191	0	3,335	0	0	0	734	0	1,127	622	375
	TOTAL	**360,753**	**122,670**	**0**	**128,215**	**0**	**0**	**0**	**28,225**	**0**	**43,325**	**23,919**	**14,399**

ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	SOURCE OF SUPPLY												
600	Operation labor	23,700	11,286		12,414								
601	Purchased water	300	300										0
602	Operation supplies and expenses	20,500	9,762		10,738								
605	Maintenance of water source plant	63,700	30,333		33,367								
	PUMPING EXPENSES												
620	Operation labor	63,957	30,456		33,501								
621	Fuel for power production	0	0										
622	Fuel or power purchased for pumping	260,000	260,000										
623	Operation supplies and expenses	14,900	7,095		7,805								
625	Maintenance of pumping plant	25,000	11,905		13,095								
	WATER TREATMENT EXPENSES												
630	Operation labor	12,953	6,168		6,785								
631	Chemicals	144,000	144,000										
632	Operation supplies and expenses	82,000	39,048		42,952								
635	Maintenance of water treatment plant	26,300	12,524		13,776								
	TRANSMISSION & DISTRIBUTION EXPENSES												
640	Operation labor	26,301	2,869	494	1,136	0	0	2,282	8,484	0	1,930	4,337	4,770
641	Operation supplies and expenses	20,900	2,280	393	902	0	0	1,813	6,742	0	1,533	3,446	3,791
650	Maintenance of distr. reservoirs	95,200	16,942						78,258				
651	Maintenance of transmission mains	19,999	9,523		10,476								
651	Maintenance of distribution mains	25,601		4,556				21,045					
652	Maintenance of services	40,000										40,000	
653	Maintenance of meters	17,800									17,800		
654	Maintenance of hydrants	44,000											44,000
655	Maintenance of other plant	3,000	327	56	130	0	0	260	968	0	220	495	544

ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	CUSTOMER ACCOUNTS EXPENSES												
901	Meter reading labor	4,250								4,250			
902	Accounting and collecting labor	5,722								5,722			
903	Supplies and expenses	20,000								20,000			
904	Uncollectible accounts	100								100			
906	Customer service and informational expense	0								0			
	SALES EXPENSES												
910	Sales Expenses	0								0			
	ADMINISTRATIVE & GENERAL EXPENSES												
920	Administrative and general salaries	198,539	59,302	1,712	58,231	0	0	7,906	29,400	3,744	6,687	15,027	16,530
921	Office supplies and expenses	15,600	4,660	134	4,575	0	0	621	2,310	294	525	1,181	1,299
922	Administrative expenses transferred -- credit	0	0	0	0	0	0	0	0	0	0	0	0
923	Outside services employed	84,250	25,165	726	24,710	0	0	3,355	12,476	1,589	2,838	6,377	7,014
924	Property insurance	25,639	6,633	1,065	6,915	0	0	4,919	1,602	0	353	2,388	1,765
925	Injuries and damages	0	0	0	0	0	0	0	0	0	0	0	0
926	Employee pensions and benefits	200,000	59,739	1,724	58,660	0	0	7,964	29,616	3,772	6,736	15,138	16,651
928	Regulatory commission expenses	35,000	10,454	302	10,265	0	0	1,394	5,183	660	1,179	2,649	2,914
930	Miscellaneous general expenses	24,871	7,429	214	7,295	0	0	990	3,683	469	838	1,882	2,071
933	Transportation expenses	21,000	6,273	181	6,159	0	0	836	3,110	396	707	1,589	1,748
935	Maintenance of general plant	38,500	11,500	332	11,292	0	0	1,533	5,701	726	1,297	2,914	3,205
	TOTAL OPERATION & MAINTENANCE EXPENSES	**1,703,582**	**785,972**	**11,889**	**375,180**	**0**	**0**	**54,918**	**187,532**	**41,722**	**42,643**	**97,422**	**106,303**

SUMMARY OF ALLOCATION OF OPERATING COSTS TO SERVICE COST FUNCTIONS

				EXTRA-CAPACITY					CUSTOMER COSTS			
		BASE COSTS		MAX DAY		MAX HOUR						
OPERATING COST	TOTAL ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
OPERATION AND MAINTENANCE	1,703,582	785,972	11,889	375,180	0	0	54,918	187,532	41,722	42,643	97,422	106,303
DEPRECIATION EXPENSE	360,753	122,670	0	128,215	0	0	0	28,225	0	43,325	23,919	14,399
AMORTIZATION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0
TAXES AND TAX EQUIVALENT	597,914	154,686	24,832	161,256	0	0	114,703	37,366	0	8,221	55,682	41,167
RETURN ON NET INVESTMENT RATE BASE	545,736	188,080	0	191,194	0	0	0	65,898	0	34,943	36,587	29,034
TOTAL	**3,207,985**	**1,251,407**	**36,722**	**855,846**	**0**	**0**	**169,621**	**319,021**	**41,722**	**129,131**	**213,611**	**190,904**

CUSTOMER CLASS DEMAND RATIOS

CUSTOMER CLASS	Annual Volume 1,000 Mgal	BASE COSTS: Average Day Volume Gal	BASE COSTS: Percent (%)	BASE COSTS: System Adjusted Percent (%)	BASE COSTS: Distribution Adjusted Percent (%)	BASE COSTS: Extra Capacity Ratio	EXTRA-CAPACITY MAX DAY DEMAND: Volume Rate Gal Per Day	EXTRA-CAPACITY MAX DAY DEMAND: Percent (%)	EXTRA-CAPACITY MAX DAY DEMAND: System Adjusted Percent (%)	EXTRA-CAPACITY MAX DAY DEMAND: Distribution Adjusted Percent (%)	EXTRA-CAPACITY MAX DAY DEMAND: Extra Capacity Ratio	EXTRA-CAPACITY MAX HOUR DEMAND: Volume Rate Gal Per Hour	EXTRA-CAPACITY MAX HOUR DEMAND: Percent (%)	EXTRA-CAPACITY MAX HOUR DEMAND: System Adjusted Percent (%)	EXTRA-CAPACITY MAX HOUR DEMAND: Distribution Adjusted Percent (%)	EXTRA-CAPACITY MAX HOUR DEMAND: Storage Adjusted Percent (%)
Residential	216,877	594,182	52.89%	52.89%	52.89%	2.44	1,449,805	42.67%	42.67%	42.67%	5.50	136,167	29.44%	30.60%	30.60%	29.44%
Multifamily Residential	51,097	139,991	12.46%	12.46%	12.46%	2.13	298,181	8.78%	8.78%	8.78%	4.80	27,998	6.05%	6.29%	6.29%	6.05%
Commercial	107,280	293,916	26.16%	26.16%	26.16%	1.82	534,928	15.74%	15.74%	15.74%	4.10	50,211	10.86%	11.28%	11.28%	10.86%
Industrial	28,900	79,178	7.05%	7.05%	7.05%	1.88	148,855	4.38%	4.38%	4.38%	2.20	7,258	1.57%	1.63%	1.63%	1.57%
Public Authority	1,833	5,022	0.45%	0.45%	0.45%	1.20	6,026	0.18%	0.18%	0.18%	4.03	843	0.18%	0.19%	0.19%	0.18%
Public Fire Protection	4,101	11,235	1.00%	1.00%	1.00%		960,000	28.25%	28.25%	28.25%		240,000	51.89%	50.00%	50.00%	51.89%
TOTALS	**410,087**	**1,123,525**	**100%**	**100%**	**100%**		**3,397,795**	**100%**	**100%**	**100%**		**462,477**	**100%**	**100%**	**100%**	**100%**
									50%	50%	<-- Public Fire % Limits -->			50%	50%	80%

Maximum Day Demand = 3,550,085 (GAL/DAY) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM DAY EXTRA CAPACITY DEMAND

Maximum Hour Demand = 268,822 (GAL/HR) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM HOUR EXTRA CAPACITY DEMAND

1.36 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX DAY

1.72 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX HOUR

CUSTOMER CLASS ALLOCATION FACTORS

NUMBER OF METERS

Meter size (inches):	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	TOTAL METERS	PERCENT
Residential	0	3,679	26	0	0	0	0	0	0	0	0	0	0	3,705	88.1%
Multifamily Residential	0	12	92	0	20	17	0	0	0	0	0	0	0	141	3.4%
Commercial	0	65	97	0	72	49	0	10	3	0	0	0	0	296	7.0%
Industrial	0	11	17	0	9	9	0	4	1	0	0	0	0	51	1.2%
Public Authority	0	3	2	0	4	2	0	1	0	0	0	0	0	12	0.3%
TOTALS	**0**	**3,770**	**234**	**0**	**105**	**77**	**0**	**15**	**4**	**0**	**0**	**0**	**0**	**4,205**	**100.0%**

EQUIVALENT METERS

ALLOCATION FACTOR: Meter size (inches): / Equiv. meters ratio:	5/8 1.0	3/4 1.0	1 2.5	1-1/4 3.7	1-1/2 5.0	2 8.0	2-1/2 12.5	3 15.0	4 25.0	6 50.0	8 80.0	10 120.0	12 160.0	TOTAL EQUIV. METERS	PERCENT
Residential	0	3,679	65	0	0	0	0	0	0	0	0	0	0	3,744	64.3%
Multifamily Residential	0	12	230	0	100	136	0	0	0	0	0	0	0	478	8.2%
Commercial	0	65	243	0	360	392	0	150	75	0	0	0	0	1,285	22.1%
Industrial	0	11	43	0	45	72	0	60	25	0	0	0	0	256	4.4%
Public Authority	0	3	5	0	20	16	0	15	0	0	0	0	0	59	1.0%
TOTALS	**0**	**3,770**	**585**	**0**	**525**	**616**	**0**	**225**	**100**	**0**	**0**	**0**	**0**	**5,821**	**100.0%**

EQUIVALENT SERVICES

ALLOCATION FACTOR: Meter size (inches): / Equiv. services ratio:	5/8 1.0	3/4 1.0	1 1.3	1-1/4 1.7	1-1/2 2.0	2 3.0	2-1/2 3.5	3 4.0	4 5.0	6 6.0	8 7.0	10 8.0	12 9.0	TOTAL EQUIV. SERVICES	PERCENT
Residential	0	3,679	34	0	0	0	0	0	0	0	0	0	0	3,713	80.8%
Multifamily Residential	0	12	120	0	40	51	0	0	0	0	0	0	0	223	4.8%
Commercial	0	65	126	0	144	147	0	40	15	0	0	0	0	537	11.7%
Industrial	0	11	22	0	18	27	0	16	5	0	0	0	0	99	2.2%
Public Authority	0	3	3	0	8	6	0	4	0	0	0	0	0	24	0.5%
TOTALS	**0**	**3,770**	**304**	**0**	**210**	**231**	**0**	**60**	**20**	**0**	**0**	**0**	**0**	**4,595**	**100.0%**

ALLOCATION OF SERVICE COST FUNCTIONS TO CUSTOMER CLASSES

	TOTAL ($)	Residential ($)	Multifamily Residential ($)	Commercial ($)	Industrial ($)	Public Authority ($)	Public Fire Protection ($)
BASE COSTS:							
SYSTEM	1,251,407	661,814	155,925	327,371	88,190	5,594	12,514
DISTRIBUTION	36,722	19,420	4,576	9,606	2,588	164	367
EXTRA-CAPACITY COSTS:							
MAXIMUM-DAY SYSTEM	855,846	365,181	75,107	134,739	37,494	1,518	241,807
MAXIMUM-DAY DISTRIBUTION	0	0	0	0	0	0	0
MAXIMUM-HOUR SYSTEM	0	0	0	0	0	0	0
MAXIMUM-HOUR DISTRIBUTION	169,621	51,908	10,673	19,141	2,767	321	84,810
MAXIMUM-HOUR STORAGE	319,021	93,929	19,313	34,636	5,007	582	165,554
CUSTOMER COSTS:							
BILLING	41,722	36,761	1,399	2,937	506	119	
EQUIVALENT METERS	129,131	83,056	10,604	28,495	5,668	1,309	
EQUIVALENT SERVICES	213,611	172,592	10,348	24,967	4,607	1,097	
FIRE PROTECTION	190,904						190,904
TOTAL COST	3,207,985	1,484,661	287,944	581,892	146,826	10,704	695,957
LESS OTHER REVENUE	103,534	14,886	2,579	5,212	1,315	96	79,446
COST OF SERVICE	3,104,451	1,469,775	285,365	576,680	145,511	10,608	616,511
REVENUE AT PRESENT RATES	2,675,029	1,159,680	209,940	451,088	116,575	9,446	728,300
DIFFERENCE	429,422	310,095	75,425	125,592	28,936	1,162	(111,789)
PERCENT INCREASE/DECREASE	**16.05%**	**26.74%**	**35.93%**	**27.84%**	**24.82%**	**12.30%**	**-15.35%**

City of Pewaukee Water Utility - Step I
Comparison of Revenue at
Present Rates, Cost of Service, and Proposed Rates

		Cost of Service		Proposed Rates		
Customer Class	**Revenue at Present Rates**	**Revenue Required**	**Increase over Present Rates**	**Revenue**	**Increase over Present Rates**	**Percent of Cost of Service**
Residential	$1,159,680	$1,469,775	26.74%	$1,476,012	27.28%	100.42%
Multifamily Residential	$209,940	$285,365	35.93%	$271,653	29.40%	95.19%
Commercial	$451,088	$576,680	27.84%	$581,218	28.85%	100.79%
Industrial	$116,575	$145,511	24.82%	$150,751	29.32%	103.60%
Public Authority	$9,446	$10,608	12.30%	$11,887	25.84%	112.06%
Public Fire Protection	$728,300	$616,511	-15.35%	$616,511	-15.35%	100.00%
Total	$2,675,029	$3,104,451	16.05%	$3,108,031	16.19%	100.12%

City of Pewaukee Water Utility – Step I

Proposed Water Rates and Rules

Docket 4625-WR-104

City of Pewaukee Water Utility – Step I

Water Rate File Changes

Amended

F-1
Upf-1
Mg-1
NSM-1
OC-1
Mpa-1
Ug-1
Sg-1
BW-1
R-1
Cz-1
X-1
X-2
X-3

Deleted

Am-1

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Public Fire Protection Service

Public fire protection service includes the use of hydrants for fire protection service only and such quantities of water as may be demanded for the purpose of extinguishing fires within the service area. This service shall also include water used for testing equipment and training personnel. For all other purposes, the metered or other rates set forth, or as may be filed with the Public Service Commission, shall apply.

Under Wis. Stat. § 196.03(3)(b), the municipality has chosen to have the utility bill the retail general service customers for public fire protection service. The municipality has also elected to make the charges in this schedule applicable to non-general service customer with private wells who own property that is located both within the municipal limits and in an area where the utility has an obligation to provide water for public fire protection.

Public Fire Protection Service Charges:

Quarterly: $0.04785 per thousand dollars of assessed valuation
Annually: $0.19138 per thousand dollars of assessed valuation

This rate is based on total assessed valuation of $3,221,315,000 and a total annual public fire protection charge of $616,511. The total assessed valuation included taxable parcels, tax exempt parcels, and non-general service customers with private wells.

Customers who are provided service under Schedules Mg-1, Ug-1, or Sg-1 shall also be subject to the charges in this schedule according to the size of their primary meter.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Private Fire Protection Service - Unmetered

This service shall consist of permanent or continuous unmetered connections to the main for the purpose of supplying water to private fire protection systems such as automatic sprinkler systems, standpipes, and private hydrants. This service shall also include reasonable quantities of water used for testing check valves and other backflow prevention devices.

Quarterly Private Fire Protection Service Demand Charges:

2 - inch or smaller connection:	$	12.00
3 - inch connection:	$	22.50
4 - inch connection:	$	37.50
6 - inch connection:	$	75.00
8 - inch connection:	$	120.00
10 - inch connection:	$	180.00
12 - inch connection:	$	240.00
14 - inch connection:	$	300.00
16 - inch connection:	$	360.00

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

General Service - Metered

Quarterly Service Charges:

⅝ - inch meter:	$	30.00	3 - inch meter:	$	153.00
¾ - inch meter:	$	30.00	4 - inch meter:	$	228.00
1 - inch meter:	$	42.00	6 - inch meter:	$	381.00
1¼ - inch meter:	$	54.00	8 - inch meter:	$	570.00
1½ - inch meter:	$	69.00	10 - inch meter:	$	840.00
2 - inch meter:	$	96.00	12 - inch meter:	$	1,095.00

Plus Volume Charges:

All water used quarterly: $4.75 per 1,000 gallons

Billing: Bills for water service are rendered quarterly and become due and payable upon issuance following the period for which service is rendered. A late payment charge of 1 percent per month will be added to bills not paid within 20 days of issuance. This late payment charge will be applied to the total unpaid balance for utility service, including unpaid late payment charges. The late payment charge is applicable to all customers. The utility customer may be given a written notice that the bill is overdue no sooner than 20 days after the bill is issued. Unless payment or satisfactory arrangement for payment is made within the next 10 days, service may be disconnected pursuant to Wis. Adm. Code ch. PSC 185.

Combined Metering: Volumetric meter readings will be combined for billing if the utility for its own convenience places more than one meter on a single water service lateral. Multiple meters placed for the purpose of identifying water not discharged into the sanitary sewer are not considered for utility convenience and shall not be combined for billing. This requirement does not preclude the utility from combining readings when metering configurations support such an approach. Meter readings from individually metered separate service laterals shall not be combined for billing purposes.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Non-Standard Meter Service

The utility shall assess a charge of $15.00 per quarter to a customer who is provided service under Schedule Mg-1 and who requests a non-standard meter. The utility may only charge a customer one NSM charge for customers with both water and electric services.

If a customer establishes service at a new location on which a standard meter is installed, and the customer requests non-standard meter service, the utility shall assess the customer a one-time charge, based on actual utility costs, for the installation of a non-standard meter.

If a customer requests initial service at a location where a non-standard meter is installed, the utility may not assess a charge for installing a standard meter. The utility may not charge an existing customer who chooses to convert from a non-standard meter to a standard meter.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Other Charges

Payment Not Honored by Financial Institution Charge: The utility shall assess a $29.00 charge when a payment rendered for utility service is not honored by the customer's financial institution. This charge may not be in addition to, but may be inclusive of, other such charges when the payment was for multiple services.

Billing: Same as Schedule Mg-1.

Public Service

Metered Service
Water used by the City of Pewaukee on an intermittent basis for flushing sewers, street washing, flooding skating rinks, drinking fountains, etc., shall be metered and billed according to the rates set forth in Schedule Mg-1.

Unmetered Service
Where it is impossible to meter the service, the utility shall estimate the volume of water used based on the pressure, size of opening, and the period of time the water is used. The estimated quantity shall be billed at the volumetric rates set forth in Schedule Mg-1, excluding any service charges.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

General Water Service - Unmetered

Service may be supplied temporarily on an unmetered basis where the utility cannot immediately install a water meter, including water used for construction. Unmetered service shall be billed the amount that would be charged to a metered residential customer using 15,000 gallons of water quarterly under Schedule Mg-1, including the service charge for a ⅝-inch meter. If the utility determines that actual usage exceeds 15,000 gallons of water quarterly, an additional charge for the estimated excess usage shall be made according to the rates under Schedule Mg-1.

This schedule applies only to customers with a 1-inch or smaller service connection. For customers with a larger service connection, the utility shall install a temporary meter and charges shall be based on the rates set forth under Schedule Mg-1.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Seasonal Service

Seasonal customers are general service customers who voluntarily request disconnection of water service and who resume service at the same location within 12 months of the disconnection, unless service has been provided to another customer at that location in the intervening period. The utility shall bill seasonal customers the applicable service charges under Schedule Mg-1 year-round, including the period of temporary disconnection.

Seasonal service shall include customers taking service under Schedule Mg-1, Schedule Ug-1, or Schedule Am-1.

Upon reconnection, the utility shall apply a charge under Schedule R-1 and require payment of any unpaid charges under this schedule.

Billing: Same as Schedule Mg-1, unless the utility and customer agree to an alternative payment schedule for the period of voluntary disconnection.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Bulk Water

All bulk water supplied from the water system through hydrants or other connections shall be metered or estimated by the utility. Utility personnel or a party approved by the utility shall supervise the delivery of water.

Bulk water sales are:

A. Water supplied by tank trucks or from hydrants for the purpose of extinguishing fires outside the utility's service area;

B. Water supplied by tank trucks or from hydrants for purposes other than extinguishing fires, such as water used for irrigation or filling swimming pools; or,

C. Water supplied from hydrants or other temporary connections for general service type applications, except that Schedule Ug-1 applies for water supplied for construction purposes.

A service charge of $30.00 and a charge for the volume of water used shall be billed to the party using the water. The volumetric charge shall be calculated using the highest volumetric rate for residential customers under Schedule Mg-1. In addition, for meters that are assigned to bulk water customers for more than 7 days, the applicable service charge in Schedule Mg-1 will apply after the first 7 days.

The water utility may require a reasonable deposit for the temporary use of its equipment under this and other rate schedules. The deposit(s) collected shall be refunded upon return of the utility's equipment. Damaged or lost equipment shall be repaired or replaced at the customer's expense.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Reconnection Charges

The utility shall assess a charge to reconnect a customer, which includes reinstalling a meter and turning on the valve at the curb stop, if necessary. A utility may not assess a charge for disconnecting a customer.

During normal business hours:	$30.00
After normal business hours:	$60.00

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Water Lateral Installation Charge

The utility shall charge a customer for the actual cost of installing a water service lateral from the main through curb stop and box if these costs are not contributed as part of a subdivision development or otherwise recovered under Wis. Stats. Chapter 66.

Billing: Same as Schedule Mg-1.

Water Utility Operating Rules

Compliance with Rules

All persons now receiving water service from this water utility, or who may request service in the future, shall be considered as having agreed to be bound by the rules and regulations as filed with the Public Service Commission of Wisconsin.

Establishment of Service

Application for water service may be made in writing on a form furnished by the water utility. The application will contain the legal description of the property to be served, the name of the owner, the exact use to be made of the service, and the size of the service lateral and meter desired. Note particularly any special refrigeration, fire protection, or water-consuming air-conditioning equipment.

Service will be furnished only if (1) the premises have a frontage on a properly platted street or public strip in which a cast iron or other long-life water main has been laid, or where the property owner has agreed to and complied with the provisions of the water utility's filed main extension rule, (2) the property owner has installed or agrees to install a service lateral from the curb stop to the point of use that is not less than 6 feet below the surface of an established or proposed grade and meets the water utility's specifications, and (3) the premises have adequate piping beyond the metering point.

The owner of a multi-unit dwelling has the option of being served by individual metered water service to each unit. The owner, by selecting this option, is required to provide interior plumbing and meter settings to enable individual metered service to each unit and individual disconnection without affecting service to other units. Each meter and meter connection will be treated as a separate water utility account for the purpose of the filed rules and regulations.

No division of the water service lateral to any lot or parcel of land shall be made for the extension and independent metering of the supply to an adjoining lot or parcel of land. Except for duplexes, no division of a water service lateral shall be made at the curb for separate supplies for two or more separate premises having frontage on any street or public service strip, whether owned by the same or different parties. Duplexes may be served by one lateral provided (1) individual metered service and disconnection is provided and (2) it is permitted by local ordinance.

Buildings used in the same business, located on the same parcel, and served by a single lateral may have the customer’s water supply piping installed to a central point so that volume can be metered in one place.

The water utility may withhold approval of any application where full information of the purpose of such supply is not clearly indicated and set forth by the applicant property owner.

Water Utility Operating Rules

Reconnection of Service

Where the water utility has disconnected service at the customer's request, a reconnection charge shall be made when the customer requests reconnection of service. See Schedule R-1 for the applicable rate.

A reconnection charge shall also be required from customers whose services are disconnected (shut off at curb stop box) because of nonpayment of bills when due. See Schedule R-1 for the applicable rate.

If reconnection is requested for the same location by any member of the same household, or, if a place of business, by any partner of the same business, it shall be considered as the same customer.

Temporary Metered Service, Meter, and Deposits

An applicant for temporary water service on a metered basis shall make and maintain a monetary deposit for each meter installed as security for payment for use of water and for such other charges which may arise from the use of the supply. A charge shall be made for setting the valve and furnishing and setting the meter. See Schedule BW-1 for the applicable rate.

Water for Construction

When water is requested for construction purposes or for filling tanks or other such uses, an application shall be made to the water utility, in writing, giving a statement of the amount of construction work to be done or the size of the tank to be filled, etc. Payment for the water for construction may be required in advance at the scheduled rates. The service lateral must be installed into the building before water can be used. No connection with the service lateral at the curb shall be made without special permission from the water utility. In no case will any employee of the water utility turn on water for construction work unless the contractor has obtained permission from the water utility.

Customers shall not allow contractors, masons, or other persons to take unmetered water from their premises without permission from the water utility. Any customer failing to comply with this provision may have water service discontinued and will be responsible for the cost of the estimated volume of water used.

Water Utility Operating Rules

Use of Hydrants

In cases where no other supply is available, permission may be granted by the water utility to use a hydrant. No hydrant shall be used until the proper meter and valve are installed. In no case shall any valve be installed or moved except by an employee of the water utility.

Before a valve is set, payment must be made for its setting and for the water to be used at the scheduled rates. Where applicable, see Schedule BW-1 for deposits and charges. Upon completing the use of the hydrant, the customer must notify the water utility to that effect.

Operation of Valves and Hydrants and Unauthorized Use of Water - Penalty

Any person who shall, without authority of the water utility, allow contractors, masons, or other unauthorized persons to take water from their premises, operate any valve connected with the street or supply mains, or open any fire hydrant connected with the distribution system, except for the purpose of extinguishing fire, or who shall wantonly damage or impair the same, shall be subject to a fine as provided by municipal ordinance. Utility permission for the use of hydrants applies only to such hydrants that are designated for the specific use.

Refunds of Monetary Deposits

All money deposited as security for payment of charges arising from the use of temporary water service on a metered basis, or for the return of a hydrant valve and fixtures if the water is used on an unmetered basis, will be refunded to the depositor on the termination of the use of water, the payment of all charges levied against the depositor, and the return of the water utility's equipment.

Service Laterals

No water service lateral shall be laid through any trench having cinders, rubbish, rock or gravel fill, or any other material which may cause injury to or disintegration of the service lateral, unless adequate means of protection are provided by sand filling or such other insulation as may be approved by the water utility. Service laterals passing through curb or retaining walls shall be adequately safeguarded by provision of a channel space or pipe casing not less than twice the diameter of the service connection. The space between the service lateral and the channel or pipe casing shall be filled and lightly caulked with an oakum, mastic cement, or other resilient material and made impervious to moisture.

In backfilling the pipe trench, the service lateral must be protected against injury by carefully hand tamping the ground filling around the pipe. There should be at least 6 inches of ground filling over the pipe, and it should be free from hard lumps, rocks, stones, or other injurious material.

Water Utility Operating Rules

Service Laterals (continued)

All water service laterals shall be of undiminished size from the street main into the point of meter placement. Beyond the meter outlet valve, the piping shall be sized and proportioned to provide, on all floors, at all times, an equitable distribution of the water supply for the greatest probable number of fixtures or appliances operating simultaneously.

Replacement and Repair of Service Laterals

The service lateral from the main to and through the curb stop will be maintained and kept in repair and, when worn out, replaced at the expense of the water utility. The property owner shall maintain the service lateral from the curb stop to the point of use.

If an owner fails to repair a leaking or broken service lateral from the curb to the point of metering or use within such time as may appear reasonable to the water utility after notification has been served on the owner by the water utility, the water will be shut off and will not be turned on again until the repairs have been completed.

Abandonment of Service

If a property owner changes the use of a property currently receiving water service such that water service will no longer be needed in the future, the water utility may require the abandonment of the water service at the water main. In such case, the property owner may be responsible for all removal and/or repair costs, including the water main and the utility portion of the water service lateral.

Charges for Water Wasted Due to Leaks

See Wis. Admin. Code § PSC 185.35 or Schedule X-4, if applicable.

Thawing Frozen Service Laterals

See Wis. Admin. Code § PSC 185.88 or Schedule X-4, if applicable.

Curb Stop Boxes

The curb stop box is the property of the water utility. The water utility is responsible for its repair and maintenance. This includes maintaining, through adjustment, the curb stop box at an appropriate grade level where no direct action by the property owner or occupant has contributed to an elevation problem. The property owner is responsible for protecting the curb stop box from situations that could obstruct access to it or unduly expose it to harm. The water utility shall not be liable for failure to locate the curb stop box and shut off the water in case of a leak on the owner's premises.

Water Utility Operating Rules

Installation of Meters

Meters will be owned, furnished, and installed by the water utility or a utility-approved contractor and are not to be disconnected or tampered with by the customer. All meters shall be so located that they shall be protected from obstructions and permit ready access for reading, inspection, and servicing, such location to be designated or approved by the water utility. All piping within the building must be supplied by the owner. Where additional meters are desired by the owner, the owner shall pay for all piping. Where applicable, see Schedule Am-1 for rates.

Repairs to Meters

Meters will be repaired by the water utility, and the cost of such repairs caused by ordinary wear and tear will be borne by the water utility.

Repair of any damage to a meter resulting from the carelessness of the owner of the premises, owner's agent, or tenant, or from the negligence of any one of them to properly secure and protect same, including any damage that may result from allowing a water meter to become frozen or to be damaged from the presence of hot water or steam in the meter, shall be paid for by the customer or the owner of the premises.

Service Piping for Meter Settings

Where the original service piping is installed for a new metered customer, where existing service piping is changed for the customer's convenience, or where a new meter is installed for an existing unmetered customer, the owner of the premises at his/her expense shall provide a suitable location and the proper connections for the meter. The meter setting and associated plumbing shall comply with the water utility's standards. The water utility should be consulted as to the type and size of the meter setting.

Turning on Water

The water may only be turned on for a customer by an authorized employee of the water utility. Plumbers may turn the water on to test their work, but upon completion must leave the water turned off.

Sprinkling Restrictions and Emergency Water Conditions

Where the municipality has a policy regarding sprinkling restrictions and/or emergency water conditions, failure to comply with such may result in disconnection of service.

See Wis. Admin. Code § PSC 185.37.

Water Utility Operating Rules

Failure to Read Meters

Where the water utility is unable to read a meter, the fact will be plainly indicated on the bill, and either an estimated bill will be computed or the minimum charge applied. The difference shall be adjusted when the meter is again read, that is, the bill for the succeeding billing period will be computed with the gallons or cubic feet in each block of the rate schedule doubled, and credit will be given on that bill for the amount of the bill paid the preceding period. Only in unusual cases shall more than three consecutive estimated or minimum bills be rendered.

If the meter is damaged (see Surreptitious Use of Water) or fails to operate, the bill will be based on the average use during the past year, unless there is some reason why the use is not normal. If the average use cannot be properly determined, the bill will be estimated by some equitable method.

See Wis. Admin. Code § PSC 185.33.

Complaint Meter Tests

See Wis. Admin. Code § PSC 185.77.

Inspection of Premises

During reasonable hours, any officer or authorized employee of the water utility shall have the right of access to the premises supplied with service for the purpose of inspection or for the enforcement of the water utility's rules and regulations. Whenever appropriate, the water utility will make a systematic inspection of all unmetered water taps for the purpose of checking waste and unnecessary use of water.

See Wis. Stat. § 196.171.

Vacation of Premises

When premises are to be vacated, the water utility shall be notified, in writing, at once, so that it may remove the meter and shut off the water supply at the curb stop. The owner of the premises shall be liable for prosecution for any damage to the water utility's property. See "Abandonment of Service" in Schedule X-1 for further information.

Deposits for Residential Service

See Wis. Admin. Code § PSC 185.36.

Water Utility Operating Rules

Deposits for Nonresidential Service

See Wis. Admin. Code § PSC 185.361.

Deferred Payment Agreement

See Wis. Admin. Code § PSC 185.38 or Schedule X-4, if applicable.

Dispute Procedures

See Wis. Admin. Code § PSC 185.39.

Disconnection and Refusal of Service

See Wis. Admin. Code § PSC 185.37.

The following is an example of a disconnection notice that the utility may use to provide the required notice to customers.

DISCONNECTION NOTICE

Dear Customer:

The bill enclosed with this notice includes your current charge for water utility service and your previous unpaid balance.

You have 10 days to pay the water utility service arrears or your service is subject to disconnection.

If you fail to pay the service arrears or fail to contact us within the 10 days allowed to make reasonable deferred payment arrangement or other suitable arrangement, we will proceed with disconnection action.

To avoid the inconvenience of service interruption and an additional charge of (amount) for reconnection, we urge you to pay the full arrears IMMEDIATELY AT ONE OF OUR OFFICES.

If you have entered into a Deferred Payment Agreement with us and have failed to make the deferred payments you agreed to, your service will be subject to disconnection unless you pay the entire amount due within 10 days.

If you have a reason for delaying the payment, call us and explain the situation.

Water Utility Operating Rules

Disconnection and Refusal of Service (continued)

DISCONNECTION NOTICE (continued)

PLEASE CALL THIS TELEPHONE NUMBER, (telephone number), IMMEDIATELY IF:

1. You dispute the notice of delinquent account.
2. You have a question about your water utility service arrears.
3. You are unable to pay the full amount of the bill and are willing to enter into a deferred payment agreement with us.
4. There are any circumstances you think should be taken into consideration before service is discontinued.
5. Any resident is seriously ill.

Illness Provision: If there is an existing medical emergency in your home and you furnish the water utility with a statement signed by either a licensed Wisconsin physician or a public health official, we will delay disconnection of service up to 21 days. The statement must identify the medical emergency and specify the period of time during which disconnection will aggravate the existing emergency.

Deferred Payment Agreements: If you are a residential customer and you are unable to pay the full amount of the water utility service arrears on your bill, you may contact the water utility to discuss arrangements to pay the arrears over an extended period of time.

This time payment agreement will require:

1. Payment of a reasonable amount at the time the agreement is made.
2. Payment of the remainder of the outstanding balance in monthly installments over a reasonable length of time.
3. Payment of all future water utility service bills in full by the due date.

In any situation where you are unable to resolve billing disputes or disputes about the grounds for proposed disconnection through contacts with our water utility, you may make an appeal to the Public Service Commission of Wisconsin by calling (800) 225-7729.

(WATER UTILITY NAME)

Water Utility Operating Rules

Collection of Overdue Bills

An amount owed by the customer may be levied as a tax as provided in Wis. Stat. § 66.0809.

Surreptitious Use of Water

When the water utility has reasonable evidence that a person is obtaining water, in whole or in part, by means of devices or methods used to stop or interfere with the proper metering of the water utility service being delivered, the water utility reserves the right to estimate and present immediately a bill for unmetered service as a result of such interference, and such bill shall be payable subject to a 24-hour disconnection of service. If the water utility disconnects the service for any such reason, the water utility will reconnect the service upon the following conditions:

A. The customer will be required to deposit with the water utility an amount sufficient to guarantee the payment of the bills for water utility service.

B. The customer will be required to pay the water utility for any and all damages to water utility equipment resulting from such interference with the metering.

C. The customer must further agree to comply with reasonable requirements to protect the water utility against further losses.

See Wis. Stat. §§ 98.26 and 943.20.

Repairs to Mains

The water utility reserves the right to shut off the water supply in the mains temporarily to make repairs, alterations, or additions to the plant or system. When the circumstances will permit, the water utility will give notification, by newspaper publication or otherwise, of the discontinuance of the water supply. No credit will be allowed to customers for such temporary suspension of the water supply.

See Wis. Admin. Code § PSC 185.87.

Duty of Water Utility with Respect to Safety of the Public

It shall be the duty of the water utility to see that all open ditches for water mains, hydrants, and service laterals are properly guarded to prevent accident to any person or vehicle, and at night there shall be displayed proper signal lighting to ensure the safety of the public.

Water Utility Operating Rules

Handling Water Mains and Service Laterals in Excavation Trenches

Contractors must call Digger's Hotline and ensure a location is done to establish the existence and location of all water mains and service laterals as provided in Wis. Stat. § 182.0175. Where water mains or service laterals have been removed, cut, or damaged during trench excavation, the contractors must, at their own expense, cause them to be replaced or repaired at once. Contractors must not shut off the water service laterals to any customer for a period exceeding 6 hours.

Protective Devices

A. Protective Devices in General: The owner or occupant of every premise receiving water supply shall apply and maintain suitable means of protection of the premise supply and all appliances against damage arising in any manner from the use of the water supply, variation of water pressure, or any interruption of water supply. Particularly, such owner or occupant must protect water-cooled compressors for refrigeration systems by means of high and/or low pressure safety cutout devices. There shall likewise be provided means for the prevention of the transmission of water ram or noise of operation of any valve or appliance through the piping of their own or adjacent premises.

B. Relief Valves: On all "closed systems" (i.e., systems having a check valve, pressure regulator, reducing valve, water filter, or softener), an effective pressure relief valve shall be installed at or near the top of the hot water tank or at the hot water distribution pipe connection to the tank. No stop valve shall be placed between the hot water tank and the relief valve or on the drain pipe. See applicable plumbing codes.

C. Air Chambers: An air chamber or approved shock absorber shall be installed at the terminus of each riser, fixture branch, or hydraulic elevator main for the prevention of undue water hammer. The air chamber shall be sized in conformance with local plumbing codes. Where possible, the air chamber should be provided at its base with a valve for water drainage and replenishment of air.

Cross-Connections

Every person owning or occupying a premise receiving municipal water supply shall maintain such municipal water supply free from any connection, either of a direct or of an indirect nature, with a water supply from a foreign source or of any manner of connection with any fixture or appliance whereby water from a foreign supply or the waste from any fixture, appliance, or waste or soil pipe may flow or be siphoned or pumped into the piping of the municipal water system.

See Wis. Admin. Code § NR 811.06.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Water Main Extension Rule

Water mains will be extended for new customers on the following basis:

A. Where the cost of the extension is to immediately be collected through assessment by the municipality against the abutting property, the procedure set forth under Wis. Stat. § 66.0703 will apply, and no additional customer contribution to the utility will be required.

B. Where the municipality is unwilling or unable to make a special assessment, the extension will be made on a customer-financed basis as follows:

1. The applicant(s) will advance as a contribution in aid of construction the total amount equivalent to that which would have been assessed for all property under paragraph A.

2. Part of the contribution required in paragraph B.1. will be refundable. When additional customers are connected to the extended main within 10 years of the date of completion, contributions in aid of construction will be collected equal to the amount which would have been assessed under paragraph A. for the abutting property being served. This amount will be refunded to the original contributor(s). In no case will the contributions received from additional customers exceed the proportionate amount which would have been required under paragraph A., nor will it exceed the total assessable cost of the original extension.

C. When a customer connects to a transmission main or connecting loop installed at utility expense within 10 years of the date of completion, there will be a contribution required of an amount equivalent to that which would have been assessed under paragraph A.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Water Main Installations in Platted Subdivisions

Application for installation of water mains in regularly platted real estate development subdivisions shall be filed with the utility.

If the developer, or a contractor employed by the developer, is to install the water mains (with the approval of the utility), the developer shall be responsible for the total cost of construction.

If the utility or its contractor is to install the water mains, the developer shall be required to advance to the utility, prior to the beginning of the construction, the total estimated cost of the extension. If the final costs exceed estimated costs, an additional billing will be made for the balance of the cost due. This balance is to be paid within 30 days. If final costs are less than estimated, a refund of the overpayment will be made by the water utility.

City of Pewaukee Water Utility - Step I

Customer Water Bill Comparison at Present and Proposed Step I Rates

			Quarterly		
Customer Type	**Meter Size**	**Volume (1000 Gallons)**	**Bills at Current Rates**	**Bills at Step I Rates**	**Percent Change**
Small Residential	3/4"	8	$ 54.16	$ 68.00	25.55%
Average Residential	3/4"	15	$ 79.50	$ 101.25	27.36%
Large Residential	3/4"	30	$ 133.80	$ 172.50	28.92%
Large Residential	3/4"	60	$ 242.40	$ 315.00	29.95%
Large Residential	3/4"	120	$ 459.60	$ 600.00	30.55%
Multifamily Residential	2"	330	$ 1,278.60	$ 1,663.50	30.10%
Multifamily Residential	2"	530	$ 2,002.60	$ 2,613.50	30.51%
Multifamily Residential	2"	730	$ 2,726.60	$ 3,563.50	30.69%
Multifamily Residential	2"	930	$ 3,450.60	$ 4,513.50	30.80%
Commercial	3"	2,500	$ 9,197.00	$ 12,028.00	30.78%
Commercial	3"	3,000	$ 11,007.00	$ 14,403.00	30.85%
Commercial	4"	2,100	$ 7,818.00	$ 10,203.00	30.51%
Commercial	4"	3,300	$ 12,162.00	$ 15,903.00	30.76%
Industrial	2"	1,000	$ 3,704.00	$ 4,846.00	30.83%
Industrial	2"	1,400	$ 5,152.00	$ 6,746.00	30.94%
Industrial	3"	1,200	$ 4,491.00	$ 5,853.00	30.33%
Industrial	3"	3,295	$ 12,074.90	$ 15,804.25	30.89%
Public Authority	1 1/2"	140	$ 566.80	$ 734.00	29.50%
Public Authority	1 1/2"	210	$ 820.20	$ 1,066.50	30.03%
Public Authority	1 1/2"	280	$ 1,073.60	$ 1,399.00	30.31%
Public Authority	3"	870	$ 3,296.40	$ 4,285.50	30.01%

Ex.-PSC-COSS and Rate Design

City of Pewaukee Water Utility - Step II

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COMPARATIVE INCOME STATEMENT

ACCT NO.	OPERATING REVENUES	2019	2020	2021	2022	TEST YEAR 2023
460	Unmetered Sales to General Customers					
	Residential	$ 123,060	$ 1,058	$ 1,764	$ 1,411	$ 1,588
	Multi-Family Residential	0	0	0	0	0
	Commercial	59,231	0	60	0	0
	Industrial	0	0	60	0	0
	Public Authority	0	0	0	0	0
	Irrigation	0	0	0	0	0
461	Metered Sales to General Customers					
	Residential	776,215	1,039,272	1,188,039	1,153,765	1,159,680
	Multi-Family Residential	163,974	179,663	205,120	214,158	209,940
	Commercial	352,507	396,688	460,817	432,538	451,088
	Industrial	87,436	85,532	121,618	203,100	116,575
	Public Authority	3,755	5,080	10,366	11,173	9,446
	Irrigation	0	0	0	0	0
	TOTAL GENERAL SALES	$ 1,566,178	$ 1,707,293	$ 1,987,844	$ 2,016,145	$ 1,948,317
462	Private fire protection service	74,871	75,229	75,739	77,593	79,446
463	Public fire protection service	442,024	471,542	559,053	701,409	728,300
465	Other water sales	0	0	0	0	0
466	Sales for resale	0	0	0	0	0
467	Interdepartmental sales	0	0	0	0	0
470	Forfeited discounts	7,797	4,056	9,465	8,000	8,500
472	Rents from water property	0	0	0	0	0
473	Interdepartmental rents	0	0	0	0	0
474	Other water revenues	13,790	21,762	22,806	14,000	14,000
	TOTAL OPERATING REVENUES	$ 2,104,660	$ 2,279,882	$ 2,654,907	$ 2,817,147	$ 2,778,563
	OPERATING EXPENSES					
	SOURCE OF SUPPLY					
600	Operation labor	$ 18,067	$ 19,201	$ 20,760	$ 23,500	$ 23,700
601	Purchased water	0	0	0	300	300
602	Operation supplies and expenses	12,465	29,765	21,212	30,850	20,500
605	Maintenance of water source plant	136,966	1,744	40,019	75,000	63,700
	PUMPING EXPENSES					
620	Operation labor	52,639	42,268	47,954	51,700	63,957
621	Fuel for power production	0	0	0	0	0
622	Fuel or power purchased for pumping	226,160	235,433	236,574	248,000	260,000
623	Operation supplies and expenses	16,197	11,162	9,776	16,750	14,900
625	Maintenance of pumping plant	9,275	43,604	13,262	85,000	25,000

COMPARATIVE INCOME STATEMENT
(continued)

ACCT NO.	OPERATING EXPENSES	2019	2020	2021	2022	TEST YEAR 2023
	WATER TREATMENT EXPENSES					
630	Operation labor	$ 16,318	$ 12,909	$ 9,712	$ 15,780	$ 12,953
631	Chemicals	119,700	129,541	127,668	136,000	144,000
632	Operation supplies and expenses	11,706	11,083	9,572	16,000	82,000
635	Maintenance of water treatment plant	12,427	14,983	24,013	$ 16,500	26,300
	TRANSMISSION & DISTRIBUTION EXPENSES					
640	Operation labor	24,054	21,181	19,720	26,000	26,301
641	Operation supplies and expenses	13,913	14,393	14,668	19,300	20,900
650	Maintenance of distr. reservoirs	12,124	11,504	6,874	40,000	95,200
651	Maintenance of mains	24,192	68,882	52,527	80,000	45,600
652	Maintenance of services	16,521	41,913	20,422	35,000	40,000
653	Maintenance of meters	16,253	13,497	21,642	20,000	17,800
654	Maintenance of hydrants	29,111	44,179	32,589	85,000	44,000
655	Maintenance of other plant	6,190	1,843	0	2,500	3,000
	CUSTOMER ACCOUNTS EXPENSES					
901	Meter reading labor	4,743	4,622	4,289	4,000	4,250
902	Accounting and collecting labor	1,016	17,845	0	5,650	5,722
903	Supplies and expenses	19,467	30,526	28,374	20,000	20,000
904	Uncollectible accounts	0	0	0	25	100
906	Customer service and informational expense	2,055	0	0	1,000	0
	SALES EXPENSES					
910	Sales Expenses	0	0	0	0	0
	ADMINISTRATIVE & GENERAL EXPENSES					
920	Administrative and general salaries	104,246	107,099	122,401	118,443	198,539
921	Office supplies and expenses	5,014	7,269	7,139	18,075	15,600
922	Administrative expenses transferred -- credit	0	0	0	0	0
923	Outside services employed	61,080	74,930	111,772	84,250	84,250
924	Property insurance	16,447	16,598	17,417	22,960	25,639
925	Injuries and damages	0	0	0	0	0
926	Employee pensions and benefits	156,300	138,939	126,160	219,732	200,000
928	Regulatory commission expenses	39,229	17,631	992	25,000	35,000
930	Miscellaneous general expenses	20,572	22,540	22,468	24,900	24,871
933	Transportation expenses	14,546	12,468	16,920	14,365	21,000
935	Maintenance of general plant	30,700	37,226	34,023	35,600	38,500
	TOTAL OPER. & MAINT. EXPENSES	$ 1,249,693	$ 1,256,778	$ 1,220,919	$ 1,617,180	$ 1,703,582
403	**DEPRECIATION EXPENSE**	343,335	505,500	464,335	440,015	410,042
404-407	**AMORTIZATION EXPENSE**	138,880	78,112	78,112	0	0
408	**TAXES AND TAX EQUIVALENT**	609,974	598,062	580,459	586,671	640,862
	TOTAL OPERATING EXPENSES	$ 2,341,882	$ 2,438,452	$ 2,343,825	$ 2,643,866	$ 2,754,486
	NET OPERATING INCOME	**$ (237,222)**	**$ (158,570)**	**$ 311,082**	**$ 173,281**	**$ 24,077**

NET INVESTMENT RATE BASE

UTILITY FINANCED PLANT IN SERVICE	$	17,084,860
Less: ACCUMULATED PROVISION FOR DEPRECIATION		4,295,103
NET PLANT IN SERVICE	$	12,789,757
Plus: MATERIALS AND SUPPLIES		9,824
Less: REGULATORY LIABILITY		68,565
NET INVESTMENT RATE BASE	$	12,731,016
RATE OF RETURN ON RATE BASE		6.40%

ESTIMATED INCOME STATEMENT FOR THE 2023 TEST YEAR AND REVENUE REQUIREMENT TO YIELD A 6.40% RETURN ON NET INVESTMENT RATE BASE

		Present Rates		Increase		After Rate Increase
TOTAL OPERATING REVENUES	$	2,778,563	$	790,708	$	3,569,271
OPERATING EXPENSES:						
OPERATION & MAINTENANCE EXPENSES	$	1,703,582			$	1,703,582
DEPRECIATION EXPENSE		410,042				410,042
AMORTIZATION EXPENSE		0				0
TAXES AND TAX EQUIVALENT		640,862				640,862
TOTAL OPERATING EXPENSES	$	2,754,486			$	2,754,486
NET OPERATING INCOME (LOSS)	$	24,077			$	814,785
RATE OF RETURN ON RATE BASE		0.19%				6.40%

UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2023

ACCT NO.	ACCOUNT DESCRIPTION	Balance 12/31/2022 ($)	Major Additions Less Retirements ($)	Normal Additions ($)	Retirements ($)	Balance 12/31/2023 ($)	Test Year Rate Base Balance ($)	Depreciation Rate (%)	Depreciation Expense ($)
	INTANGIBLE PLANT								
301	Organization	0	0	0	0	0	0	N/A	0
302	Franchises and Consents	0	0	0	0	0	0	N/A	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	N/A	0
	SOURCE OF SUPPLY								
310	Land and Land Rights	0	0	0	0	0	0	N/A	0
311	Structures and Improvements	0	0	0	0	0	0	0.00%	0
312	Collecting and Impounding Reservoirs	0	0	0	0	0	0	0.00%	0
313	Lake, River, and Other Intakes	0	0	0	0	0	0	0.00%	0
314	Wells and Springs	339,776	(114,698)	0	0	225,078	225,078	2.90%	6,528
316	Supply Mains	176,607	0	0	0	176,607	176,607	1.80%	3,179
317	Other Water Source Plant	0	0	0	0	0	0	0.00%	0
	PUMPING PLANT								
320	Land and Land Rights	211,052	(37,956)	0	0	173,096	173,096	N/A	0
321	Structures and Improvements	2,177,871	0	18,000	0	2,195,871	2,186,871	3.20%	69,980
323	Other Power Production Equipment	0	0	0	0	0	0	0.00%	0
325	Electric Pumping Equipment	1,503,571	(87,000)	420,662	6,000	1,831,233	1,623,902	4.40%	71,452
326	Diesel Pumping Equipment	0	0	0	0	0	0	0.00%	0
328	Other Pumping Equipment	149,569	0	0	0	149,569	149,569	Fully Depr.	0
	WATER TREATMENT PLANT								
330	Land and Land Rights	0	0	0	0	0	0	N/A	0
331	Structures and Improvements	0	0	0	0	0	0	0.00%	0
332	Sand or Other Media Filtration Equipment	0	0	0	0	0	0	0.00%	0
333	Membrane Filtration Equipment	0	0	0	0	0	0	0.00%	0
334	Other Water Treatment Equipment	783,909	0	28,000	0	811,909	797,909	6.00%	47,875

UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2023
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	Balance 12/31/2022 ($)	Major Additions ($)	Normal Additions ($)	Retirements ($)	Balance 12/31/2023 ($)	TEST YEAR RATE BASE BALANCE ($)	DEPRECIATION RATE (%)	DEPRECIATION EXPENSE ($)
	TRANSMISSION & DISTRIBUTION PLANT								
340	Land and Land Rights	0	0	0	0	0	0	N/A	0
341	Structures and Improvements	0	0	0	0	0	0	0.00%	0
342	Distribution Reservoirs and Standpipes	1,760,075	0	0	0	1,760,075	1,760,075	1.90%	33,441
343	Transmission and Distribution Mains	2,206,932	4,125,182	557,623	12,800	6,876,937	6,604,526	1.30%	85,858
345	Services	706,630	0	193,354	0	899,984	803,307	2.90%	23,296
346	Meters	728,208	0	78,000	0	806,208	767,208	5.50%	42,196
348	Hydrants	557,022	128,000	165,378	4,500	845,900	765,461	2.20%	16,840
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0.00%	0
	GENERAL PLANT								
389	Land and Land Rights	0	0	0	0	0	0	N/A	0
390	Structures and Improvements	0	0	0	0	0	0	0.00%	0
391	Office Furniture and Equipment	59,947	0	0	0	59,947	59,947	Fully Depr.	0
391	Computer Equipment	165,310	0	0	0	165,310	165,310	Fully Depr.	0
392	Transportation Equipment	334,234	0	102,000	0	436,234	385,234	Fully Depr.	0
393	Stores Equipment	0	0	0	0	0	0	0.00%	0
394	Tools, Shop and Garage Equipment	0	0	0	0	0	0	0.00%	0
395	Laboratory Equipment	0	0	0	0	0	0	0.00%	0
396	Power Operated Equipment	175	0	0	0	175	175	7.50%	13
397	Communication Equipment	0	0	0	0	0	0	0.00%	0
397	SCADA Equipment	260,911	0	35,750	0	296,661	278,786	Fully Depr.	0
398	Miscellaneous Equipment	161,799	0	0	0	161,799	161,799	5.80%	9,384
	TOTAL UTILITY FINANCED PLANT IN SERVICE	**12,283,598**	**4,013,528**	**1,598,767**	**23,300**	**17,872,593**	**17,084,860**		**410,042**

City of Pewaukee Water Utility - Step II

SYSTEM DEMAND RATIOS

MAXIMUM DAY SYSTEM DEMAND

TOTAL ANNUAL PUMPAGE	455,154,061	Gallons
AVERAGE DAILY PUMPAGE	1,246,997	Gallons
MAXIMUM DAY PUMPAGE	2,618,695	Gallons
FIRE FLOW:		
GAL/MIN	4,000	
DURATION (HOURS)	4.00	
TOTAL FLOW	960,000	Gallons
AVERAGE DAY PLUS FIRE FLOW	2,206,997	Gallons

RATIO: BASE = $\frac{1,246,997}{2,618,695}$ = 47.62%

MAX DAY = 100-BASE = 52.38%

MAXIMUM HOUR SYSTEM DEMAND

AVERAGE HOUR ON MAX DAY	109,112	Gallons
MAXIMUM HOUR PUMPAGE	155,875	Gallons
AVERAGE HOUR PLUS ONE HOUR FIRE FLOW	291,958	Gallons

RATIO: BASE = $\frac{1,246,997}{7,006,997}$ = 17.80% Use 17.80%

MAX HOUR = 100-BASE = 82.20% Use 82.20%

ALLOCATION OF UTILITY FINANCED PLANT
TO SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	INTANGIBLE PLANT												
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
	SOURCE OF SUPPLY												
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
312	Collecting and Impounding Reservoirs	0	0		0								
313	Lake, River, and Other Intakes	0	0		0								
314	Wells and Springs	225,078	107,180		117,898								
316	Supply Mains	176,607	84,099		92,508								
317	Other Water Source Plant	0	0		0								
	PUMPING PLANT												
320	Land and Land Rights	173,096	82,427		90,669								
321	Structures and Improvements	2,186,871	1,041,367		1,145,504								
323	Other Power Production Equipment	0	0		0								
325	Electric Pumping Equipment	1,623,902	773,287		850,615								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	149,569	71,223		78,346								
	WATER TREATMENT PLANT												
330	Land and Land Rights	0	0		0								
331	Structures and Improvements	0	0		0								
332	Sand or Other Media Filtration Equipment	0	0		0								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	797,909	379,957		417,952								

ALLOCATION OF UTILITY FINANCED PLANT
TO SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	TRANSMISSION & DISTRIBUTION PLANT												
340	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
341	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution Reservoirs and Standpipes	1,760,075	313,231						1,446,844				
343	Transmission mains	6,604,526	3,145,012		3,459,514								
343	Distribution mains	0		0				0					
345	Services	803,307										803,307	
346	Meters	767,208									767,208		
348	Hydrants	765,461											765,461
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0	0	0	0	0	0
	GENERAL PLANT												
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
391	Office Furniture and Equipment	59,947	22,425	0	23,379	0	0	0	5,410	0	2,868	3,003	2,862
391	Computer Equipment	165,310	61,838	0	64,470	0	0	0	14,917	0	7,910	8,282	7,892
392	Transportation Equipment	385,234	144,107	0	150,239	0	0	0	34,763	0	18,433	19,301	18,391
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	0	0	0	0	0	0	0	0	0	0	0	0
395	Laboratory Equipment	0	0	0	0	0	0	0	0	0	0	0	0
396	Power Operated Equipment	175	65	0	68	0	0	0	16	0	8	9	8
397	Communication Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	SCADA Equipment	278,786	104,287	0	108,725	0	0	0	25,157	0	13,340	13,968	13,310
398	Miscellaneous Equipment	161,799	60,525	0	63,101	0	0	0	14,600	0	7,742	8,106	7,724
	TOTAL	**17,084,860**	**6,391,030**	**0**	**6,662,988**	**0**	**0**	**0**	**1,541,707**	**0**	**817,510**	**855,976**	**815,649**

ALLOCATION OF TOTAL PLANT
TO SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	EXTRA-CAPACITY						CUSTOMER COSTS			
			BASE COSTS		MAX DAY		MAX HOUR					
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	INTANGIBLE PLANT												
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
	SOURCE OF SUPPLY												
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
312	Collecting and Impounding Reservoirs	0	0		0								
313	Lake, River, and Other Intakes	0	0		0								
314	Wells and Springs	2,045,895	974,236		1,071,659								
316	Supply Mains	217,091	103,377		113,714								
317	Other Water Source Plant	0	0		0								
	PUMPING PLANT												
320	Land and Land Rights	370,387	176,375		194,012								
321	Structures and Improvements	6,634,719	3,159,390		3,475,329								
323	Other Power Production Equipment	0	0		0								
325	Electric Pumping Equipment	2,212,017	1,053,341		1,158,676								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	201,872	96,130		105,742								
	WATER TREATMENT PLANT												
330	Land and Land Rights	0	0		0								
331	Structures and Improvements	0	0		0								
332	Sand or Other Media Filtration Equipment	0	0		0								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	887,443	422,592		464,851								

ALLOCATION OF TOTAL PLANT
TO SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	TRANSMISSION & DISTRIBUTION PLANT												
340	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
341	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution Reservoirs and Standpipes	4,242,092	754,942						3,487,150				
343	Transmission mains	18,230,366	8,681,127		9,549,239								
343	Distribution mains	14,875,508		2,647,314				12,228,194					
345	Services	5,196,488										5,196,488	
346	Meters	767,208									767,208		
348	Hydrants	3,969,899											3,969,899
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0	0	0	0	0	0
	GENERAL PLANT												
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
391	Office Furniture and Equipment	59,947	15,446	2,652	16,159	0	0	12,248	3,493	0	768	5,205	3,976
391	Computer Equipment	165,310	42,595	7,312	44,560	0	0	33,775	9,632	0	2,119	14,353	10,965
392	Transportation Equipment	385,234	99,261	17,040	103,842	0	0	78,707	22,445	0	4,938	33,447	25,552
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	0	0	0	0	0	0	0	0	0	0	0	0
395	Laboratory Equipment	0	0	0	0	0	0	0	0	0	0	0	0
396	Power Operated Equipment	175	45	8	47	0	0	36	10	0	2	15	12
397	Communication Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	SCADA Equipment	278,786	71,833	12,331	75,149	0	0	56,959	16,243	0	3,574	24,205	18,492
398	Miscellaneous Equipment	172,429	44,429	7,627	46,479	0	0	35,229	10,046	0	2,210	14,971	11,437
	TOTAL	**60,912,866**	**15,695,119**	**2,694,282**	**16,419,460**	**0**	**0**	**12,445,148**	**3,549,019**	**0**	**780,820**	**5,288,685**	**4,040,333**

ALLOCATION OF DEPRECIATION EXPENSE
TO SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	INTANGIBLE PLANT												
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
	SOURCE OF SUPPLY												
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
312	Collecting and Impounding Reservoirs	0	0		0								
313	Lake, River, and Other Intakes	0	0		0								
314	Wells and Springs	6,528	3,109		3,419								
316	Supply Mains	3,179	1,514		1,665								
317	Other Water Source Plant	0	0		0								
	PUMPING PLANT												
320	Land and Land Rights	0	0		0								
321	Structures and Improvements	69,980	33,324		36,656								
323	Other Power Production Equipment	0	0		0								
325	Electric Pumping Equipment	71,452	34,025		37,427								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	0	0		0								
	WATER TREATMENT PLANT												
330	Land and Land Rights	0	0		0								
331	Structures and Improvements	0	0		0								
332	Sand or Other Media Filtration Equipment	0	0		0								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	47,875	22,798		25,077								

ALLOCATION OF DEPRECIATION EXPENSE
TO SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	TRANSMISSION & DISTRIBUTION PLANT												
340	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
341	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution Reservoirs and Standpipes	33,441	5,951						27,490				
343	Transmission mains	85,858	40,885		44,973								
343	Distribution mains	0		0				0					
345	Services	23,296										23,296	
346	Meters	42,196									42,196		
348	Hydrants	16,840											16,840
349	Other Transmission and Distribution Plant	0	0	0	0	0	0	0	0	0	0	0	0
	GENERAL PLANT												
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
391	Office Furniture and Equipment	0	0	0	0	0	0	0	0	0	0	0	0
391	Computer Equipment	0	0	0	0	0	0	0	0	0	0	0	0
392	Transportation Equipment	0	0	0	0	0	0	0	0	0	0	0	0
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	0	0	0	0	0	0	0	0	0	0	0	0
395	Laboratory Equipment	0	0	0	0	0	0	0	0	0	0	0	0
396	Power Operated Equipment	13	5	0	5	0	0	0	1	0	1	1	1
397	Communication Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	SCADA Equipment	0	0	0	0	0	0	0	0	0	0	0	0
398	Miscellaneous Equipment	9,384	3,317	0	3,495	0	0	0	644	0	988	546	394
	TOTAL	**410,042**	**144,926**	**0**	**152,719**	**0**	**0**	**0**	**28,134**	**0**	**43,186**	**23,842**	**17,235**

ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	EXTRA-CAPACITY							CUSTOMER COSTS			
			BASE COSTS		MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	SOURCE OF SUPPLY												
600	Operation labor	23,700	11,286		12,414								
601	Purchased water	300	300										0
602	Operation supplies and expenses	20,500	9,762		10,738								
605	Maintenance of water source plant	63,700	30,333		33,367								
	PUMPING EXPENSES												
620	Operation labor	63,957	30,456		33,501								
621	Fuel for power production	0	0										
622	Fuel or power purchased for pumping	260,000	260,000										
623	Operation supplies and expenses	14,900	7,095		7,805								
625	Maintenance of pumping plant	25,000	11,905		13,095								
	WATER TREATMENT EXPENSES												
630	Operation labor	12,953	6,168		6,785								
631	Chemicals	144,000	144,000										
632	Operation supplies and expenses	82,000	39,048		42,952								
635	Maintenance of water treatment plant	26,300	12,524		13,776								
	TRANSMISSION & DISTRIBUTION EXPENSES												
640	Operation labor	26,301	2,869	494	1,136	0	0	2,282	8,484	0	1,930	4,337	4,770
641	Operation supplies and expenses	20,900	2,280	393	902	0	0	1,813	6,742	0	1,533	3,446	3,791
650	Maintenance of distr. reservoirs	95,200	16,942						78,258				
651	Maintenance of transmission mains	19,999	9,523		10,476								
651	Maintenance of distribution mains	25,601		4,556				21,045					
652	Maintenance of services	40,000										40,000	
653	Maintenance of meters	17,800									17,800		
654	Maintenance of hydrants	44,000											44,000
655	Maintenance of other plant	3,000	327	56	130	0	0	260	968	0	220	495	544

ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO SERVICE COST FUNCTIONS
(continued)

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL ($)	BASE COSTS		EXTRA-CAPACITY					CUSTOMER COSTS			
					MAX DAY		MAX HOUR						
			System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
	CUSTOMER ACCOUNTS EXPENSES												
901	Meter reading labor	4,250								4,250			
902	Accounting and collecting labor	5,722								5,722			
903	Supplies and expenses	20,000								20,000			
904	Uncollectible accounts	100								100			
906	Customer service and informational expense	0								0			
	SALES EXPENSES												
910	Sales Expenses	0								0			
	ADMINISTRATIVE & GENERAL EXPENSES												
920	Administrative and general salaries	198,539	59,302	1,712	58,231	0	0	7,906	29,400	3,744	6,687	15,027	16,530
921	Office supplies and expenses	15,600	4,660	134	4,575	0	0	621	2,310	294	525	1,181	1,299
922	Administrative expenses transferred -- credit	0	0	0	0	0	0	0	0	0	0	0	0
923	Outside services employed	84,250	25,165	726	24,710	0	0	3,355	12,476	1,589	2,838	6,377	7,014
924	Property insurance	25,639	6,606	1,134	6,911	0	0	5,238	1,494	0	329	2,226	1,701
925	Injuries and damages	0	0	0	0	0	0	0	0	0	0	0	0
926	Employee pensions and benefits	200,000	59,739	1,724	58,660	0	0	7,964	29,616	3,772	6,736	15,138	16,651
928	Regulatory commission expenses	35,000	10,454	302	10,265	0	0	1,394	5,183	660	1,179	2,649	2,914
930	Miscellaneous general expenses	24,871	7,429	214	7,295	0	0	990	3,683	469	838	1,882	2,071
933	Transportation expenses	21,000	6,273	181	6,159	0	0	836	3,110	396	707	1,589	1,748
935	Maintenance of general plant	38,500	11,500	332	11,292	0	0	1,533	5,701	726	1,297	2,914	3,205
	TOTAL OPERATION & MAINTENANCE EXPENSES	**1,703,582**	**785,945**	**11,959**	**375,176**	**0**	**0**	**55,238**	**187,424**	**41,722**	**42,619**	**97,261**	**106,239**

SUMMARY OF ALLOCATION OF OPERATING COSTS TO SERVICE COST FUNCTIONS

				EXTRA-CAPACITY					CUSTOMER COSTS			
		BASE COSTS		MAX DAY		MAX HOUR						
OPERATING COST	TOTAL ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	System ($)	Distribution ($)	Storage ($)	Billing ($)	Equivalent Meter ($)	Equivalent Service ($)	Fire Protection ($)
OPERATION AND MAINTENANCE	1,703,582	785,945	11,959	375,176	0	0	55,238	187,424	41,722	42,619	97,261	106,239
DEPRECIATION EXPENSE	410,042	144,926	0	152,719	0	0	0	28,134	0	43,186	23,842	17,235
AMORTIZATION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0
TAXES AND TAX EQUIVALENT	640,862	165,128	28,346	172,749	0	0	130,935	37,339	0	8,215	55,642	42,508
RETURN ON NET INVESTMENT RATE BASE	814,785	304,791	0	317,761	0	0	0	73,525	0	38,987	40,822	38,899
TOTAL	**3,569,271**	**1,400,790**	**40,305**	**1,018,405**	**0**	**0**	**186,173**	**326,422**	**41,722**	**133,007**	**217,567**	**204,880**

CUSTOMER CLASS DEMAND RATIOS

CUSTOMER CLASS	Annual Volume 1,000 Mgal	BASE COSTS: Average Day Volume Gal	BASE COSTS: Percent (%)	BASE COSTS: System Adjusted Percent (%)	BASE COSTS: Distribution Adjusted Percent (%)	Extra Capacity Ratio	EXTRA-CAPACITY MAX DAY DEMAND: Volume Rate Gal Per Day	EXTRA-CAPACITY MAX DAY DEMAND: Percent (%)	EXTRA-CAPACITY MAX DAY DEMAND: System Adjusted Percent (%)	EXTRA-CAPACITY MAX DAY DEMAND: Distribution Adjusted Percent (%)	Extra Capacity Ratio	EXTRA-CAPACITY MAX HOUR DEMAND: Volume Rate Gal Per Hour	EXTRA-CAPACITY MAX HOUR DEMAND: Percent (%)	EXTRA-CAPACITY MAX HOUR DEMAND: System Adjusted Percent (%)	EXTRA-CAPACITY MAX HOUR DEMAND: Distribution Adjusted Percent (%)	EXTRA-CAPACITY MAX HOUR DEMAND: Storage Adjusted Percent (%)
Residential	216,877	594,182	52.89%	52.89%	52.89%	2.44	1,449,805	42.67%	42.67%	42.67%	5.50	136,167	29.44%	30.60%	30.60%	29.44%
Multifamily Residential	51,097	139,991	12.46%	12.46%	12.46%	2.13	298,181	8.78%	8.78%	8.78%	4.80	27,998	6.05%	6.29%	6.29%	6.05%
Commercial	107,280	293,916	26.16%	26.16%	26.16%	1.82	534,928	15.74%	15.74%	15.74%	4.10	50,211	10.86%	11.28%	11.28%	10.86%
Industrial	28,900	79,178	7.05%	7.05%	7.05%	1.88	148,855	4.38%	4.38%	4.38%	2.20	7,258	1.57%	1.63%	1.63%	1.57%
Public Authority	1,833	5,022	0.45%	0.45%	0.45%	1.20	6,026	0.18%	0.18%	0.18%	4.03	843	0.18%	0.19%	0.19%	0.18%
Public Fire Protection	4,101	11,235	1.00%	1.00%	1.00%		960,000	28.25%	28.25%	28.25%		240,000	51.89%	50.00%	50.00%	51.89%
TOTALS	**410,087**	**1,123,525**	**100%**	**100%**	**100%**		**3,397,795**	**100%**	**100%**	**100%**		**462,477**	**100%**	**100%**	**100%**	**100%**
									50%	50%	<-- Public Fire % Limits -->			50%	50%	80%

Maximum Day Demand = 3,550,085 (GAL/DAY) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM DAY EXTRA CAPACITY DEMAND

Maximum Hour Demand = 268,822 (GAL/HR) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM HOUR EXTRA CAPACITY DEMAND

1.36 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX DAY

1.72 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX HOUR

CUSTOMER CLASS ALLOCATION FACTORS

NUMBER OF METERS

Meter size (inches):	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	TOTAL METERS	PERCENT
Residential	0	3,679	26	0	0	0	0	0	0	0	0	0	0	3,705	88%
Multifamily Residential	0	12	92	0	20	17	0	0	0	0	0	0	0	141	3%
Commercial	0	65	97	0	72	49	0	10	3	0	0	0	0	296	7%
Industrial	0	11	17	0	9	9	0	4	1	0	0	0	0	51	1%
Public Authority	0	3	2	0	4	2	0	1	0	0	0	0	0	12	0%
TOTALS	**0**	**3,770**	**234**	**0**	**105**	**77**	**0**	**15**	**4**	**0**	**0**	**0**	**0**	**4,205**	**100%**

EQUIVALENT METERS

ALLOCATION FACTOR: Meter size (inches): / Equiv. meters ratio:	5/8 1.0	3/4 1.0	1 2.5	1-1/4 3.7	1-1/2 5.0	2 8.0	2-1/2 12.5	3 15.0	4 25.0	6 50.0	8 80.0	10 120.0	12 160.0	TOTAL EQUIV. METERS	PERCENT
Residential	0	3,679	65	0	0	0	0	0	0	0	0	0	0	3,744	64%
Multifamily Residential	0	12	230	0	100	136	0	0	0	0	0	0	0	478	8%
Commercial	0	65	243	0	360	392	0	150	75	0	0	0	0	1,285	22%
Industrial	0	11	43	0	45	72	0	60	25	0	0	0	0	256	4%
Public Authority	0	3	5	0	20	16	0	15	0	0	0	0	0	59	1%
TOTALS	**0**	**3,770**	**585**	**0**	**525**	**616**	**0**	**225**	**100**	**0**	**0**	**0**	**0**	**5,821**	**100%**

EQUIVALENT SERVICES

ALLOCATION FACTOR: Meter size (inches): / Equiv. services ratio:	5/8 1.0	3/4 1.0	1 1.3	1-1/4 1.7	1-1/2 2.0	2 3.0	2-1/2 3.5	3 4.0	4 5.0	6 6.0	8 7.0	10 8.0	12 9.0	TOTAL EQUIV. SERVICES	PERCENT
Residential	0	3,679	34	0	0	0	0	0	0	0	0	0	0	3,713	81%
Multifamily Residential	0	12	120	0	40	51	0	0	0	0	0	0	0	223	5%
Commercial	0	65	126	0	144	147	0	40	15	0	0	0	0	537	12%
Industrial	0	11	22	0	18	27	0	16	5	0	0	0	0	99	2%
Public Authority	0	3	3	0	8	6	0	4	0	0	0	0	0	24	1%
TOTALS	**0**	**3,770**	**304**	**0**	**210**	**231**	**0**	**60**	**20**	**0**	**0**	**0**	**0**	**4,595**	**100%**

ALLOCATION OF SERVICE COST FUNCTIONS TO CUSTOMER CLASSES

	TOTAL ($)	Residential ($)	Multifamily Residential ($)	Commercial ($)	Industrial ($)	Public Authority ($)	Public Fire Protection ($)
BASE COSTS:							
SYSTEM	1,400,790	740,816	174,538	366,450	98,718	6,261	14,008
DISTRIBUTION	40,305	21,316	5,022	10,544	2,840	180	403
EXTRA-CAPACITY COSTS:							
MAXIMUM-DAY SYSTEM	1,018,405	434,543	89,372	160,331	44,616	1,806	287,736
MAXIMUM-DAY DISTRIBUTION	0	0	0	0	0	0	0
MAXIMUM-HOUR SYSTEM	0	0	0	0	0	0	0
MAXIMUM-HOUR DISTRIBUTION	186,173	56,973	11,715	21,009	3,037	353	93,086
MAXIMUM-HOUR STORAGE	326,422	96,108	19,761	35,439	5,123	595	169,395
CUSTOMER COSTS:							
BILLING	41,722	36,761	1,399	2,937	506	119	
EQUIVALENT METERS	133,007	85,549	10,922	29,350	5,838	1,348	
EQUIVALENT SERVICES	217,567	175,788	10,539	25,430	4,692	1,117	
FIRE PROTECTION	204,880						204,880
TOTAL COST	3,569,271	1,647,854	323,269	651,490	165,369	11,780	769,509
LESS OTHER REVENUE	103,534	14,831	2,598	5,236	1,329	95	79,446
COST OF SERVICE	3,465,737	1,633,023	320,671	646,254	164,040	11,686	690,063
REVENUE AT PRESENT RATES	2,675,029	1,159,680	209,940	451,088	116,575	9,446	728,300
DIFFERENCE	790,708	473,343	110,731	195,166	47,465	2,240	(38,237)
PERCENT INCREASE/DECREASE	**29.56%**	**40.82%**	**52.74%**	**43.27%**	**40.72%**	**23.71%**	**-5.25%**

Docket 4625-WR-104 **Schedule 11**

City of Pewaukee Water Utility - Step II
Comparison of Revenue at
Present Rates, Cost of Service, and Proposed Rates

		Cost of Service		Proposed Rates		
Customer Class	**Revenue at Present Rates**	**Revenue Required**	**Increase over Present Rates**	**Revenue**	**Increase over Present Rates**	**Percent of Cost of Service**
Residential	$1,159,680	$1,633,023	40.82%	$1,627,825	40.37%	99.68%
Multifamily Residential	$209,940	$320,671	52.74%	$307,421	46.43%	95.87%
Commercial	$451,088	$646,254	43.27%	$656,313	45.50%	101.56%
Industrial	$116,575	$164,040	40.72%	$170,981	46.67%	104.23%
Public Authority	$9,446	$11,686	23.71%	$13,170	39.42%	112.70%
Public Fire Protection	$728,300	$690,063	-5.25%	$690,063	-5.25%	100.00%
Total	$2,675,029	$3,465,737	29.56%	$3,465,773	29.56%	100.00%

City of Pewaukee Water Utility – Step II

Proposed Water Rates and Rules

Docket 4625-WR-104

City of Pewaukee Water Utility – Step II

Water Rate File Changes

Amended

F-1
Upf-1
Mg-1
NSM-1
OC-1
Mpa-1
Ug-1
Sg-1
BW-1
R-1
Cz-1
X-1
X-2
X-3

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Public Fire Protection Service

Public fire protection service includes the use of hydrants for fire protection service only and such quantities of water as may be demanded for the purpose of extinguishing fires within the service area. This service shall also include water used for testing equipment and training personnel. For all other purposes, the metered or other rates set forth, or as may be filed with the Public Service Commission, shall apply.

Under Wis. Stat. § 196.03(3)(b), the municipality has chosen to have the utility bill the retail general service customers for public fire protection service. The municipality has also elected to make the charges in this schedule applicable to non-general service customer with private wells who own property that is located both within the municipal limits and in an area where the utility has an obligation to provide water for public fire protection.

Public Fire Protection Service Charges:

Quarterly: $0.05355 per thousand dollars of assessed valuation
Annually: $0.21422 per thousand dollars of assessed valuation

This rate is based on total assessed valuation of $3,221,315,000 and a total annual public fire protection charge of $690,063. The total assessed valuation included taxable parcels, tax exempt parcels, and non-general service customers with private wells.

Customers who are provided service under Schedules Mg-1, Ug-1, or Sg-1 shall also be subject to the charges in this schedule according to the size of their primary meter.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Private Fire Protection Service - Unmetered

This service shall consist of permanent or continuous unmetered connections to the main for the purpose of supplying water to private fire protection systems such as automatic sprinkler systems, standpipes, and private hydrants. This service shall also include reasonable quantities of water used for testing check valves and other backflow prevention devices.

Quarterly Private Fire Protection Service Demand Charges:

2 - inch or smaller connection:	$	12.00
3 - inch connection:	$	22.50
4 - inch connection:	$	37.50
6 - inch connection:	$	75.00
8 - inch connection:	$	120.00
10 - inch connection:	$	180.00
12 - inch connection:	$	240.00
14 - inch connection:	$	300.00
16 - inch connection:	$	360.00

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

General Service - Metered

Quarterly Service Charges:

⅝ - inch meter:	$	30.00	3 - inch meter:	$	153.00
¾ - inch meter:	$	30.00	4 - inch meter:	$	228.00
1 - inch meter:	$	42.00	6 - inch meter:	$	381.00
1¼ - inch meter:	$	54.00	8 - inch meter:	$	570.00
1½ - inch meter:	$	69.00	10 - inch meter:	$	840.00
2 - inch meter:	$	96.00	12 - inch meter:	$	1,095.00

Plus Volume Charges:

All water used quarterly: $5.45 per 1,000 gallons

Billing: Bills for water service are rendered quarterly and become due and payable upon issuance following the period for which service is rendered. A late payment charge of 1 percent per month will be added to bills not paid within 20 days of issuance. This late payment charge will be applied to the total unpaid balance for utility service, including unpaid late payment charges. The late payment charge is applicable to all customers. The utility customer may be given a written notice that the bill is overdue no sooner than 20 days after the bill is issued. Unless payment or satisfactory arrangement for payment is made within the next 10 days, service may be disconnected pursuant to Wis. Adm. Code ch. PSC 185.

Combined Metering: Volumetric meter readings will be combined for billing if the utility for its own convenience places more than one meter on a single water service lateral. Multiple meters placed for the purpose of identifying water not discharged into the sanitary sewer are not considered for utility convenience and shall not be combined for billing. This requirement does not preclude the utility from combining readings when metering configurations support such an approach. Meter readings from individually metered separate service laterals shall not be combined for billing purposes.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Non-Standard Meter Service

The utility shall assess a charge of $15.00 per quarter to a customer who is provided service under Schedule Mg-1 and who requests a non-standard meter. The utility may only charge a customer one NSM charge for customers with both water and electric services.

If a customer establishes service at a new location on which a standard meter is installed, and the customer requests non-standard meter service, the utility shall assess the customer a one-time charge, based on actual utility costs, for the installation of a non-standard meter.

If a customer requests initial service at a location where a non-standard meter is installed, the utility may not assess a charge for installing a standard meter. The utility may not charge an existing customer who chooses to convert from a non-standard meter to a standard meter.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Other Charges

Payment Not Honored by Financial Institution Charge: The utility shall assess a $29.00 charge when a payment rendered for utility service is not honored by the customer's financial institution. This charge may not be in addition to, but may be inclusive of, other such charges when the payment was for multiple services.

Billing: Same as Schedule Mg-1.

Public Service

Metered Service
Water used by the City of Pewaukee on an intermittent basis for flushing sewers, street washing, flooding skating rinks, drinking fountains, etc., shall be metered and billed according to the rates set forth in Schedule Mg-1.

Unmetered Service
Where it is impossible to meter the service, the utility shall estimate the volume of water used based on the pressure, size of opening, and the period of time the water is used. The estimated quantity shall be billed at the volumetric rates set forth in Schedule Mg-1, excluding any service charges.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

General Water Service - Unmetered

Service may be supplied temporarily on an unmetered basis where the utility cannot immediately install a water meter, including water used for construction. Unmetered service shall be billed the amount that would be charged to a metered residential customer using 15,000 gallons of water quarterly under Schedule Mg-1, including the service charge for a ⅝-inch meter. If the utility determines that actual usage exceeds 15,000 gallons of water quarterly, an additional charge for the estimated excess usage shall be made according to the rates under Schedule Mg-1.

This schedule applies only to customers with a 1-inch or smaller service connection. For customers with a larger service connection, the utility shall install a temporary meter and charges shall be based on the rates set forth under Schedule Mg-1.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Seasonal Service

Seasonal customers are general service customers who voluntarily request disconnection of water service and who resume service at the same location within 12 months of the disconnection, unless service has been provided to another customer at that location in the intervening period. The utility shall bill seasonal customers the applicable service charges under Schedule Mg-1 year-round, including the period of temporary disconnection.

Seasonal service shall include customers taking service under Schedule Mg-1, Schedule Ug-1, or Schedule Am-1.

Upon reconnection, the utility shall apply a charge under Schedule R-1 and require payment of any unpaid charges under this schedule.

Billing: Same as Schedule Mg-1, unless the utility and customer agree to an alternative payment schedule for the period of voluntary disconnection.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Bulk Water

All bulk water supplied from the water system through hydrants or other connections shall be metered or estimated by the utility. Utility personnel or a party approved by the utility shall supervise the delivery of water.

Bulk water sales are:

A. Water supplied by tank trucks or from hydrants for the purpose of extinguishing fires outside the utility's service area;

B. Water supplied by tank trucks or from hydrants for purposes other than extinguishing fires, such as water used for irrigation or filling swimming pools; or,

C. Water supplied from hydrants or other temporary connections for general service type applications, except that Schedule Ug-1 applies for water supplied for construction purposes.

A service charge of $30.00 and a charge for the volume of water used shall be billed to the party using the water. The volumetric charge shall be calculated using the highest volumetric rate for residential customers under Schedule Mg-1. In addition, for meters that are assigned to bulk water customers for more than 7 days, the applicable service charge in Schedule Mg-1 will apply after the first 7 days.

The water utility may require a reasonable deposit for the temporary use of its equipment under this and other rate schedules. The deposit(s) collected shall be refunded upon return of the utility's equipment. Damaged or lost equipment shall be repaired or replaced at the customer's expense.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Reconnection Charges

The utility shall assess a charge to reconnect a customer, which includes reinstalling a meter and turning on the valve at the curb stop, if necessary. A utility may not assess a charge for disconnecting a customer.

During normal business hours:	$30.00
After normal business hours:	$60.00

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Water Lateral Installation Charge

The utility shall charge a customer for the actual cost of installing a water service lateral from the main through curb stop and box if these costs are not contributed as part of a subdivision development or otherwise recovered under Wis. Stats. Chapter 66.

Billing: Same as Schedule Mg-1.

Water Utility Operating Rules

Compliance with Rules

All persons now receiving water service from this water utility, or who may request service in the future, shall be considered as having agreed to be bound by the rules and regulations as filed with the Public Service Commission of Wisconsin.

Establishment of Service

Application for water service may be made in writing on a form furnished by the water utility. The application will contain the legal description of the property to be served, the name of the owner, the exact use to be made of the service, and the size of the service lateral and meter desired. Note particularly any special refrigeration, fire protection, or water-consuming air-conditioning equipment.

Service will be furnished only if (1) the premises have a frontage on a properly platted street or public strip in which a cast iron or other long-life water main has been laid, or where the property owner has agreed to and complied with the provisions of the water utility's filed main extension rule, (2) the property owner has installed or agrees to install a service lateral from the curb stop to the point of use that is not less than 6 feet below the surface of an established or proposed grade and meets the water utility's specifications, and (3) the premises have adequate piping beyond the metering point.

The owner of a multi-unit dwelling has the option of being served by individual metered water service to each unit. The owner, by selecting this option, is required to provide interior plumbing and meter settings to enable individual metered service to each unit and individual disconnection without affecting service to other units. Each meter and meter connection will be treated as a separate water utility account for the purpose of the filed rules and regulations.

No division of the water service lateral to any lot or parcel of land shall be made for the extension and independent metering of the supply to an adjoining lot or parcel of land. Except for duplexes, no division of a water service lateral shall be made at the curb for separate supplies for two or more separate premises having frontage on any street or public service strip, whether owned by the same or different parties. Duplexes may be served by one lateral provided (1) individual metered service and disconnection is provided and (2) it is permitted by local ordinance.

Buildings used in the same business, located on the same parcel, and served by a single lateral may have the customer’s water supply piping installed to a central point so that volume can be metered in one place.

The water utility may withhold approval of any application where full information of the purpose of such supply is not clearly indicated and set forth by the applicant property owner.

Water Utility Operating Rules

Reconnection of Service

Where the water utility has disconnected service at the customer's request, a reconnection charge shall be made when the customer requests reconnection of service. See Schedule R-1 for the applicable rate.

A reconnection charge shall also be required from customers whose services are disconnected (shut off at curb stop box) because of nonpayment of bills when due. See Schedule R-1 for the applicable rate.

If reconnection is requested for the same location by any member of the same household, or, if a place of business, by any partner of the same business, it shall be considered as the same customer.

Temporary Metered Service, Meter, and Deposits

An applicant for temporary water service on a metered basis shall make and maintain a monetary deposit for each meter installed as security for payment for use of water and for such other charges which may arise from the use of the supply. A charge shall be made for setting the valve and furnishing and setting the meter. See Schedule BW-1 for the applicable rate.

Water for Construction

When water is requested for construction purposes or for filling tanks or other such uses, an application shall be made to the water utility, in writing, giving a statement of the amount of construction work to be done or the size of the tank to be filled, etc. Payment for the water for construction may be required in advance at the scheduled rates. The service lateral must be installed into the building before water can be used. No connection with the service lateral at the curb shall be made without special permission from the water utility. In no case will any employee of the water utility turn on water for construction work unless the contractor has obtained permission from the water utility.

Customers shall not allow contractors, masons, or other persons to take unmetered water from their premises without permission from the water utility. Any customer failing to comply with this provision may have water service discontinued and will be responsible for the cost of the estimated volume of water used.

Water Utility Operating Rules

Use of Hydrants

In cases where no other supply is available, permission may be granted by the water utility to use a hydrant. No hydrant shall be used until the proper meter and valve are installed. In no case shall any valve be installed or moved except by an employee of the water utility.

Before a valve is set, payment must be made for its setting and for the water to be used at the scheduled rates. Where applicable, see Schedule BW-1 for deposits and charges. Upon completing the use of the hydrant, the customer must notify the water utility to that effect.

Operation of Valves and Hydrants and Unauthorized Use of Water - Penalty

Any person who shall, without authority of the water utility, allow contractors, masons, or other unauthorized persons to take water from their premises, operate any valve connected with the street or supply mains, or open any fire hydrant connected with the distribution system, except for the purpose of extinguishing fire, or who shall wantonly damage or impair the same, shall be subject to a fine as provided by municipal ordinance. Utility permission for the use of hydrants applies only to such hydrants that are designated for the specific use.

Refunds of Monetary Deposits

All money deposited as security for payment of charges arising from the use of temporary water service on a metered basis, or for the return of a hydrant valve and fixtures if the water is used on an unmetered basis, will be refunded to the depositor on the termination of the use of water, the payment of all charges levied against the depositor, and the return of the water utility's equipment.

Service Laterals

No water service lateral shall be laid through any trench having cinders, rubbish, rock or gravel fill, or any other material which may cause injury to or disintegration of the service lateral, unless adequate means of protection are provided by sand filling or such other insulation as may be approved by the water utility. Service laterals passing through curb or retaining walls shall be adequately safeguarded by provision of a channel space or pipe casing not less than twice the diameter of the service connection. The space between the service lateral and the channel or pipe casing shall be filled and lightly caulked with an oakum, mastic cement, or other resilient material and made impervious to moisture.

In backfilling the pipe trench, the service lateral must be protected against injury by carefully hand tamping the ground filling around the pipe. There should be at least 6 inches of ground filling over the pipe, and it should be free from hard lumps, rocks, stones, or other injurious material.

Water Utility Operating Rules

Service Laterals (continued)

All water service laterals shall be of undiminished size from the street main into the point of meter placement. Beyond the meter outlet valve, the piping shall be sized and proportioned to provide, on all floors, at all times, an equitable distribution of the water supply for the greatest probable number of fixtures or appliances operating simultaneously.

Replacement and Repair of Service Laterals

The service lateral from the main to and through the curb stop will be maintained and kept in repair and, when worn out, replaced at the expense of the water utility. The property owner shall maintain the service lateral from the curb stop to the point of use.

If an owner fails to repair a leaking or broken service lateral from the curb to the point of metering or use within such time as may appear reasonable to the water utility after notification has been served on the owner by the water utility, the water will be shut off and will not be turned on again until the repairs have been completed.

Abandonment of Service

If a property owner changes the use of a property currently receiving water service such that water service will no longer be needed in the future, the water utility may require the abandonment of the water service at the water main. In such case, the property owner may be responsible for all removal and/or repair costs, including the water main and the utility portion of the water service lateral.

Charges for Water Wasted Due to Leaks

See Wis. Admin. Code § PSC 185.35 or Schedule X-4, if applicable.

Thawing Frozen Service Laterals

See Wis. Admin. Code § PSC 185.88 or Schedule X-4, if applicable.

Curb Stop Boxes

The curb stop box is the property of the water utility. The water utility is responsible for its repair and maintenance. This includes maintaining, through adjustment, the curb stop box at an appropriate grade level where no direct action by the property owner or occupant has contributed to an elevation problem. The property owner is responsible for protecting the curb stop box from situations that could obstruct access to it or unduly expose it to harm. The water utility shall not be liable for failure to locate the curb stop box and shut off the water in case of a leak on the owner's premises.

Water Utility Operating Rules

Installation of Meters

Meters will be owned, furnished, and installed by the water utility or a utility-approved contractor and are not to be disconnected or tampered with by the customer. All meters shall be so located that they shall be protected from obstructions and permit ready access for reading, inspection, and servicing, such location to be designated or approved by the water utility. All piping within the building must be supplied by the owner. Where additional meters are desired by the owner, the owner shall pay for all piping. Where applicable, see Schedule Am-1 for rates.

Repairs to Meters

Meters will be repaired by the water utility, and the cost of such repairs caused by ordinary wear and tear will be borne by the water utility.

Repair of any damage to a meter resulting from the carelessness of the owner of the premises, owner's agent, or tenant, or from the negligence of any one of them to properly secure and protect same, including any damage that may result from allowing a water meter to become frozen or to be damaged from the presence of hot water or steam in the meter, shall be paid for by the customer or the owner of the premises.

Service Piping for Meter Settings

Where the original service piping is installed for a new metered customer, where existing service piping is changed for the customer's convenience, or where a new meter is installed for an existing unmetered customer, the owner of the premises at his/her expense shall provide a suitable location and the proper connections for the meter. The meter setting and associated plumbing shall comply with the water utility's standards. The water utility should be consulted as to the type and size of the meter setting.

Turning on Water

The water may only be turned on for a customer by an authorized employee of the water utility. Plumbers may turn the water on to test their work, but upon completion must leave the water turned off.

Sprinkling Restrictions and Emergency Water Conditions

Where the municipality has a policy regarding sprinkling restrictions and/or emergency water conditions, failure to comply with such may result in disconnection of service.

See Wis. Admin. Code § PSC 185.37.

Water Utility Operating Rules

Failure to Read Meters

Where the water utility is unable to read a meter, the fact will be plainly indicated on the bill, and either an estimated bill will be computed or the minimum charge applied. The difference shall be adjusted when the meter is again read, that is, the bill for the succeeding billing period will be computed with the gallons or cubic feet in each block of the rate schedule doubled, and credit will be given on that bill for the amount of the bill paid the preceding period. Only in unusual cases shall more than three consecutive estimated or minimum bills be rendered.

If the meter is damaged (see Surreptitious Use of Water) or fails to operate, the bill will be based on the average use during the past year, unless there is some reason why the use is not normal. If the average use cannot be properly determined, the bill will be estimated by some equitable method.

See Wis. Admin. Code § PSC 185.33.

Complaint Meter Tests

See Wis. Admin. Code § PSC 185.77.

Inspection of Premises

During reasonable hours, any officer or authorized employee of the water utility shall have the right of access to the premises supplied with service for the purpose of inspection or for the enforcement of the water utility's rules and regulations. Whenever appropriate, the water utility will make a systematic inspection of all unmetered water taps for the purpose of checking waste and unnecessary use of water.

See Wis. Stat. § 196.171.

Vacation of Premises

When premises are to be vacated, the water utility shall be notified, in writing, at once, so that it may remove the meter and shut off the water supply at the curb stop. The owner of the premises shall be liable for prosecution for any damage to the water utility's property. See "Abandonment of Service" in Schedule X-1 for further information.

Deposits for Residential Service

See Wis. Admin. Code § PSC 185.36.

Water Utility Operating Rules

Deposits for Nonresidential Service

See Wis. Admin. Code § PSC 185.361.

Deferred Payment Agreement

See Wis. Admin. Code § PSC 185.38 or Schedule X-4, if applicable.

Dispute Procedures

See Wis. Admin. Code § PSC 185.39.

Disconnection and Refusal of Service

See Wis. Admin. Code § PSC 185.37.

The following is an example of a disconnection notice that the utility may use to provide the required notice to customers.

DISCONNECTION NOTICE

Dear Customer:

The bill enclosed with this notice includes your current charge for water utility service and your previous unpaid balance.

You have 10 days to pay the water utility service arrears or your service is subject to disconnection.

If you fail to pay the service arrears or fail to contact us within the 10 days allowed to make reasonable deferred payment arrangement or other suitable arrangement, we will proceed with disconnection action.

To avoid the inconvenience of service interruption and an additional charge of (amount) for reconnection, we urge you to pay the full arrears IMMEDIATELY AT ONE OF OUR OFFICES.

If you have entered into a Deferred Payment Agreement with us and have failed to make the deferred payments you agreed to, your service will be subject to disconnection unless you pay the entire amount due within 10 days.

If you have a reason for delaying the payment, call us and explain the situation.

Water Utility Operating Rules

Disconnection and Refusal of Service (continued)

DISCONNECTION NOTICE (continued)

PLEASE CALL THIS TELEPHONE NUMBER, (telephone number), IMMEDIATELY IF:

1. You dispute the notice of delinquent account.
2. You have a question about your water utility service arrears.
3. You are unable to pay the full amount of the bill and are willing to enter into a deferred payment agreement with us.
4. There are any circumstances you think should be taken into consideration before service is discontinued.
5. Any resident is seriously ill.

Illness Provision: If there is an existing medical emergency in your home and you furnish the water utility with a statement signed by either a licensed Wisconsin physician or a public health official, we will delay disconnection of service up to 21 days. The statement must identify the medical emergency and specify the period of time during which disconnection will aggravate the existing emergency.

Deferred Payment Agreements: If you are a residential customer and you are unable to pay the full amount of the water utility service arrears on your bill, you may contact the water utility to discuss arrangements to pay the arrears over an extended period of time.

This time payment agreement will require:

1. Payment of a reasonable amount at the time the agreement is made.
2. Payment of the remainder of the outstanding balance in monthly installments over a reasonable length of time.
3. Payment of all future water utility service bills in full by the due date.

In any situation where you are unable to resolve billing disputes or disputes about the grounds for proposed disconnection through contacts with our water utility, you may make an appeal to the Public Service Commission of Wisconsin by calling (800) 225-7729.

(WATER UTILITY NAME)

Water Utility Operating Rules

Collection of Overdue Bills

An amount owed by the customer may be levied as a tax as provided in Wis. Stat. § 66.0809.

Surreptitious Use of Water

When the water utility has reasonable evidence that a person is obtaining water, in whole or in part, by means of devices or methods used to stop or interfere with the proper metering of the water utility service being delivered, the water utility reserves the right to estimate and present immediately a bill for unmetered service as a result of such interference, and such bill shall be payable subject to a 24-hour disconnection of service. If the water utility disconnects the service for any such reason, the water utility will reconnect the service upon the following conditions:

A. The customer will be required to deposit with the water utility an amount sufficient to guarantee the payment of the bills for water utility service.

B. The customer will be required to pay the water utility for any and all damages to water utility equipment resulting from such interference with the metering.

C. The customer must further agree to comply with reasonable requirements to protect the water utility against further losses.

See Wis. Stat. §§ 98.26 and 943.20.

Repairs to Mains

The water utility reserves the right to shut off the water supply in the mains temporarily to make repairs, alterations, or additions to the plant or system. When the circumstances will permit, the water utility will give notification, by newspaper publication or otherwise, of the discontinuance of the water supply. No credit will be allowed to customers for such temporary suspension of the water supply.

See Wis. Admin. Code § PSC 185.87.

Duty of Water Utility with Respect to Safety of the Public

It shall be the duty of the water utility to see that all open ditches for water mains, hydrants, and service laterals are properly guarded to prevent accident to any person or vehicle, and at night there shall be displayed proper signal lighting to ensure the safety of the public.

Water Utility Operating Rules

Handling Water Mains and Service Laterals in Excavation Trenches

Contractors must call Digger's Hotline and ensure a location is done to establish the existence and location of all water mains and service laterals as provided in Wis. Stat. § 182.0175. Where water mains or service laterals have been removed, cut, or damaged during trench excavation, the contractors must, at their own expense, cause them to be replaced or repaired at once. Contractors must not shut off the water service laterals to any customer for a period exceeding 6 hours.

Protective Devices

A. Protective Devices in General: The owner or occupant of every premise receiving water supply shall apply and maintain suitable means of protection of the premise supply and all appliances against damage arising in any manner from the use of the water supply, variation of water pressure, or any interruption of water supply. Particularly, such owner or occupant must protect water-cooled compressors for refrigeration systems by means of high and/or low pressure safety cutout devices. There shall likewise be provided means for the prevention of the transmission of water ram or noise of operation of any valve or appliance through the piping of their own or adjacent premises.

B. Relief Valves: On all "closed systems" (i.e., systems having a check valve, pressure regulator, reducing valve, water filter, or softener), an effective pressure relief valve shall be installed at or near the top of the hot water tank or at the hot water distribution pipe connection to the tank. No stop valve shall be placed between the hot water tank and the relief valve or on the drain pipe. See applicable plumbing codes.

C. Air Chambers: An air chamber or approved shock absorber shall be installed at the terminus of each riser, fixture branch, or hydraulic elevator main for the prevention of undue water hammer. The air chamber shall be sized in conformance with local plumbing codes. Where possible, the air chamber should be provided at its base with a valve for water drainage and replenishment of air.

Cross-Connections

Every person owning or occupying a premise receiving municipal water supply shall maintain such municipal water supply free from any connection, either of a direct or of an indirect nature, with a water supply from a foreign source or of any manner of connection with any fixture or appliance whereby water from a foreign supply or the waste from any fixture, appliance, or waste or soil pipe may flow or be siphoned or pumped into the piping of the municipal water system.

See Wis. Admin. Code § NR 811.06.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Water Main Extension Rule

Water mains will be extended for new customers on the following basis:

A. Where the cost of the extension is to immediately be collected through assessment by the municipality against the abutting property, the procedure set forth under Wis. Stat. § 66.0703 will apply, and no additional customer contribution to the utility will be required.

B. Where the municipality is unwilling or unable to make a special assessment, the extension will be made on a customer-financed basis as follows:

1. The applicant(s) will advance as a contribution in aid of construction the total amount equivalent to that which would have been assessed for all property under paragraph A.

2. Part of the contribution required in paragraph B.1. will be refundable. When additional customers are connected to the extended main within 10 years of the date of completion, contributions in aid of construction will be collected equal to the amount which would have been assessed under paragraph A. for the abutting property being served. This amount will be refunded to the original contributor(s). In no case will the contributions received from additional customers exceed the proportionate amount which would have been required under paragraph A., nor will it exceed the total assessable cost of the original extension.

C. When a customer connects to a transmission main or connecting loop installed at utility expense within 10 years of the date of completion, there will be a contribution required of an amount equivalent to that which would have been assessed under paragraph A.

Public Service Commission of Wisconsin

City of Pewaukee Water Utility

Water Main Installations in Platted Subdivisions

Application for installation of water mains in regularly platted real estate development subdivisions shall be filed with the utility.

If the developer, or a contractor employed by the developer, is to install the water mains (with the approval of the utility), the developer shall be responsible for the total cost of construction.

If the utility or its contractor is to install the water mains, the developer shall be required to advance to the utility, prior to the beginning of the construction, the total estimated cost of the extension. If the final costs exceed estimated costs, an additional billing will be made for the balance of the cost due. This balance is to be paid within 30 days. If final costs are less than estimated, a refund of the overpayment will be made by the water utility.

City of Pewaukee Water Utility - Step II

Customer Water Bill Comparison at Present and Proposed Step II Rates

			Quarterly		
Customer Type	**Meter Size**	**Volume (1000 Gallons)**	**Bills at Current Rates**	**Bills at Step II Rates**	**Percent Change**
Small Residential	3/4"	8	$ 54.16	$ 73.60	35.89%
Average Residential	3/4"	15	$ 79.50	$ 111.75	40.57%
Large Residential	3/4"	30	$ 133.80	$ 193.50	44.62%
Large Residential	3/4"	60	$ 242.40	$ 357.00	47.28%
Large Residential	3/4"	120	$ 459.60	$ 684.00	48.83%
Multifamily Residential	2"	330	$ 1,278.60	$ 1,894.50	48.17%
Multifamily Residential	2"	530	$ 2,022.60	$ 2,984.50	47.56%
Multifamily Residential	2"	730	$ 2,726.60	$ 4,074.50	49.44%
Multifamily Residential	2"	930	$ 3,450.60	$ 5,164.50	49.67%
Commercial	3"	2,500	$ 9,197.00	$ 13,778.00	49.81%
Commercial	3"	3,000	$ 11,007.00	$ 16,503.00	49.93%
Commercial	4"	2,100	$ 7,818.00	$ 11,673.00	49.31%
Commercial	4"	3,300	$ 12,162.00	$ 18,213.00	49.75%
Industrial	2"	1,000	$ 3,704.00	$ 5,546.00	49.73%
Industrial	2"	1,400	$ 5,152.00	$ 7,726.00	49.96%
Industrial	3"	1,200	$ 4,491.00	$ 6,693.00	49.03%
Industrial	3"	3,295	$ 12,074.90	$ 18,110.75	49.99%
Public Authority	1 1/2"	140	$ 566.80	$ 832.00	46.79%
Public Authority	1 1/2"	210	$ 820.20	$ 1,213.50	47.95%
Public Authority	1 1/2"	280	$ 1,073.60	$ 1,595.00	48.57%
Public Authority	1 1/2"	870	$ 3,296.40	$ 4,810.50	45.93%

City of Pewaukee Water Utility - Step II

Customer Water Bill Comparison at Step I and Step II Rates

			Quarterly		
Customer Type	**Meter Size**	**Volume (1000 Gallons)**	**Bills at Step I Rates**	**Bills at Step II Rates**	**Percent Change**
Small Residential	3/4"	8	$ 68.00	$ 73.60	8.24%
Average Residential	3/4"	15	$ 101.25	$ 111.75	10.37%
Large Residential	3/4"	30	$ 172.50	$ 193.50	12.17%
Large Residential	3/4"	60	$ 315.00	$ 357.00	13.33%
Large Residential	3/4"	120	$ 600.00	$ 684.00	14.00%
Multifamily Residential	2"	330	$ 1,663.50	$ 1,894.50	13.89%
Multifamily Residential	2"	530	$ 2,613.50	$ 2,984.50	14.20%
Multifamily Residential	2"	730	$ 3,563.50	$ 4,074.50	14.34%
Multifamily Residential	2"	930	$ 4,513.50	$ 5,164.50	14.42%
Commercial	3"	2,500	$ 12,028.00	$ 13,778.00	14.55%
Commercial	3"	3,000	$ 14,403.00	$ 16,503.00	14.58%
Commercial	4"	2,100	$ 10,203.00	$ 11,673.00	14.41%
Commercial	4"	3,300	$ 15,903.00	$ 18,213.00	14.53%
Industrial	2"	1,000	$ 4,846.00	$ 5,546.00	14.44%
Industrial	2"	1,400	$ 6,746.00	$ 7,726.00	14.53%
Industrial	3"	1,200	$ 5,853.00	$ 6,693.00	14.35%
Industrial	3"	3,295	$ 15,804.25	$ 18,110.75	14.59%
Public Authority	1 1/2"	140	$ 734.00	$ 832.00	13.35%
Public Authority	1 1/2"	210	$ 1,066.50	$ 1,213.50	13.78%
Public Authority	1 1/2"	280	$ 1,399.00	$ 1,595.00	14.01%
Public Authority	1 1/2"	870	$ 4,201.50	$ 4,810.50	14.49%

CITY OF PEWAUKEE
COMMON COUNCIL AGENDA ITEM 10.

DATE: November 20, 2023

DEPARTMENT: PW - Water/Sewer

PROVIDED BY: Magdelene Wagner

SUBJECT:

Discussion and Possible Action to Award the Gun Club Lift Station Replacement to the Lowest Qualified Bidder, Staab Construction, in the Amount of $6,067,000 [Wagner / Mueller]

BACKGROUND:

The Gun Club Lift Station has reached the end of its life and as such we have bid the construction of a replacement lift station. The City received 3 bids for this project.

The low bid was Staab Construction Corporation in the amount of $6,067,000. The high bid was J.H. Hassinger, Inc. in the amount of $9,000,000.

The City and the Engineer have worked with Staab Construction previously and have determined they are a responsive bidder. We recommend awarding the contract to Staab Construction.

Immediately after bidding, Staab Construction notified us they inadvertently missed the construction management in their bid. This would add $142,036.50 to their bid. City Staff and the Engineer have reviewed the paperwork and agree this total was missed in their bid. Adding the missing $142,036.50 to the low bid value of $6,067,000 would total $6,209,036.50. This total is still $553,963.50 LESS than the next low bid. Staff is recommending awarding the contract to Staab for the low bid and executing a change order to add the additional $142,036.50 to the contract.

FINANCIAL IMPACT:

The total project cost will be $7,450,843.80 including 20% engineering, administration, and contingency.

The 2023 budget included $1,500,000 for the Gun Club Lift Station Replacement. The 2022 borrowing included sewer projects that have been canceled so we will be seeking reallocation to this project for a total of $1,738,419. The 2024 sewer budget will include the remaining budget of $4,212,424.80. NOTE: The sewer utility will need to borrow for some of these funds or will be depleting a substantial portion of its savings to fund the remaining $4 million.

RECOMMENDED MOTION:

Council award the Gun Club Lift Station Replacement to the Lowest Qualified Bidder, Staab Construction, in the Amount of $6,067,000.

ATTACHMENTS:

Description

Recommendation of Award

STRAND ASSOCIATES®
Excellence in Engineering
Since 1946

Strand Associates, Inc.®
910 West Wingra Drive
Madison, WI 53715
(P) 608.251.4843
www.strand.com

November 7, 2023

Ms. Jane Mueller, Utility Superintendent
City of Pewaukee
W240 N3065 Pewaukee Road
Pewaukee, WI 53072

Re: Gun Club Pumping Station Replacement
Contract 2-2023
City of Pewaukee, Wisconsin

Dear Ms. Mueller:

Bids for the above-referenced Project were opened on November 7, 2023. Three Bids were received with the resulting Bid tabulation enclosed.

Staab Construction Corporation of Marshfield, Wisconsin, was the apparent low Bidder at $6,067,000. The Bid included a Bid Bond for 5 percent and Addendum Nos. 1 through 4 were acknowledged. The Bid is deemed to be responsive.

Strand Associates, Inc.® has previously worked with Staab Construction Corporation on projects for the Village of Mount Horeb, Village of Theresa, and the Fontana/Walworth Water Pollution Control Commission. For those projects, the owners determined Staab Construction Corporation to be responsible.

If you determine that Staab Construction Corporation is a responsible Bidder after your evaluation of their qualifications, we recommend proceeding with award of the Contract in accordance with Article 18 of the Instructions to Bidders.

Sincerely,

STRAND ASSOCIATES, INC.®

Randy J. Langer, P.E.

Enclosure

Bids Received: 10 A.M.
November 7, 2023

STRAND ASSOCIATES, INC.®
910 West Wingra Drive
Madison, WI 53715

CITY OF PEWAUKEE
PEWAUKEE, WISCONSIN
GUN CLUB PUMPING STATION REPLACEMENT
CONTRACT 2-2023

BID TABULATION SUMMARY

Bidder and Address	Bid Bond or Guarantee	Addenda Acknowledged	Lump Sum Bid
Staab Construction Corporation 1800 Laemle Avenue Marshfield, WI 54449	5%	Yes	$6,067,000
August Winter & Sons, Inc. 2323 North Roemer Road Appleton, WI 54912	5%	Yes	$6,763,000
J.H. Hassinger, Inc. N60 W16289 Kohler Lane Menomonee Falls, WI 53051	5%	Yes	$9,000,000

Reviewed by: William Bosma

Bids Received: 10 A.M., November 7, 2023

STRAND ASSOCIATES, INC.®
910 West Wingra Drive
Madison, WI 53715

CITY OF PEWAUKEE
PEWAUKEE, WISCONSIN
GUN CLUB PUMPING STATION REPLACEMENT
CONTRACT 2-2023

CASH ALLOWANCES

				Staab Construction Corporation 1800 Laemle Avenue Marshfield, WI 54449		August Winter & Sons, Inc. 2323 North Roemer Road Appleton, WI 54912		J.H. Hassinger, Inc. N60 W16289 Kohler Lane Menomonee Falls, WI 53051	
No.	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1.	Project Contingency Allowance Section 01 29 00–Contract Considerations	1	LS	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00
2.	Face Brick Section 04 20 00–Unit Masonry System	See Bid Section 00 41 00-8	MFOB	$ 800.00	$ 8,960.00	$ 800.00	$ 9,200.00	$ 800.00	$ 8,800.00
3.	Electrical Service Section 26 21 00–Electrical Service System	1	LS	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
4.	Unsuitable Foundation Material for Structures and Roads Section 31 23 00–Excavation, Fill, Backfill, and Grading	500	CY	$ 40.00	$ 20,000.00	$ 70.00	$ 35,000.00	$ 60.00	$ 30,000.00
5.	Unsuitable Foundation Material for Utility Trenches Section 31 23 00–Excavation, Fill, Backfill, and Grading	500	CY	$ 40.00	$ 20,000.00	$ 70.00	$ 35,000.00	$ 60.00	$ 30,000.00
6.	Rock Excavation for Structures and Roads Section 31 23 16.26–Rock Removal	300	CY	$ 30.00	$ 9,000.00	$ 125.00	$ 37,500.00	$ 100.00	$ 30,000.00

Reviewed by Willie Bosworth

Bids Received: 10 A.M.
November 7, 2023

STRAND ASSOCIATES, INC.®
910 West Wingra Drive
Madison, WI 53715

CITY OF PEWAUKEE
PEWAUKEE, WISCONSIN
GUN CLUB PUMPING STATION REPLACEMENT
CONTRACT 2-2023

EQUIPMENT ALTERNATIVES

Staab Construction Corporation
1800 Laemle Avenue
Marshfield, WI 54449

	Item	Equipment Base Bid Manufacturer Included in the Lump Sum Base Bid (Circle One)	Cost of Equipment Included in the Lump Sum Base Bid	Alternative Manufacturer	Add to Base Bid for Alternative Manufacturer	Deduct From Base Bid for Alternative Manufacturer
A.	Controls and Instrumentation (Section 26 09 00)	~~Wunderlich-Malec~~ ~~OR~~ **Integrated Process Solutions** ~~OR~~ ~~L.W. Allen-Altronex~~	$369,000	_____ No Bid _____	(+)_____ (+)_____ (+)_____	(-)_____ (-)_____ (-)_____
B.	Standby Power System (Section 26 32 13)	**Cummins Power Generation** ~~OR~~ ~~Caterpillar~~ ~~OR~~ ~~Kohler~~	$147,000	_____ No Bid _____	(+)_____ (+)_____ (+)_____	(-)_____ (-)_____ (-)_____
C.	Sluice Gates (Section 40 05 59.20)	**Whipps, Inc.** ~~OR~~ ~~RW Gate~~	$69,840	_____ No Bid	(+)_____ (+)_____	(-)_____ (-)_____
D.	Submersible Pumps (Section 43 25 10)	**Flygt**	$326,434.55	No alternative _____	(+)_____ (+)_____	(-)_____ (-)_____

August Winter & Sons, Inc. 2323 North Roemer Road Appleton, WI 54912						
	Item	Equipment Base Bid Manufacturer Included in the Lump Sum Base Bid (Circle One)	Cost of Equipment Included in the Lump Sum Base Bid	Alternative Manufacturer	Add to Base Bid for Alternative Manufacturer	Deduct From Base Bid for Alternative Manufacturer
E.	Controls and Instrumentation (Section 26 09 00)	~~Wunderlich-Malec~~ ~~OR~~ ~~Integrated Process Solutions~~ ~~OR~~ L.**W. Allen-Altronex**	$300,000	_____ No Bid _____	(+)_____ (+)_____ (+)_____	(-)_____ (-)_____ (-)_____
F.	Standby Power System (Section 26 32 13)	**Cummins Power Generation** ~~OR~~ ~~Caterpillar~~ ~~OR~~ ~~Kohler~~	$133,000	_____ No Bid _____	(+)_____ (+)_____ (+)_____	(-)_____ (-)_____ (-)_____
G.	Sluice Gates (Section 40 05 59.20)	**Whipps, Inc.** ~~OR~~ ~~RW Gate~~	$66,000	_____ No Bid	(+)_____ (+)_____	(-)_____ (-)_____
H.	Submersible Pumps (Section 43 25 10)	**Flygt**	$326,434.55	No alternative _____	(+)_____ (+)_____	(-)_____ (-)_____

J.H. Hassinger, Inc.
N60 W16289 Kohler Lane
Menomonee Falls, WI 53051

	Item	Equipment Base Bid Manufacturer Included in the Lump Sum Base Bid (Circle One)	Cost of Equipment Included in the Lump Sum Base Bid	Alternative Manufacturer	Add to Base Bid for Alternative Manufacturer	Deduct From Base Bid for Alternative Manufacturer
I.	Controls and Instrumentation (Section 26 09 00)	~~Wunderlich-Malec~~ ~~OR~~ ~~Integrated Process Solutions~~ ~~OR~~ **L.W. Allen-Altronex**	$299,627		(+)	(-)
J.	Standby Power System (Section 26 32 13)	**Cummins Power Generation** ~~OR~~ ~~Caterpillar~~ ~~OR~~ ~~Kohler~~	$132,552		(+)	(-)
K.	Sluice Gates (Section 40 05 59.20)	**Whipps, Inc.** ~~OR~~ ~~RW Gate~~	$66,215		(+)	(-)
L.	Submersible Pumps (Section 43 25 10)	**Flygt**	$326,434.55	No alternative	(+)	(-)

Reviewed by: William Bosworth

CITY OF PEWAUKEE
COMMON COUNCIL AGENDA ITEM •

DATE: November 20, 2023

DEPARTMENT: PW - Water/Sewer

PROVIDED BY: Magdelene Wagner/Jane Mueller

SUBJECT:

§19.85(1)(g): Conferring with legal counsel for the governmental body who is rendering oral or written advice concerning strategy to be adopted by the body with respect to litigation in which it is or is likely to become involved specifically related to a possible Class Action lawsuit related to PFAS.

BACKGROUND:

See attached memo

FINANCIAL IMPACT:

RECOMMENDED MOTION: