



BOARD OF TRUSTEES
Regular Meeting
June 14, 2017
7:00 p.m.

1. CALL MEETING TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL
4. APPROVAL OF AGENDA
5. PRESENTATIONS
6. CLOSED SESSION
7. PUBLIC HEARINGS
 - A. Conduct Public hearing for the adoption of Zoning Ordinance 2017-05, as recommended by the Planning Commission
8. PUBLIC COMMENT: Restricted to three minutes regarding issues on this agenda
9. REPORTS/BOARD COMMENTS
 - A. Current List of Boards and Commissions – Appointments as needed
10. CONSENT AGENDA
 - A. Communications
 - B. Minutes – May 24, 2017- regular meeting
 - C. Bills
 - D. Payroll
 - E. Meeting Pay
 - F. Fire Reports
11. NEW BUSINESS
 - A. Discussion / Action: Consider approving resolution in support of amending the Elliot-Larson Civil Rights Act
 - B. Discussion / Action: Consider appointment of John Dauffenbach as Township of Union's Building Official
 - C. Discussion / Action: Approve MTA Principles of Governance Resolution
 - D. Discussion / Action: Request to award bid for 2017 Sanitary Sewer Cleaning & Televising to Plummers Environmental

- E. Discussion / Action: Request to award bid for 2017 Sanitary Sewer Bypass Manhole Structure #5 Pump Station to JJZ Contracting LLC
- F. Discussion / Action: Request to award bid for 2017 Well #1 Replacement to Peerless Midwest
- G. Discussion/ Action: Recommendation to adopt Zoning Ordinance 2017-05 (Roll Call Vote)

12. MANAGER COMMENTS

13. EXTENDED PUBLIC COMMENT: Restricted to 5 minutes regarding any issue

14. FINAL BOARD MEMBER COMMENT

15. ADJOURNMENT

2017 CHARTER TOWNSHIP OF UNION
Board of Trustees
Regular Meeting

A regular meeting of the Charter Township of Union Board of Trustees was held on May 24, 2017 at 7:00 p.m. at Union Township Hall.

Meeting was called to order at 7:00 p.m.

Roll Call

Present: Supervisor Gunning, Treasurer Rice, Clerk Cody, Trustees B. Hauck, Lannen, Mikus, and Woerle

Approval of Agenda

Rice moved Cody supported to approve the agenda adding item F. Discovery Museum Letter of Support. Vote: Ayes: 7 Nays: 0. Motion carried.

Presentations

- A. Chris Rowley - Mt. Pleasant Area Convention and Visitor's Bureau

Public Hearings

- A. **Ordinance 2017-04: Rezone E. Remus Rd. from R-4 to B-4 Property #14-013-30-001-03**

Rice moved Cody supported to open the Public Hearing at 7:11 p.m. Vote: Ayes: 7 Nays: 0. Motion carried.

No Comments were offered by the public.

Cody moved Woerle supported to close the Public Hearing. Vote: Ayes: 7 Nays: 0. Motion carried.

Public Comment - open 7: 12 p.m.

No comments.

Reports/Board Comments

Cody – City of Mt. Pleasant updates.

B. Hauck – Isabella County Road Commission updates.

Lannen – Updated on the County Board of Commissioners meeting.

Woerle – Intergovernmental meeting updates.

Consent Agenda

- A. Communications
- B. Minutes May 10, 2017 – Regular Meeting
- C. Bills
- D. Payroll
- E. Meeting Pay
- F. Fire Reports
- G. 2.5.10 Cash Flow Ratio
- H. Policy Governance 2.3 Compensation and Benefits

Cody moved Rice supported to approve the consent agenda as presented. **Vote: Ayes: 7 Nays: 0. Motion carried.**

BOARD AGENDA

A. Discussion / Action: Adoption of Ordinance 2017-04: Rezone E. Remus Rd. from R-4 to B-4 Property #14-013-30-001-03

Woerle moved B. Hauck supported to approve recommendation to adopt rezoning request for Ordinance 2017-04: Rezone E. Remus Rd. from R-4 to B4 Property #14-013-30-001-03 per the Planning Commission. **Roll Call Vote: Ayes: Gunning, Cody, Rice, B. Hauck, Lannen, Mikus, and Woerle Nays: 0. Motion carried.**

B. Discussion/ Action: Introduce Ordinance 2017-05 Outdoor Lighting and conduct first reading. Vote to publish a notice of public hearing for adoption of Ordinance 2017-05 as recommended by the Planning Commission.

Ordinance 2017-05 Outdoor Lighting and first reading was introduced to the Board of Trustees. Lannen moved Rice supported to approve 2017-05 as recommended by the Planning Commission and voted to publish a notice of public hearing for adoption of Ordinance 2017-05. **Roll Call Vote: Ayes: Gunning, Cody, Rice, B. Hauck, Lannen, Mikus, and Woerle Nays: 0. Motion carried.**

C. Discussion/ Action: Request to add Mark Stuhldreher, Township Manager to the 6 of the Township's bank and credit union accounts and remove Brian Smith's name from the same bank and credit union accounts.

Woerle moved Cody supported to approve the request to add Mark Stuhldreher, Township Manager to 6 of the Township's bank and credit union accounts and remove Brian Smith's name from the same bank and credit union accounts. **Roll Call Vote: Ayes: Cody, Rice, B. Hauck, Mikus, and Woerle Nays: Lannen. Motion carried.**

D. Discussion / Action: 2016 Audit Presentation YEO & YEO

Ali Barnes, & YEO & YEO presented the 2016 Charter Township of Union Audit.

E. Discussion / Action: 3.10 Cost of Governance Policy Review

Discussion was held by the Board of Trustees.

F. Discussion / Action: Letter of support of the Mt. Pleasant Discovery Museum's grant application

Mikus moved Rice supported for the Board of Trustees a letter of support of the Mt. Pleasant Discovery Museum's facility lighting project grant application. **Vote: Ayes: 7 Nays: 0. Motion carried.**

MANAGER COMMENTS

- 2017 Spring Hydrant Flushing May 15, 2017 to May 30, 2017 (See information on Township Website: (www.uniontownshipmi.com))
- 4th annual Clean Up Day is June 10th from 8am to 12pm.
- Welcome new employee Amy Peak, Building Department Clerk

EXTENDED PUBLIC COMMENT - Open 8:36 p.m.

No comments.

FINAL BOARD MEMBER COMMENTS

Lannen – Commented on Leadership Luncheon he attended with Saginaw Indian Tribe, CMU, City of Mt. Pleasant, and Isabella County.

Woerle – Mentioned drafting a resolution regarding the Elliot Larsen Civil Rights Act to include sexual orientation and sexual identity to bring before the Board.

Gunning – Commented Township’s utility billing.

Rice – Commented on sidewalks in the Township.

B. Hauck – Commented on Planning Commission compensation and inquired about Township Building Official.

ADJOURNMENT

Rice moved **Cody** supported to adjourn the meeting at 9:05 p.m. **Vote: Ayes: 7 Nays: 0.**
Motion carried.

APPROVED BY:

Lisa Cody, Clerk

Ben Gunning, Supervisor

(Recorded by Jennifer Loveberry)

Board Expiration Dates

Planning Commission Board Members (9 Members) 3 year term			
#	F Name	L Name	Expiration Date
1-BOT Representative	Norm	Woerle	11/20/2020
2-Chair	Phil	Squatrito	2/15/2020
3- Vice Chair	Bryan	Mielke	2/15/2018
4-Secretary	Alex	Fuller	2/15/2020
5-Vice Secretary	John	Zerbe	2/15/2018
6	Ryan	Buckley	2/15/2019
7	Denise	Webster	2/15/2020
8	Erik	Robinette	2/15/2018
9	Dwayne	Strachan	2/15/2018
Zoning Board of Appeals Members (5 Members, 2 Alternates) 3 year term			
#	F Name	L Name	Expiration Date
1-Chair	Tim	Warner	12/31/2019
2-PC Rep / Vice Chair	Bryan	Mielke	2/18/2018
3-Vice Secretary	Jake	Hunter	12/31/2019
4-Secretary	Mike	Darin	12/31/2019
5	Paul	Gross	12/31/2018
Alt. #1	Andy	Theisen	12/31/2019
Alt. #2	Taylor	Sheahan-Stahl	2/15/2018
Board of Review (3 Members) 2 year term			
#	F Name	L Name	Expiration Date
1-Chair	vacant seat		12/31/2018
2	James	Thering	12/31/2018
3	Brian	Neyer	12/31/2018
Alt #1	Mary Beth	Orr	1/25/2019
Citizens Task Force on Sustainability (4 Members) 2 year term			
#	F Name	L Name	Expiration Date
1	Laura	Coffee	12/31/2018
2	Mike	Lyon	12/31/2018
3	Jay	Kahn	12/31/2018
4	Phil	Mikus	11/20/2020
Construction Board of Appeals (3 Members) 2 year term			
#	F Name	L Name	Expiration Date
1	Colin	Herron	12/31/2017
2	Richard	Klumpp	12/31/2017
3	Andy	Theisen	12/31/2017
Hannah's Bark Park Advisory Board (2 Members from Township) 2 year term			
1	Mark	Stuhldreher	12/31/2018
2	John	Dinse	12/31/2017
Chippewa River District Library Board 4 year term			
1	Ruth	Helwig	12/31/2019



Board Expiration Dates

EDA Board Members (11 Members) 4 year term			
#	F Name	L Name	Expiration Date
1	Thomas	Kequom	4/14/2019
2	James	Zalud	4/14/2019
3	Richard	Barz	2/13/2021
4	Robert	Bacon	1/13/2019
5	Ben	Gunning	11/20/2020
6	Marty	Figg	6/22/2018
7	Sarvijit	Chowdhary	1/20/2018
8	Cheryl	Hunter	6/22/2019
9	Vance	Johnson	2/13/2021
10	Michael	Smith	2/13/2021
11	Mark	Perry	3/26/2018
Mid Michigan Area Cable Consortium (2 Members)			
#	F Name	L Name	Expiration Date
1	Kim	Smith	
2	Vacant		
Cultural and Recreational Commission (1 seat from Township) 3 year term			
#	F Name	L Name	Expiration Date
1	Brian	Smith	12/31/2019

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 101 POOLED CHECKING					
06/05/2017	101	121 (E)	00146	CONSUMERS ENERGY PAYMENT CENTER	29,616.22
06/05/2017	101	122 (E)	00146	VOID	0.00 V
06/05/2017	101	123 (E)	00146	VOID	0.00 V
06/07/2017	101	124 (E)	01105	MASTERCARD	5,264.23
06/14/2017	101	19337	01358	21ST CENTURY MEDIA-MICHIGAN	490.59
06/14/2017	101	19338	00020	JAMES ALWOOD	415.76
06/14/2017	101	19339	00038	APEX SOFTWARE	705.00
06/14/2017	101	19340	00043	ARROW UNIFORM	574.23
06/14/2017	101	19341	00084	B S & A SOFTWARE	705.00
06/14/2017	101	19342	01240	BRAUN KENDRICK FINKBEINER PLC	2,490.00
06/14/2017	101	19343	00095	C & C ENTERPRISES, INC.	239.00
06/14/2017	101	19344	00129	CMS INTERNET, LLC	4,055.48
06/14/2017	101	19345	01544	COUNTY WIDE SEPTIC	80.00
06/14/2017	101	19346	00155	COYNE OIL CORPORATION	2,132.67
06/14/2017	101	19347	01186	COYNE PROPANE LLC	288.06
06/14/2017	101	19348	01242	CULLIGAN WATER	19.50
06/14/2017	101	19349	01171	DBI BUSINESS INTERIORS	716.20
06/14/2017	101	19350	00195	EJ USA, INC	62.03
06/14/2017	101	19351	00201	ELHORN ENGINEERING COMPANY	2,581.75
06/14/2017	101	19352	00209	ETNA SUPPLY COMPANY	1,660.00
06/14/2017	101	19353	00231	FOUR SEASON'S EXTERMINATING	40.00
06/14/2017	101	19354	00249	GILL-ROY'S HARDWARE	7.59
06/14/2017	101	19355	00257	GOURDIE-FRASER, INC.	5,626.50
06/14/2017	101	19356	01541	HEINTZ LIFTING INC	750.00
06/14/2017	101	19357	00300	HYDRO DYNAMICS	571.20
06/14/2017	101	19358	01447	INTERSTATE BILLING SERVICE, INC	189.90
06/14/2017	101	19359	00324	ISABELLA CORPORATION	4,000.00
06/14/2017	101	19360	00333	ISABELLA COUNTY ROAD COMMISSION	5,769.12
06/14/2017	101	19361	00359	KERR PUMP & SUPPLY	5,360.86
06/14/2017	101	19362	00360	KIMBALL MIDWEST	203.78
06/14/2017	101	19363	00362	KRAPOHL FORD & LINCOLN	546.05
06/14/2017	101	19364	01517	L S L PLANNING	2,363.75
06/14/2017	101	19365	00001	M T A	5,513.59
06/14/2017	101	19366	00422	MICHIGAN PIPE & VALVE	5,650.00
06/14/2017	101	19367	00907	MID MICHIGAN CABLE CONSORTIUM	13,096.41
06/14/2017	101	19368	00128	CITY OF MT. PLEASANT	171,000.00
06/14/2017	101	19369	00494	NORTH CENTRAL LABORATORIES	466.33
06/14/2017	101	19370	00493	NORTH STAR INSTRUMENTATION, LLC	912.00
06/14/2017	101	19371	01136	OPTO SOLUTIONS, INC	1,414.80
06/14/2017	101	19372	00397	PAT MCGUIRK EXCAVATING INC	722.75
06/14/2017	101	19373	01543	AMY PEAK	75.11
06/14/2017	101	19374	00131	PERCEPTIVE CONTROLS, INC	1,506.40
06/14/2017	101	19375	00525	PICKARD STREET CAR WASH	67.00
06/14/2017	101	19376	01090	SIMPLY ENGRAVING	21.00
06/14/2017	101	19377	01254	LARRY M SOMMER	52.21
06/14/2017	101	19378	00629	STU'S ELECTRIC MOTOR	1,500.00
06/14/2017	101	19379	00637	SWEENEY SEED CO.	614.75
06/14/2017	101	19380	01386	THERMO FISHER SCIENTIFIC	563.96
06/14/2017	101	19381	01446	THRUN LAW FIRM P.C.	2,519.93
06/14/2017	101	19382	00668	UNITED PARCEL SERVICE	8.73
06/14/2017	101	19383	01013	USA BLUE BOOK	309.79
06/14/2017	101	19384	01314	VERIZON WIRELESS	462.90
06/14/2017	101	19385	00703	WASTE MANAGEMENT OF MICHIGAN, INC	1,176.05
06/14/2017	101	19386	00710	WEBB CHEMICAL SERVICE	4,342.36
06/14/2017	101	19387	01210	WEBER BROS SAWMILL, INC	50.00
06/14/2017	101	19388	00723	WINN TELECOM	196.26
06/14/2017	101	19389	01483	XEROX FINANCIAL SERVICES	1,500.76

101 TOTALS:

Total of 57 Checks:	291,267.56
Less 2 Void Checks:	0.00
Total of 55 Disbursements:	<u>291,267.56</u>

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
Bank 101 POOLED CHECKING						
06/05/2017	101	121 (E)	00146	CONSUMERS ENERGY PAYMENT CENTER	2270 NORTHWAY DR	26.05
					2055 ENTERPRISE DR	297.59
					5525 E REMUS RD	74.47
					5537 E BROADWAY RD	118.88
					1933 S ISABELLA RD	540.05
					5144 BUDD ST	36.61
					5142 BUDD ST	113.66
					1660 BELMONT DR	172.39
					900 MULBERRY LN	160.21
					5240 E BROOMFIELD RD	857.53
					5076 S MISSION RD	1,012.72
					4795 S MISSION ST	1,999.85
					4797 S MISSION ST #BARN	274.84
					5228 S ISABELLA RD	5,889.07
					4822 ENCORE BLVD	123.96
					4244 E BLUE GRASS RD	65.25
					800 CRAIG HILL RD	44.42
					4520 E RIVER RD	214.65
					1633 S LINCOLN RD	201.29
					5319 E AIRPORT RD	34.34
					1046 S MISSION ST	108.18
					1605 SCULLY RD	51.73
					2188 E PICKARD RD	102.03
					1776 E PICKARD RD	300.54
					1876 PACKARD RD	43.04
					2180 S LINCOLN RD	46.24
					2495 E DEERFIELD RD	152.25
					2424 W MAY ST	354.30
					3998 E DEERFIELD RD	51.31
					5369 S CRAWFORD RD	65.37
					3248 S CONCOURSE DR	193.80
					2010 S LINCOLN RD	625.48
					2279 S MERIDIAN RD	1,071.57
					4511 E RIVER RD	12,477.29
					2010 S LINCOLN RD #GUL STREET LIGHTS	49.88
						<u>1,665.38</u>
						29,616.22
06/05/2017	101	122 (E)	00146	VOID		
				VOID Reason: Created From Check Run Process		
06/05/2017	101	123 (E)	00146	VOID		
				VOID Reason: Created From Check Run Process		
06/07/2017	101	124 (E)	01105	MASTERCARD	MASTERCARD RICE	789.62
					MASTERCARD CRAWFORD	15.06
					MASTERCARD BEBOW	428.12
					MASTERCARD WALDRON	73.60
					MASTERCARD DEARING	1,890.72
					MASTERCARD TAYLOR	51.61
					MASTERCARD RADAR	20.00
					MASTERCARD MCBRIDE	536.04
					MASTERCARD MCPHERSON	482.81
					MASTERCARD DEPRIEST	209.52
					MASTERCARD ROCKAFELLOW	28.97
					MASTERCARD FUSSMAN	152.98

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
					MASTERCARD SMITH K	371.46
					MASTERCARD STUHLBREHER	137.79
					MASTERCARD DEARING	75.93
						<u>5,264.23</u>
06/14/2017	101	19337	01358	21ST CENTURY MEDIA-MICHIGAN	ADS FOR WTR BID, HYDRANT FLUSH, ZONING O	490.59
06/14/2017	101	19338	00020	JAMES ALWOOD	WELL SITE LEASE-MAY 2017	415.76
06/14/2017	101	19339	00038	APEX SOFTWARE	APEX SOFTWARE FOR ASSESSING	705.00
06/14/2017	101	19340	00043	ARROW UNIFORM	UNIFORMS	202.26
					UNIFORMS	76.87
					UNIFORMS	47.12
					UNIFORMS	76.87
					UNIFORMS	47.12
					UNIFORMS	47.12
					UNIFORMS	76.87
						<u>574.23</u>
06/14/2017	101	19341	00084	B S & A SOFTWARE	RECEIPT BARCODE SCANNERS	500.00
					BLDG DEPT SOFTWARE TRNING - PEAK	205.00
						<u>705.00</u>
06/14/2017	101	19342	01240	BRAUN KENDRICK FINKBEINER PLC	GEN LEGAL/NEW GRASS APPEAL-APR 2017	2,490.00
06/14/2017	101	19343	00095	C & C ENTERPRISES, INC.	SEWER GLOVES & SANITIZER	209.00
					GLOVES FOR CLEAN UP DAY	30.00
						<u>239.00</u>
06/14/2017	101	19344	00129	CMS INTERNET, LLC	OUTLOOK UPDATES FOR ASSESSOR	47.50
					TECH SUPPORT ONSITE/REMOTE	1,282.50
					SHARED CALENDAR FRONT DESK COMP.	71.25
					BUILDING PC MAINT/INSTALL	142.50
					PAYROLL FIX/CHECK	23.75
					BLDG NEW PC & SUPPORT	2,487.98
						<u>4,055.48</u>
06/14/2017	101	19345	01544	COUNTY WIDE SEPTIC	PORTA JOHN-CLEAN UP DAY 2016	80.00
06/14/2017	101	19346	00155	COYNE OIL CORPORATION	GAS & FUEL	869.83
					GAS & FUEL	1,262.84
						<u>2,132.67</u>
06/14/2017	101	19347	01186	COYNE PROPANE LLC	PROPANE WWTP	288.06
06/14/2017	101	19348	01242	CULLIGAN WATER	WATER FOR WWTP	19.50
06/14/2017	101	19349	01171	DBI BUSINESS INTERIORS	LABEL MAKER, 1/2" LABELS, CORRECTION TAP	129.32
					RISER FOR BLDG CLERKS MONITOR	92.86
					CMPTN SPEAKERS, PAPER(NVR TEAR), MOUSEPA	101.13
					INVOICE CODING STAMPERS	154.17
					ASSESSING WALLET FOLDER & TWP HALL PAPER	285.15
					RETURNED RISER	(46.43)
						<u>716.20</u>
06/14/2017	101	19350	00195	EJ USA, INC	HYDRANT REPAIRS	62.03
06/14/2017	101	19351	00201	ELHORN ENGINEERING COMPANY	BULK CHLORINE	2,581.75
06/14/2017	101	19352	00209	ETNA SUPPLY COMPANY	4857 ENCORE DR METER	1,660.00
06/14/2017	101	19353	00231	FOUR SEASON'S EXTERMINATING	EXTERIOR TREATMENT TWP HALL	40.00

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
06/14/2017	101	19354	00249	GILL-ROY'S HARDWARE	COMPACT FILTER WRENCH	7.59
06/14/2017	101	19355	00257	GOURDIE-FRASER, INC.	WATER SYSTEM RELIABILITY STUDY	5,626.50
06/14/2017	101	19356	01541	HEINTZ LIFTING INC	OXIDATION DITCH #3 CLEANING	750.00
06/14/2017	101	19357	00300	HYDRO DYNAMICS	20" COVER FOR F64-8	571.20
06/14/2017	101	19358	01447	INTERSTATE BILLING SERVICE, INC	HOTSY 965 MAINT	189.90
06/14/2017	101	19359	00324	ISABELLA CORPORATION	TACO BELL 8"X8" TAP - PICKARD RD	4,000.00
06/14/2017	101	19360	00333	ISABELLA COUNTY ROAD COMMISSION	BRINE CONTRACT-1ST PAYMENT 2017	5,769.12
06/14/2017	101	19361	00359	KERR PUMP & SUPPLY	MULBERRY LANE - PUMP	5,175.00
					FREIGHT CHARGES FOR PUMP	90.86
					ISABELLA WELL SITE REPAIR/SCRAP PUMP	95.00
						<u>5,360.86</u>
06/14/2017	101	19362	00360	KIMBALL MIDWEST	LAB EQUIPMENT	203.78
06/14/2017	101	19363	00362	KRAPOHL FORD & LINCOLN	2009 FORD ESCAPE-INS CLAIM DEDUCTIBLE	500.00
					WWTP FORD F150 OIL CHANGE	46.05
						<u>546.05</u>
06/14/2017	101	19364	01517	L S L PLANNING	MASTER PLAN SERVICES - APRIL	2,363.75
06/14/2017	101	19365	00001	M T A	ANNUAL DUES 7/1/17 TO 6/30/18	5,513.59
06/14/2017	101	19366	00422	MICHIGAN PIPE & VALVE	LEXINGTON RIDGE/TACO BELL WATER HOOKUPS	3,648.00
					INDEPENDENCE DRIVE 8X8 TAP	2,002.00
						<u>5,650.00</u>
06/14/2017	101	19367	00907	MID MICHIGAN CABLE CONSORTIUM	FRANCHISE FEES 1ST Q 2017	13,096.41
06/14/2017	101	19368	00128	CITY OF MT. PLEASANT	3RD QUARTER 2017 FIRE CONTRACT PAYMENT	171,000.00
06/14/2017	101	19369	00494	NORTH CENTRAL LABORATORIES	TUBING AND NITRIFICATION INHIBITOR	466.33
06/14/2017	101	19370	00493	NORTH STAR INSTRUMENTATION, LLC	ANNUAL FLOW METER CALIBRATIONS	912.00
06/14/2017	101	19371	01136	OPTO SOLUTIONS, INC	CURRENT LOOP ANALOG OUTPUT MODULE	805.90
					SNAP PAC ETHERNET BRAIN	608.90
					SNAP 2-CH AC INPUT MODULE	677.90
					SNAP 2-CH AC INPUT MODULE RETURN	(677.90)
						<u>1,414.80</u>
06/14/2017	101	19372	00397	PAT MCGUIRK EXCAVATING INC	SCREENED BLACK DIRT FOR CLEAN UPS	722.75
06/14/2017	101	19373	01543	AMY PEAK	BS&A TRAINING MILEAGE REIMBURSEMENT	75.11
06/14/2017	101	19374	00131	PERCEPTIVE CONTROLS, INC	OPTO 22 PROGRAMMING WATER	698.20
					OPTO 22 PROGRAMMING SEWER & SUPPORT	808.20
						<u>1,506.40</u>
06/14/2017	101	19375	00525	PICKARD STREET CAR WASH	WASH & DETAIL	67.00
06/14/2017	101	19376	01090	SIMPLY ENGRAVING	NAME PLATES / MAGNETIC NAME BADGE	21.00
06/14/2017	101	19377	01254	LARRY M SOMMER	NMCOA AND COCM MEAL REIMBURSEMENT	52.21
06/14/2017	101	19378	00629	STU'S ELECTRIC MOTOR	REPLACE SCREW PUMP MOTOR	1,500.00
06/14/2017	101	19379	00637	SWEENEY SEED CO.	HYDRO SEED/FERTILIZER FOR CLEAN UPS-WTR	472.75
					HERBICIDE FOR PARKS DEPT	142.00
						<u>614.75</u>
06/14/2017	101	19380	01386	THERMO FISHER SCIENTIFIC	PCB-POWER-815 CIRCUIT BOARD	563.96
06/14/2017	101	19381	01446	THRUN LAW FIRM P.C.	MTT / ASSESSING	176.00
					CAMPUS CREST AT MP II LLC V UNION TWP	2,044.73
					PEP-CMU, LLC V UNION TWP	299.20
						<u>2,999.93</u>

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
						2,519.93
06/14/2017	101	19382	00668	UNITED PARCEL SERVICE	SHIPPING FOR WATER SAMPLES	8.73
06/14/2017	101	19383	01013	USA BLUE BOOK	OPERATING SUPPLIES	309.79
06/14/2017	101	19384	01314	VERIZON WIRELESS	CELL PHONES 4-16-17 TO 5-15-17	462.90
06/14/2017	101	19385	00703	WASTE MANAGEMENT OF MICHIGAN, INC	WWTP DUMPSTER SERVICE	733.15
					ISABELLA DUMPSTER SERVICE	67.80
					SHOP DUMPSTER SERVICE	46.35
					MCDONALD PARK DUMPSTER SERVICE	167.69
					TWP HALL DUMPSTER SERVICE	54.45
					JAMESON PARK DUMPSTER SERVICE	106.61
						<u>1,176.05</u>
06/14/2017	101	19386	00710	WEBB CHEMICAL SERVICE	FERRIC CHLORIDE SOLUTION	4,342.36
06/14/2017	101	19387	01210	WEBER BROS SAWMILL, INC	5 YDS BARK FOR WWTP	50.00
06/14/2017	101	19388	00723	WINN TELECOM	PHONE SERVICE 5/15/17 TO 6/14/17	196.26
06/14/2017	101	19389	01483	XEROX FINANCIAL SERVICES	LEASE PAYMENT-MAY 2017	1,500.76
						<u><u>1,500.76</u></u>

101 TOTALS:

Total of 57 Checks:

291,267.56

Less 2 Void Checks:

0.00

Total of 55 Disbursements:

291,267.56

Charter Township of Union Payroll
--

CHECK DATE: June 1, 2017

PPE: May 27, 2017

NOTE: CHECK TOTAL FOR TRANSFER

Gross Payroll	\$	52,514.86
Employer Share Med		751.62
Employer Share SS		3,213.98
SUI		453.28
Pension-Employer Portion		3,358.29
Workers' Comp		576.76
Life/LTD		455.57
Dental		1,838.10
Health Care		26,747.46
Cobra/Flex Administration		-
PCORI Fee		-
Total Transfer to Payroll Checking	\$	89,909.92

NOTE: PAYROLL TRANSFER NEEDED

General Fund	\$	28,909.24
EDDA		
WDDA		
Sewer Fund		28,714.56
Water Fund		32,286.12
Total To Transfer from Pooled Savings	\$	89,909.92

**CHARTER TOWNSHIP OF UNION
MEETING PAY REQUEST FORM
2017**

BOARD MEMBER: NORM WOERLE

MONTH: MAY, 2017

Date	Meeting	Time Attended		Total
		1hr or less	More than Hr	
5-11-17	INTERGOVERNMENTAL LIAISON		✓	75 ⁰⁰
5-31-17	MICHIGAN ASSOC. OF PLANNING TRAINING (PLANNING/ZONING ESSENTIALS)		✓	75 ⁰⁰

SIGNATURE: Norm Woerle Date: 6-1-17

1. This form is filled out by the board member monthly and turned into the Finance Director. Completed requests will be added to the consent agenda for approval at the next regular board meeting. After board approval, payment will be added to the next regular payroll process.
2. Only list those meetings that you have attended. You are required to list the amount of meeting time you were in attendance. The amount paid is subject to the time you spent during the actual meeting. 1 to 60 minutes is reimbursed at \$50. Anything greater than 60 minutes is reimbursed at \$75.
3. Attendances at all day conferences/sessions are reimbursed as one meeting at \$75.

Mount Pleasant Fire Department

Fire Experience Report For Union Township/City of Mt. Pleasant
Period - May 15, 2017 through May 21, 2017


Category	Code	Description	Twp	Resp	City	
Fire	100	Fire, Other				
	111	Building Fire				
	112	Fires in Structures other than a Building				
	113	Cooking Fire				
	114	Chimney or Flue Fire				
	116	Fuel Burner/Boiler Malfunction				
	131	Passenger Vehicle Fire				
	132	Road freight or transport vehicle fire				
	136	Self-propelled Motor Home/Recreational				
	137	Camper or Recreational Vehicle (RV) Fire				
	138	Off-road vehicle of heavy equipment fire				
	140	Natural Vegetation Fire			1	
	143	Grass/Brush fire				
	150	Outside Rubbish Fire, other				
	151	Outside Rubbish Fire, trash or waste fire				
	154	Dumpster Fire			1	
	160	Special Outside Fire, Other	1	2	1	
	Overpressure Rupture, (No Fire)	251	Excessive heat, scorch burns with no fire			
		231	Chemical reaction rupture of process vessel			
	Rescue & EMS Incident	300	Rescue, EMS incident, other			
311		Medical Assist to EMS Crew	3	9	2	
321		EMS Call excluding Veh. Accident			3	
322		Motor Vehicle Acc. W/ Injuries	1	12		
323		Motor Vehicle Acc/Pedestrian				
324		Motor Vehicle Acc. W/no Injuries	1	3		
331		Lock-In (If lock out use 551)				
342		Search for Person in Water				
352		Extrication of Victim (s) from vehicle				
353		Remove Victim from Stalled Elevator				
360		Water & Ice-related Rescue, Other				
361		Swimming /recreational water area rescue				
3811	Technical rescue standby					
Hazardous Condition (No Fire)	400	Hazard condition other				
	410	Combustible/Flammable Gas Condition				
	411	Gasoline or Other Flammable Spill				
	412	Gas Leak (natural gas or LPG)				
	413	Oil of Combustible Liquid Spill				
	421	Chemical Hazard (No Spill or Leak)				
	423	Refrigeration Leak				
	424	Carbon Monoxide Incident				
	440	Electric Wiring/Equipment Problem			1	
	441	Heat from Short Circuit				
	442	Overheated Motor				
443	Breakdown of Light Ballast					

	444	Power Line Down			
	445	Arcing, shorted electrical equipment			
	451	Biological hazard, confirmed or suspected			
	461	Building or Structure Weakened or Collapsed			
	462	Aircraft Standby			
	463	Vehicle Accident, general cleanup			
	480	Attempted burning, illegal action, other			
	4441	Utility Line Down			2
Service Call	500	Service Call - Other			
	510	Person in Distress			
	511	Lock-out			
	512	Ring or Jewelry removal			
	520	Water Problem, Other			
	521	Water Evacuation			
	522	Water of Steam Leak			
	531	Smoke or Odor Removal			1
	542	Animal Rescue			
	552	Police Matter			
	553	Public Service			
	561	Unauthorized Burning			
	571	Cover assignment, standby, moveup			
Good Intent Call	600	Good Intent Call, Other			
	611	Dispatched and Cancelled en route	2	5	
	622	No Incident Found on Arrival			
	631	Authorized controlled burning			
	650	Steam, gas mistaken for smoke,			
	651	Smoke Scare, Odor of Smoke			
	661	EMS call, party already transported			
	671	HazMat Investigation, no HazMat			
False Alarm & False Call	700	False Alarm, Other			
	710	Malicious, mischievous false call, other			
	715	Local Alarm System, Malicious False Alarm			
	721	Bomb Scare - No Bomb			
	730	System Malfunction			
	731	Sprinkler activation due to malfunction			
	732	Extinguishing System Activation - Malfunction			
	733	Smoke Det. Activation - Malfunction	1	3	1
	734	Heat Detector Activation - Malfunction			
	735	Alarm system sounded due to malfunction			
	736	CO detector activation due to malfunction			
	740	Unintentional transmission of alarm, other			
	741	Sprinkler activation, no fire			
	743	Smoke Det. Activation - Unintentional	1	3	1
	744	Detector activation, no fire			
	745	Alarm System Act. - Unintentional			
	746	Carbon Monoxide Activation, NO CO			
Severe Weather	813	Wind Storm, Tornado/Hurricane Assessment			

Special Incident Type	911	Citizen Complaint			
	9003	Affidavit Issued			
		Total Response for Union Twp/City	10	37	14

 Emergency - MPFD

 Emergency - MPFD Secondary to MMR

 Non - Emergency

Mount Pleasant Fire Department

Fire Experience Report For Union Township/City of Mt. Pleasant
Period - May 22, 2017 through May 28, 2017

Category	Code	Description	Twp	Resp	City	
Fire	100	Fire, Other				
	111	Building Fire				
	112	Fires in Structures other than a Building				
	113	Cooking Fire				
	114	Chimney or Flue Fire				
	116	Fuel Burner/Boiler Malfunction				
	131	Passenger Vehicle Fire				
	132	Road freight or transport vehicle fire				
	136	Self-propelled Motor Home/Recreational				
	137	Camper or Recreational Vehicle (RV) Fire				
	138	Off-road vehicle of heavy equipment fire				
	140	Natural Vegetation Fire				
	143	Grass/Brush fire				
	150	Outside Rubbish Fire, other				
	151	Outside Rubbish Fire, trash or waste fire				
	154	Dumpster Fire				
	160	Special Outside Fire, Other				
	Overpressure Rupture, (No Fire)	251	Excessive heat, scorch burns with no fire			
		231	Chemical reaction rupture of process vessel			
Rescue & EMS Incident	300	Rescue, EMS incident, other				
	311	Medical Assist to EMS Crew	1	4	6	
	321	EMS Call excluding Veh. Accident	2	5	2	
	322	Motor Vehicle Acc. W/ Injuries	1	5		
	323	Motor Vehicle Acc/Pedestrian				
	324	Motor Vehicle Acc. W/no Injuries				
	331	Lock-In (If lock out use 551)				
	342	Search for Person in Water				
	352	Extrication of Victim (s) from vehicle				
	353	Remove Victim from Stalled Elevator				
	360	Water & Ice-related Rescue, Other				
361	Swimming /recreational water area rescue					
3811	Technical rescue standby					
Hazardous Condition (No Fire)	400	Hazard condition other				
	410	Combustible/Flammable Gas Condition				
	411	Gasoline or Other Flammable Spill				
	412	Gas Leak (natural gas or LPG)				
	413	Oil of Combustible Liquid Spill				
	421	Chemical Hazard (No Spill or Leak)				
	423	Refrigeration Leak				
	424	Carbon Monoxide Incident				
	440	Electric Wiring/Equipment Problem				
	441	Heat from Short Circuit				
	442	Overheated Motor				
443	Breakdown of Light Ballast					

	444	Power Line Down			
	445	Arcing, shorted electrical equipment			
	451	Biological hazard, confirmed or suspected			
	461	Building or Structure Weakened or Collapsed			
	462	Aircraft Standby			
	463	Vehicle Accident, general cleanup			
	480	Attempted burning, illegal action, other			
	4441	Utility Line Down			
Service Call	500	Service Call - Other	1	2	
	510	Person in Distress			
	511	Lock-out			
	512	Ring or Jewelry removal			
	520	Water Problem, Other			
	521	Water Evacuation			
	522	Water of Steam Leak			
	531	Smoke or Odor Removal			
	542	Animal Rescue			
	552	Police Matter			
	553	Public Service			
	561	Unauthorized Burning			
	571	Cover assignment, standby, moveup			
Good Intent Call	600	Good Intent Call, Other			
	611	Dispatched and Cancelled en route			
	622	No Incident Found on Arrival	2	4	1
	631	Authorized controlled burning			
	650	Steam, gas mistaken for smoke,			
	651	Smoke Scare, Odor of Smoke			
	661	EMS call, party already transported			
	671	HazMat Investigation, no HazMat			
False Alarm & False Call	700	False Alarm, Other			
	710	Malicious, mischievous false call, other			
	715	Local Alarm System, Malicious False Alarm			
	721	Bomb Scare - No Bomb			
	730	System Malfunction			
	731	Sprinkler activation due to malfunction	1	2	
	732	Extinguishing System Activation - Malfunction			
	733	Smoke Det. Activation - Malfunction			
	734	Heat Detector Activation - Malfunction			
	735	Alarm system sounded due to malfunction	1	2	
	736	CO detector activation due to malfunction			
	740	Unintentional transmission of alarm, other			
	741	Sprinkler activation, no fire	1	2	
	743	Smoke Det. Activation - Unintentional			1
	744	Detector activation, no fire			1
	745	Alarm System Act. - Unintentional			
	746	Carbon Monoxide Activation, NO CO			
Severe Weather	813	Wind Storm, Tornado/Hurricane Assessment			

Special Incident Type	911	Citizen Complaint			
	9003	Affidavit Issued			
		Total Response for Union Twp/City	10	26	11

 Emergency - MPFD

 Emergency - MPFD Secondary to MMR

 Non - Emergency

Mount Pleasant Fire Department

Fire Experience Report For Union Township/City of Mt. Pleasant
Period - May 29, 2017 through June 4, 2017


Category	Code	Description	Twp	Resp	City
Fire	100	Fire, Other			
	111	Building Fire			
	112	Fires in Structures other than a Building			
	113	Cooking Fire			
	114	Chimney or Flue Fire			
	116	Fuel Burner/Boiler Malfunction			
	131	Passenger Vehicle Fire			
	132	Road freight or transport vehicle fire			
	136	Self-propelled Motor Home/Recreational			
	137	Camper or Recreational Vehicle (RV) Fire			
	138	Off-road vehicle of heavy equipment fire			
	140	Natural Vegetation Fire	2	4	
	143	Grass/Brush fire			
	150	Outside Rubbish Fire, other			1
	151	Outside Rubbish Fire, trash or waste fire			
	154	Dumpster Fire			
160	Special Outside Fire, Other				
Overpressure Rupture, (No Fire)	251	Excessive heat, scorch burns with no fire			
	231	Chemical reaction rupture of process vessel			
Rescue & EMS Incident	300	Rescue, EMS incident, other			
	311	Medical Assist to EMS Crew	2	5	2
	321	EMS Call excluding Veh. Accident			2
	322	Motor Vehicle Acc. W/ Injuries	2	4	2
	323	Motor Vehicle Acc/Pedestrian			
	324	Motor Vehicle Acc. W/no Injuries			
	331	Lock-In (If lock out use 551)			
	342	Search for Person in Water			
	352	Extrication of Victim (s) from vehicle			
	353	Remove Victim from Stalled Elevator			
	360	Water & Ice-related Rescue, Other			
361	Swimming /recreational water area rescue				
3811	Technical rescue standby				
Hazardous Condition (No Fire)	400	Hazard condition other			
	410	Combustible/Flammable Gas Condition			
	411	Gasoline or Other Flammable Spill			
	412	Gas Leak (natural gas or LPG)			1
	413	Oil of Combustible Liquid Spill			
	421	Chemical Hazard (No Spill or Leak)			
	423	Refrigeration Leak			
	424	Carbon Monoxide Incident			
	440	Electric Wiring/Equipment Problem			
	441	Heat from Short Circuit			
442	Overheated Motor				
443	Breakdown of Light Ballast				

	444	Power Line Down			
	445	Arcing, shorted electrical equipment			
	451	Biological hazard, confirmed or suspected			
	461	Building or Structure Weakened or Collapsed			
	462	Aircraft Standby			
	463	Vehicle Accident, general cleanup			
	480	Attempted burning, illegal action, other			
	4441	Utility Line Down			
Service Call	500	Service Call - Other			
	510	Person in Distress			
	511	Lock-out			
	512	Ring or Jewelry removal			
	520	Water Problem, Other			
	521	Water Evacuation			
	522	Water of Steam Leak			
	531	Smoke or Odor Removal			
	542	Animal Rescue			
	552	Police Matter			
	553	Public Service			
	561	Unauthorized Burning			
	571	Cover assignment, standby, moveup			
Good Intent Call	600	Good Intent Call, Other			
	611	Dispatched and Cancelled en route			
	622	No Incident Found on Arrival			1
	631	Authorized controlled burning			
	650	Steam, gas mistaken for smoke,			
	651	Smoke Scare, Odor of Smoke			
	661	EMS call, party already transported			
	671	HazMat Investigation, no HazMat			
False Alarm & False Call	700	False Alarm, Other			
	710	Malicious, mischievous false call, other			
	715	Local Alarm System, Malicious False Alarm			
	721	Bomb Scare - No Bomb			
	730	System Malfunction			
	731	Sprinkler activation due to malfunction			
	732	Extinguishing System Activation - Malfunction			
	733	Smoke Det. Activation - Malfunction	1	2	
	734	Heat Detector Activation - Malfunction			
	735	Alarm system sounded due to malfunction			
	736	CO detector activation due to malfunction			
	740	Unintentional transmission of alarm, other			
	741	Sprinkler activation, no fire			
	743	Smoke Det. Activation - Unintentional			
	744	Detector activation, no fire			
	745	Alarm System Act. - Unintentional			2
	746	Carbon Monoxide Activation, NO CO			
Severe Weather	813	Wind Storm, Tornado/Hurricane Assessment			

Special Incident Type	911	Citizen Complaint			
	9003	Affidavit Issued			
		Total Response for Union Twp/City	7	15	11

 Emergency - MPFD

 Emergency - MPFD Secondary to MMR

 Non - Emergency

**CHARTER TOWNSHIP OF UNION
A RESOLUTION EXTENDING THE ELLIOT-LARSON CIVIL
RIGHTS ACT TO INCLUDE SEXUAL ORIENTATION,
GENDER IDENTITY, AND EXPRESSION, IN SUPPORT OF
MICHIGAN HB 4689 (2017)**

At a meeting of the Township Board of the Charter Township of Union, Isabella County, Michigan held at 2010 South Lincoln Road, Mt. Pleasant, Michigan 48858 on the 14th day of June, 2017:

Present:

Absent:

The following resolution was offered by _____; and supported by _____

Whereas, The Charter Township of Union, MI adopted Human Rights Ordinance Number 2012-06 on October 10, 2012 and reaffirmed on March 22, 2017, which prohibits discrimination in employment, housing and public accommodations and provides penalties for violations; and,

Whereas, the Township through Ordinance Number 2012-06 intends that no individual be denied the equal protection of the laws, nor shall any person be denied the enjoyment of his or her civil rights or be discriminated against because of race, religion, color, national origin, sex, age, marital status, physical or mental disability, height, weight, familial status, sexual orientation or gender identity; and,

Whereas, the Elliott-Larson Civil Rights Act 453 of 1976 does not currently include those protections for sexual orientation, gender identity and expression to citizens in the State of Michigan; and,

Whereas, no citizens in our state should fear losing their job, being denied a job, housing or public accommodations because of their sexual orientation, gender identity, and expression; and,

Whereas, all citizens should be assured their rights, freedom and equality and feel emotionally, psychological and physically safe without discrimination; and,

Whereas, the Union Township Board of Trustees passed a similar resolution on December 4, 2014 in support of amending the Elliot Larson Civil Rights Act; and,

Now, Therefore, be it resolved, on this day, June 14, 2017 that the Union Township Board of Trustees recommends the Michigan Legislature to pass HB 4689 to amend the Elliott-Larson Civil Rights Act to include sexual orientation, gender identity and expression as protected under the law.

ADOPTED: June 14, 2017

AYES:

NAYES:

ABSENT:

I hereby certify that the foregoing constitutes a true and complete copy of a Resolution adopted by the Board of Trustees of the Charter Township of Union, County of Isabella, Michigan, at a regular meeting held on Wednesday, June 14, 2017.

Lisa Cody, Clerk



REQUEST FOR TOWNSHIP BOARD ACTION

TO: Board of Trustees	DATE: June 6, 2017
FROM: Mark Stuhldreher, Township Manager	DATE FOR BOARD CONSIDERATION: June 14, 2017
ACTION REQUESTED: Consider the appointment of Mr. John Dauffenbach as the Charter Township of Union's Building Official.	

Current Action Emergency

Funds Budgeted: If Yes Account # _____ No N/A

Finance Approval MDS

BACKGROUND INFORMATION

In August, 2016, the Township Board approved the appointment of Mr. Ken LaBelle as the Township Building Official as required by state law.

Mr. LaBelle has recently retired and, via the existing service agreement with McKenna and Associates, Mr. John Dauffenbach has been assigned to the Township. Mr. Dauffenbach is a licensed Building Official, Plan Reviewer and Inspector. This change necessitates that the Township Board formally name, via official Township Board action, Mr. Dauffenbach as the Township Building Official.

SCOPE OF SERVICES

Functions performed by the Mr. John Dauffenbach include:

- Building Official, Inspections and Plan Review Services
- Maintenance of written and electronic files
- Additional Services as requested

JUSTIFICATION

State statute requires the governing body appoint the Building Official. A duly appointed Building Official is needed to so that projects that have been approved by the Planning Commission can continue through the build out phase. Absent a properly certified and appointed Building Official, the Township is unable to issue Building Permits, conduct full plan reviews and conduct certain inspections.

PROJECT IMPROVEMENTS

The following Board of Trustees goals are addressed with the approval of the Plan (From Policy 1.0: Global End)

- Community well-being and common good
- Safety
- Health
- Natural Environment

COSTS

N/A

PROJECT TIME TABLE

N/A

RESOLUTION

It is Resolved that Mr. John Dauffenbach is hereby named as the Charter Township of Union's Building Official.

Moved by _____ Seconded by _____

Yes:

No:

Absent:

RICK SNYDER
GOVERNOR

MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY
BUREAU OF CONSTRUCTION CODES

REGISTERED CODE OFFICIAL AND INSPECTOR

CATEGORY BUILDING OFFICIAL
BUILDING INSPECTOR
PLAN REVIEWER

JOHN P. DAUFFENBACH
1284 CLUBHOUSE
LAKE ISABELLA MI 48893

REGISTRATION NO

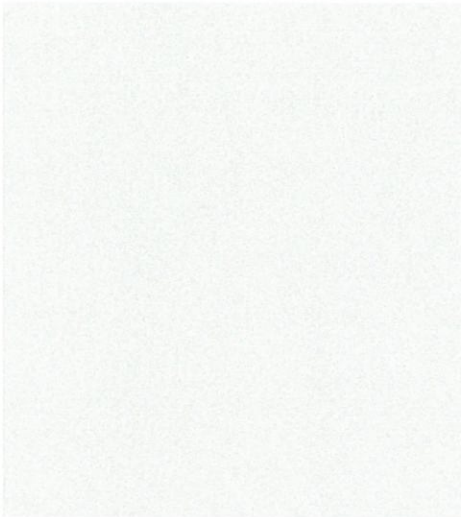
EXPIRATION DATE

BCC-149 (Rev. 9/06)

000553

09/16/18

THIS DOCUMENT IS DULY
ISSUED UNDER THE LAWS OF
THE STATE OF MICHIGAN



Professional Experience

BUILDING CODE ADMINISTRATOR: Experienced Building Inspector and Plan Reviewer. Provided constructions code enforcement and zoning administration services for multiple municipalities with populations from 100,000 to 1,200, directing permits and inspections for construction codes and property maintenance codes, business licenses, using BS&A software; provided applicant guidance and public education.

BUILDING INSPECTOR: For more than 28 years, provided municipal Building Inspector and Plan Examiner services with leadership, problem solving, planning and organization. Conducted building inspections with an emphasis on customer service using communication and leadership skills.

Performed building inspections and plan reviews for City of 100,000 and employed the following skills:

- Worked with applicants to secure compliance
- Team leadership with the ability to initiate/manage cross-functional teams and multi-disciplinary projects
- Implemented historical spread sheet to document site plans and drawings of commercial buildings in Livonia, Michigan
- Practiced analytical thinking, decision making and problem solving using strong building trades experience
- Demonstrated success in the following:
 - » Professional communication; effective listening
 - » Project management: influencing, leading, negotiating and delegating
 - » Conflict resolution and trouble shooting
 - » Creative thinking and organizational skills
 - » Determination and diplomacy
 - » Capability in BS&A software computer inspection programs
 - » Preparing case histories for District Court prosecutions.

PROJECT LEADER: For 12 years, directed carpentry crews. Handled property owner, subcontractor and general contractor concerns and problems. Identified and developed working relationships with subcontractors.

JOURNEYMAN CARPENTER: Worked for union carpentry contractor.

Education/Licenses

Business Courses in Management
Schoolcraft Community College, Livonia, MI

Act 54 registration as Michigan Building
Official/Building Inspector and Plan
Reviewer

Michigan Builders License Instructor
2008 - 2009

Professional Affiliations

International Code Council

Code Official Council of Michigan

Michigan Association of Planning

Building Company Sole Proprietor



REQUEST FOR TOWNSHIP BOARD ACTION

TO: Board of Trustees **DATE:** June 6, 2017
FROM: Clerk Cody **DATE FOR BOARD CONSIDERATION:** June 14, 2017
ACTION REQUESTED: Request to approve and adopt the Principles of Governance from the Michigan Townships Association.

Current Action Emergency

Funds Budgeted: If Yes Account # _____ No N/A

Finance Approval _____

BACKGROUND INFORMATION

The Michigan Townships Association (MTA) is encouraging every township board to deliberate on and adopt the enclosed Principles of Governance.

SCOPE OF SERVICES

A copy of the of the letter from the MTA is enclosed, encouraging the current Township Board to approve this Resolution as an acknowledgement to maintain the highest standards and traditions of Michigan townships.

JUSTIFICATION

The MTA Board is encouraging all Michigan Townships to reaffirm, or adopt for the first time, the attached Principles of Governance Resolution. The MTA embraces these principles to guide stewardship, deliberations and constituent services as township's commit to safeguard the community's health, safety, and general welfare.

PROJECT IMPROVEMENTS.

1. Community well-being and common good
2. Prosperity through economic diversity, cultural diversity, and social diversity
3. Safety
4. Health
5. Natural Environment
6. Commerce

COSTS

PROJECT TIME TABLE

RESOLUTION

Authorization is hereby given to approve the Michigan Townships Association Principles of Governance.

Resolved by _____ Seconded by _____

Yes:

No:

Absent:



Dear Township Board:

The Michigan Townships Association is again encouraging every township board to deliberate on and adopt the enclosed Principles of Governance. MTA members throughout the state have enthusiastically embraced these Principles as their own code of conduct, and the MTA Board urges you to reaffirm, or adopt for the first time, these Principles of Governance as an official policy of your township board.

Our objective in promulgating Principles of Governance for our members is straightforward: Township boards can be much more efficient and effective when there is a high degree of trust among board members, and between the board and those whom they are elected to serve. Township boards earn trust by demonstrating their commitment to effectively solving problems and conducting their business in a manner consistent with their community's expectations and values—and then faithfully delivering on those commitments.

The MTA Board of Directors affirms in our mission and values statements that township government embodies efficient, effective, economical, ethical and accountable local government in Michigan. The Principles of Governance embody these core values, and can guide board members toward consistent actions and deeds that reflect well on the township and on themselves. The MTA Board strongly believes that a township board that publicly adopts and adheres to these Principles will enjoy strong public support and be better positioned to achieve great things on behalf of its residents.

As a key part of our collective commitment to fostering efficient and effective township government that has earned the public's trust, the MTA Board invites your board to affirm and practice the enclosed Principles of Governance through formal ratification at a board meeting. By signing this certificate, board members denote their personal pledges to adhere to the Principles. Following board action, we encourage you to frame and proudly post the document in a prominent place for all to see.

Sincerely,

A handwritten signature in cursive script that reads "Diane Randall".

Diane Randall
2017 MTA President

Union Charter Township

Principles of Governance

To maintain the highest standards and traditions of Michigan townships, we embrace these principles to guide our stewardship, deliberations and constituent services as we commit to safeguard our community's health, safety and general welfare.

We pledge to:

- Insist on the highest standards of ethical conduct by all who act on behalf of this township
- Bring credit, honor and dignity to our public offices through collegial board deliberations, and diligent, appropriate responses to constituent concerns
- Actively pursue education and knowledge, and embrace best practices
- Treat all persons with dignity, respect and impartiality, without prejudice or discrimination
- Practice openness and transparency in our decisions and actions
- Cooperate in all reasonable ways with other governmental entities and consider the impact our decisions may have outside our township's borders
- Communicate to the public township issues, challenges and successes, and welcome the active involvement of stakeholders to further the township's well-being
- Strive for compliance with all state and federal statutory requirements
- Refuse to participate in any decisions or activities for personal gain, at the expense of the best interests of the township
- Further the understanding of the obligations and responsibilities of American citizenship, democratic government and freedom

These principles we pledge to our township, our state, and our country.

Ben Gunning, Supervisor

Bill Hauck, Trustee

Lisa Cody, Clerk

Tim Lannen, Trustee

Kimberly Rice, Treasurer

Phillip Mikus, Trustee



Norm Woerle, Trustee

Date

REQUEST FOR TOWNSHIP BOARD ACTION

To: Mark Stuhldreher - Township Manager	DATE: June 5, 2017
FROM: Kim Smith – Public Works Coordinator	DATE FOR BOARD CONSIDERATION: June 14, 2017
ACTION REQUESTED: Request to award bid for 2017 Sanitary Sewer Cleaning and Televising to Plummers Environmental in the amount of \$94,664.50.	

Current Action Emergency

Funds Budgeted: If Yes Account # 590-529-930.000 No N/A

Finance Approval _____

BACKGROUND INFORMATION

In accordance with MDEQ asset management requirements and Union Township’s Sanitary Sewer Asset Management Plan the township must clean and televise all 208,526 feet of sanitary sewer mains within five years. As of January of 2017, 79,377 feet or 38% have been completed. An additional 39,775 feet are proposed to be completed in 2017, which will increase our percentage to 57%.

Cleaning and televising is done to clear any areas of the sewer system with a large amount of buildup or blockage as well as rate the condition of the sanitary sewer mains. The information obtained from televising will be used for future capital improvement planning.

The Township received three bids for this project. These bids are as follows:

Bidder	Amount
Perceptive Services & Operations	\$2.40 per foot/\$95,460.00
Advanced Underground	\$3.24 per foot/\$128,871.00
Plummers Environmental	\$2.38 per foot/\$94,664.50

SCOPE OF SERVICES

The scope of work for this project is as follows:

- Cleaning and televising of 39,775 feet of various diameter sanitary sewer mains

JUSTIFICATION

I recommend that the project be awarded to Plummers Environmental in the amount of \$94,664.50. This recommendation is based on the following factors:

- Contractor’s ability to complete the project as specified
- Cost
- Past experience with this contractor

The Township has worked with the Plummers Environmental on several projects and has very been pleased with the quality of their work and performance.

PROJECT IMPROVEMENTS

Board of Trustees goals addressed by this agreement (From Policy 1.0: Global End).

- 1. Community well-being and common good
- 2. Safety
- 3. Health
- 4. Natural Environment

COSTS

\$94,664.50

This amount will be paid from the Sanitary Sewer Fund account number 591-529-930.000 - Repairs, and is included in the 2017 budget.

PROJECT TIME TABLE

The project time table is as follows:

Commencing on or after June 30, 2017
 Completion by August 15, 2017

RESOLUTION

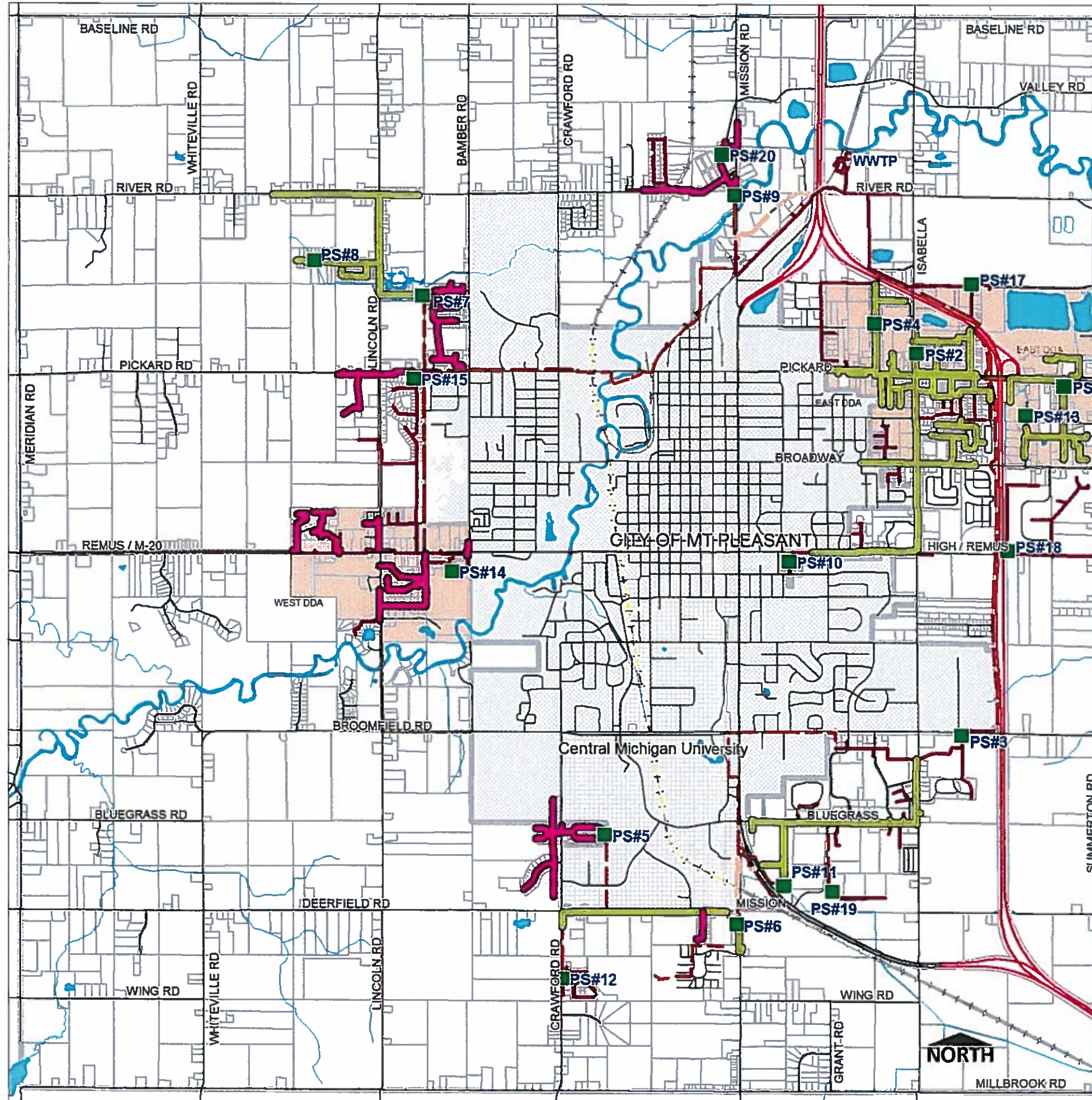
Approval of the bid from Plummers Environmental in the amount of \$94,664.50 to complete the cleaning and televising of 39,775 feet of sanitary sewer mains.

Resolved by _____ Seconded by _____

Yes:
No:
Absent:

Sanitary Sewer Cleaning & Televising: Charter Township of Union Isabella County, Michigan

Sum of Length in Feet: 39,775
To Clean & Televising in 2017



Sewer Cleaning & Televising

- Lift Station
- Sewer Main to Clean & Televising in 2017 (Approximately 39,775 feet)
- Sewer Main Cleaned & Televised (Cleaning & Televising Completed)
- Sewer Main
- - - Sewer Forcemain
- - - Abandoned Sewer Forcemain

- Road
- Highway
- Major Road
- River, Creek, or Drain
- Lake or Pond
- Township Parcel
- DDA Region
- Central Michigan University
- City of Mt. Pleasant

Map Production Date: March 31, 2017



2010 South Lincoln Road
 Mt. Pleasant, MI 48858
 989-772-4600 ext. 224 (phone)
 989-773-1988 (fax)
 ksmith@uniontownshipmi.com

Bid Tabulation Sheet

Project: 2017 Sewer Cleaning & Televising

Due Date: May 17, 2017 10:00 a.m.

Bidder	Bid Bond	Amount
Perceptive Services & Operations	yes	\$ 2.40 per foot, \$95,460. ⁰⁰
Advanced Underground	yes	\$ 3.24 per foot, \$128,871. ⁰⁰
Plumbers Environmental	yes	\$ 2.38 per foot \$ 94,664. ⁰⁰

Kim Smith 5-17-2017

John Bebau 5-17-2017

Bid Form

The undersigned having familiarized (himself/themselves) with the local conditions affecting the cost of the work and the Contract Documents, and hereby proposes to perform everything required to be performed and to provide and furnish all labor, materials, necessary tools, equipment, utility and transportation services necessary to perform and complete in a workmanlike manner all work required for sewer televising and cleaning in accordance with all local, state, and federal requirements, for the following unit prices:

Approximately 39,775 feet of various size sanitary sewer mains areas of which are included in Attachment A.

\$ Two dollars and Forty Cents per foot

(written)

Ninty Five Thousand Four Hundred Sixty and 00 /100 Dollars

RESPECTFULLY SUBMITTED:

Company Name Perceptive Service and Operations

Address 140 East Bridge St

City Plainwell ST mz Zip Code 49080

Area Code/Telephone Number 269 762 6999

Date 5-16-17

Fax _____

E-Mail RHall@PerceptiveSO.com

Authorized Signature 

Print of Type Name and Title Ryan Hall Account Manager

**CHARTER TOWNSHIP OF UNION
ISABELLA COUNTY, MICHIGAN
REQUEST FOR BID
SEWER TELEVISIONING AND CLEANING – FY 2017**

The Charter Township of Union is requesting sealed bids for sanitary sewer televising and cleaning services in conjunction with the Township's sanitary sewer inspection and cleaning program. Attached to the request for bid is a map (Attachment A) showing each area and estimated footage to be cleaned and televised.

Scope of Sanitary Sewer Inspection and Cleaning Program

The work under this contract involves cleaning and televising of approximately 39,775 feet of various diameters of sanitary sewer and producing records as detailed in the deliverables section.

The sewers to be televised are at various locations. See the attached map (Attachment A) for the currently anticipated locations. The quantities listed on the attachment should be considered estimates and may vary.

The Township reserves the right to stop cleaning and televising operations at any time if an excessive number of sewers are found to be in poor enough condition that collapses may occur.

Anticipated Project Schedule

- May 17, 2017 10:00 a.m. – Bids Due/Opened
- June 14, 2017 – Anticipated Award of Project by Charter Township of Union Board of Trustees
- August 7, 2017 – Project Completion within 45 days of signed contract
- August 30, 2017 – Deliverables due for all sanitary sewers identified in Attachment A

Bidding Notes

Traffic maintenance and signage must be in compliance with all local, state, and federal requirements and are the responsibility of the contractor.

Materials removed from the sanitary sewer will need to be disposed of at a location other than the Township's Waste Water Treatment Plant (WWTP), as we do not have a good way to process a large amount of material in this manner.

If the contractor wishes to conduct an onsite inspection of the areas to be cleaned and televised a time and date to complete this can be scheduled by contacting Kim Smith – Public Works Coordinator, Charter Township of Union 989-772-4600 ext. 224 or ksmith@uniontownshipmi.com. All onsite inspections must be completed by May 11, 2017 and must be scheduled at least 24 hours in advance.

Requirements - General:

- Work must comply with all applicable laws, regulations and attached specifications
- Contractor shall be responsible for obtaining all local regulatory permits (including fees) which may include Isabella County Road Commission and Michigan Department of Transportation (MDOT)

Advanced Underground Inspection LLC
38657 Webb Dr
Westland, Michigan 48185-1979

- Date of completion to be within 45 days of signed contract as coordinated with the DPW.
- Terms of Agreement:**

General:

- To hold bid open for 60 consecutive calendar days from the bid due date
- To enter into and execute a contract with Charter Township of Union

Insurance:

- Contractor will have Worker's Compensation Insurance in limits required by state law and Comprehensive General Liability Insurance coverage with a minimum of \$1,000,000 coverage naming the Charter Township of Union as covered as well as a completed W-9 will be required prior to issuing a Notice to Proceed for this project.

Bonds:

- The Contractor shall include in the proposal price the cost to provide the following:
 - Maintenance and Guarantee Bond in the amount of 50% of the proposal amount, guarantying for a period of one (1) year from final acceptance of the project work
 - Letter of Surety, licensed to do business in the State of Michigan, stating ability to obtain a Performance Bond, and Labor and Material Bond for 100% of the project amount

Deliverables

Notebook containing printed copies of the following:

- Summary sheet of manholes. Each summary sheet should contain only one street.
- Tabular and graphic reports of each section of sanitary sewer.

DVD(s) and thumb drive containing the following:

- Post-cleaning footage of the pipe sections
- Digital copies of the printed items

Indemnification

The Contractor shall save and hold harmless the Charter Township of Union and its employees from and against all claims, damages, losses, or expenses, including attorney's fees, arising out of or resulting from the performance of the work; provided that any such claim, damage, loss or expense is caused in whole or in part by any negligent or willful act of omission of the contractor, subcontractor, employee, or anyone under their direction. The Contractor shall at his/her own expense, defend any and all such actions and shall pay all attorney's fees, costs, and expenses pertaining thereto.

Submittal of Bids

Sealed bids and a 5% bid bond shall be submitted to the Charter Township of Union at 2010 S. Lincoln Road, Mt Pleasant, MI 48858 Attn. Kim Smith, Public Works Coordinator, by 10:00 am on May 17, 2017, 10:00 a.m. local time. It is anticipated that the contract for sanitary sewer televising and cleaning will be presented to the Township Board June 14, 2017.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any irregularities in the bidding.

The Bidder agrees that his/her bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receiving the bids.

Bid Form

The undersigned having familiarized (himself/themselves) with the local conditions affecting the cost of the work and the Contract Documents, and hereby proposes to perform everything required to be performed and to provide and furnish all labor, materials, necessary tools, equipment, utility and transportation services necessary to perform and complete in a workmanlike manner all work required for sewer televising and cleaning in accordance with all local, state, and federal requirements, for the following unit prices:

Approximately 39,775 feet of various size sanitary sewer mains areas of which are included in Attachment A.

\$ 3.24 per foot

THREE DOLLARS AND TWENTY FOUR CENTS PER FOOT
(written)

THREE DOLLARS and 24 /100 Dollars

APP TOTAL BASED ON FOOTAGE GIVEN= \$128,871.00

RESPECTFULLY SUBMITTED:

Company Name ADVANCED UNDERGROUND INSPECTION

Address 38657 WEBB DR

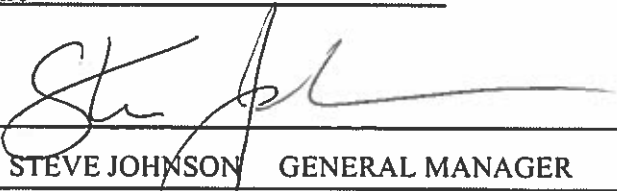
City WESTLAND ST MI Zip Code 48185

Area Code/Telephone Number 734-721.0081

Date 5/11/2017

Fax 734.721.0082

E-Mail stevejohnson3324@yahoo.com

Authorized Signature 
Print of Type Name and Title STEVE JOHNSON GENERAL MANAGER

Advanced Underground Inspection LLC
38657 Webb Dr
Westland, Michigan 48185-1979

**CHARTER TOWNSHIP OF UNION
ISABELLA COUNTY, MICHIGAN
REQUEST FOR BID
SEWER TELEVISIONING AND CLEANING – FY 2017**

The Charter Township of Union is requesting sealed bids for sanitary sewer televising and cleaning services in conjunction with the Township's sanitary sewer inspection and cleaning program. Attached to the request for bid is a map (Attachment A) showing each area and estimated footage to be cleaned and televised.

Scope of Sanitary Sewer Inspection and Cleaning Program

The work under this contract involves cleaning and televising of approximately 39,775 feet of various diameters of sanitary sewer and producing records as detailed in the deliverables section.

The sewers to be televised are at various locations. See the attached map (Attachment A) for the currently anticipated locations. The quantities listed on the attachment should be considered estimates and may vary.

The Township reserves the right to stop cleaning and televising operations at any time if an excessive number of sewers are found to be in poor enough condition that collapses may occur.

Anticipated Project Schedule

- May 17, 2017 10:00 a.m. – Bids Due/Opened
- June 14, 2017 – Anticipated Award of Project by Charter Township of Union Board of Trustees
- August 7, 2017 – Project Completion within 45 days of signed contract
- August 30, 2017 – Deliverables due for all sanitary sewers identified in Attachment A

Bidding Notes

Traffic maintenance and signage must be in compliance with all local, state, and federal requirements and are the responsibility of the contractor.

Materials removed from the sanitary sewer will need to be disposed of at a location other than the Township's Waste Water Treatment Plant (WWTP), as we do not have a good way to process a large amount of material in this manner.

If the contractor wishes to conduct an onsite inspection of the areas to be cleaned and televised a time and date to complete this can be scheduled by contacting Kim Smith – Public Works Coordinator, Charter Township of Union 989-772-4600 ext. 224 or ksmith@uniontownshipmi.com. All onsite inspections must be completed by May 11, 2017 and must be scheduled at least 24 hours in advance.

Requirements - General:

- Work must comply with all applicable laws, regulations and attached specifications
- Contractor shall be responsible for obtaining all local regulatory permits (including fees) which may include Isabella County Road Commission and Michigan Department of Transportation (MDOT)

- Date of completion to be within 45 days of signed contract as coordinated with the DPW.
- Terms of Agreement:**

General:

- To hold bid open for 60 consecutive calendar days from the bid due date
- To enter into and execute a contract with Charter Township of Union

Insurance:

- Contractor will have Worker's Compensation Insurance in limits required by state law and Comprehensive General Liability Insurance coverage with a minimum of \$1,000,000 coverage naming the Charter Township of Union as covered as well as a completed W-9 will be required prior to issuing a Notice to Proceed for this project.

Bonds:

- The Contractor shall include in the proposal price the cost to provide the following:
 - Maintenance and Guarantee Bond in the amount of 50% of the proposal amount, guarantying for a period of one (1) year from final acceptance of the project work
 - Letter of Surety, licensed to do business in the State of Michigan, stating ability to obtain a Performance Bond, and Labor and Material Bond for 100% of the project amount

Deliverables

Notebook containing printed copies of the following:

- Summary sheet of manholes. Each summary sheet should contain only one street.
- Tabular and graphic reports of each section of sanitary sewer.

DVD(s) and thumb drive containing the following:

- Post-cleaning footage of the pipe sections
- Digital copies of the printed items

Indemnification

The Contractor shall save and hold harmless the Charter Township of Union and its employees from and against all claims, damages, losses, or expenses, including attorney's fees, arising out of or resulting from the performance of the work; provided that any such claim, damage, loss or expense is caused in whole or in part by any negligent or willful act of omission of the contractor, subcontractor, employee, or anyone under their direction. The Contractor shall at his/her own expense, defend any and all such actions and shall pay all attorney's fees, costs, and expenses pertaining thereto.

Submittal of Bids

Sealed bids and a 5% bid bond shall be submitted to the Charter Township of Union at 2010 S. Lincoln Road, Mt Pleasant, MI 48858 Attn. Kim Smith, Public Works Coordinator, by 10:00 am on May 17, 2017, 10:00 a.m. local time. It is anticipated that the contract for sanitary sewer televising and cleaning will be presented to the Township Board June 14, 2017.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any irregularities in the bidding.

The Bidder agrees that his/her bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receiving the bids.

Bid Form

The undersigned having familiarized (himself/themselves) with the local conditions affecting the cost of the work and the Contract Documents, and hereby proposes to perform everything required to be performed and to provide and furnish all labor, materials, necessary tools, equipment, utility and transportation services necessary to perform and complete in a workmanlike manner all work required for sewer televising and cleaning in accordance with all local, state, and federal requirements, for the following unit prices:

Approximately 39,775 feet of various size sanitary sewer mains areas of which are included in Attachment A.

\$ 2.38 per foot

\$94,664.50
(written)

Ninety-Four Thousand, Six Hundred Sixty-Four and 50 /100 Dollars

RESPECTFULLY SUBMITTED:

Company Name Plummer's Environmental Services

Address 10075 Sedroc Industrial

City Byron Center ST MI Zip Code 49315

Area Code/Telephone Number 616-877-3930

Date 5-16-2017

Fax 616-877-3937

E-Mail jroot@plummersenv.com

Authorized Signature 

Print of Type Name and Title Jeff Root, Project Manager

REQUEST FOR TOWNSHIP BOARD ACTION

To: Mark Stuhldreher - Township Manager	DATE: June 5, 2017
FROM: Kim Smith – Public Works Coordinator	DATE FOR BOARD CONSIDERATION: June 14, 2017
ACTION REQUESTED: Request to award bid for 2017 Sanitary Sewer Pump Station #5 Bypass Manhole Rehabilitation to JJZ Contracting LLC in the amount of \$37,000.00.	

Current Action Emergency

Funds Budgeted: If Yes Account # 590-529-933.500 No N/A

Finance Approval _____

BACKGROUND INFORMATION

Pump Station #5, which is located on Concourse Drive, was constructed in the late 1970's. The bypass manhole and associated infrastructure is at and/or near its life expectancy. In particular the bypass manhole structurally leaks predominately a result of corrosion from hydrogen sulfide gasses. The internal piping located within the bypass manhole is also in need of replacement.

The Township received two bids for this project. These bids are as follows:

Bidder	Amount
Isabella Corporation	\$38,500.00
JJZ Contracting LLC	\$37,000.00

SCOPE OF SERVICES

The scope of work for this project is as follows:

- Removal of existing internal piping, fittings, and valves in the manhole and installation of new
- Removal and installation of the concrete lid, access hatch
- Bypass pumping
- Tree removal, debris removal
- Cleaning, patching, and waterproofing of manhole structure
- Restoration and cleanup of site

JUSTIFICATION

I recommend that the project be awarded to JJZ Contracting LLC in the amount of \$37,000.00. This recommendation is based on the following factors:

- Contractor's ability to complete the project as specified
- Cost
- Local Contractor

The Township has worked with the owners of JJZ Contracting LLC in the past and has been happy with their quality of work and performance.

PROJECT IMPROVEMENTS

Board of Trustees goals addressed by this agreement (From Policy 1.0: Global End).

1. Community well-being and common good
2. Safety
3. Health
4. Natural Environment

COSTS

\$37,000.00

This amount will be paid from the Sanitary Sewer Fund account number 590-529-933.500 Maint – Lift Stations, and is included in the 2017 budget.

PROJECT TIME TABLE

The project time table is as follows:

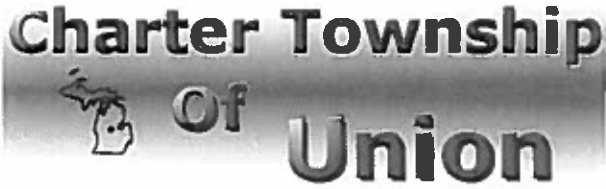
Commencing on or after June 30, 2017
Completion by August 1, 2017

RESOLUTION

Approval of the bid from JJZ Contracting LLC in the amount of \$37,000.00 to complete the required rehabilitation and repairs to sanitary sewer bypass manhole at pump station #5.

Resolved by _____ Seconded by _____

Yes:
No:
Absent:



2010 South Lincoln Road
 Mt. Pleasant, MI 48858
 989-772-4600 ext. 224 (phone)
 989-773-1988 (fax)
 ksmith@uniontownshipmi.com

Bid Tabulation Sheet

Project: 2017 – Station #5 Bypass Manhole Rehabilitation

Due Date: May 23, 2017 10:30 a.m.

Bidder	Bid Bond	Amount
Isabella Corporation	✓	\$ 38,500 ⁰⁰
JJZ Contracting LLC	✓	\$ 37,000 ⁰⁰

Kimberly Smith 5-23-2017

Angela Schafald 5-23-2017

REQUEST FOR PROPOSALS
SANITARY PUMP STATION #5 – Concourse Drive – Bypass Manhole Upgrades
Charter Township of Union, Isabella County

Proposals Due:

10:30 A.M., Tuesday May 23, 2017

Address Proposals to (Signed and Sealed: Mailed and/or Delivered):

Public Works Coordinator

Attention: Kim Smith
Charter Township of Union
2010 South Lincoln Road
Mt. Pleasant, MI 48858

Phone: 989-772-4600 ext 224

Email: ksmith@uniontownshipmi.com

Scope of Services:

The Charter Township of Union is soliciting bids from mechanical contractors to provide upgrades to the existing bypass manhole for the existing sanitary sewer pump station #5. The station is owned by the Charter Township of Union and operated / maintained by the Department of Public Works (DPW).

The station and associated infrastructure was constructed in the late 70's and at and/or near its' life expectancy. In particular the bypass manhole structurally leaks predominantly a result of leaking existing force main valve. The internal piping is also in need of replacement. The scope of work for this project is to remove the existing internal piping, fittings, and valves in the manhole and install new. The structural upgrades include removal and installation of the concrete lid, access hatch / manhole, debris removal, patching, and waterproofing. The information contained below are the specific qualifications each contractor must meet in order to provide an accurate proposal. A site location map, existing and proposed mechanical drawing and specifications are attached for reference.

Requirements - General:

- Work must comply with all applicable laws, regulations and attached specifications
- Contractor shall be responsible for obtaining all local regulatory permits (including fees) which may include plumbing and mechanical
- Date of completion to be within 30 days of signed contract as coordinated with the DPW.
- One (1) year warranty, from date of substantial completion against material defect and/or workmanship.

Terms of Agreement:

General:

- To hold bid open for 60 consecutive calendar days from the bid due date
- To enter into and execute a contract with Charter Township of Union

Insurance:

- Contractor will have Worker's Compensation Insurance in limits required by state law and Comprehensive General Liability Insurance coverage in force for all of its operations under this contract. A copy will be provided to Union Township prior to commencing work.

Bonds:

- The Contractor shall include in the proposal price the cost to provide the following:
 - Maintenance and Guarantee Bond in the amount of 50% of the proposal amount, guarantying for a period of one (1) year from final acceptance of the project work
 - Letter of Surety, licensed to do business in the State of Michigan, stating ability to obtain a Performance Bond, and Labor and Material Bond for 100% of the project amount.

Shop Drawing Submittals:

- Provide four (4) copies of material specification sheets and warranty information to the DPW. Do not proceed until written approval is received.
- Coordinate all work with DPW

Services / materials to be Provided:

Contractor shall provide all equipment and materials as necessary to complete the work outlined above. They shall include, but are not limited to, the following not stated previously:

- Mobilization, site restoration and cleanup
- Disposal of existing equipment to be removed at the direction of the DPW
- Coordination of delivery and unloading of new equipment
- Pump/Clean and Haul (Bypass) Pumping. No disruption of sewer service to customers. Station current peak hour flows experienced of 150 gallons per minute
- Temporary Power Supply (as applicable)
- Site Tree Removal/Trimming
- Piping, valving, fittings, and appurtenances as necessary to accommodate upgrades
- Final Inspection

Services / Materials Not To Be Included:

- Site accessibility (provided by owner)

Contractors Proposal Form

Bidders are instructed to submit bids for this project on a lump sum basis with adjustments for footage and materials more or less as stated in the Proposal.

All bid items are tax inclusive. All work shall be in compliance with specifications, terms identified in the RFP and applicable laws.

Bypass Manhole Upgrades

1. Mobilization	\$ 2,000.00
2. Pump and Haul (Bypass Pumping)	\$ 2,500.00
3. Cleaning / Patching / Waterproofing Manhole	\$ 8,500.00
4. Internal Mechanical Removal / Replacement	\$ 21,000.00
5. Restoration / Cleanup	\$ 3,000.00

Total Lump Sum Fee \$ 37,000.00



Bidders Signature
Jeremy Zalud - Owner

Printed Name:
JJZ Contracting, LLC

Business Name:
8814 East Blanchard Road, Shepherd, MI 48858

Address:

MI Contractor License No.:
989-330-1055

Telephone:
jjzcontractingllc@gmail.com

Email:

Charter Township of Union reserves the right to accept or reject any or all proposals.

REQUEST FOR PROPOSALS
SANITARY PUMP STATION #5 – Concourse Drive – Bypass Manhole Upgrades
Charter Township of Union, Isabella County

Proposals Due:

10:30 A.M., Tuesday May 23, 2017

Address Proposals to (Signed and Sealed: Mailed and/or Delivered):

Public Works Coordinator

**Attention: Kim Smith
Charter Township of Union
2010 South Lincoln Road
Mt. Pleasant, MI 48858**

Phone: 989-772-4600 ext 224

Email: ksmith@uniontownshipmi.com

Scope of Services:

The Charter Township of Union is soliciting bids from mechanical contractors to provide upgrades to the existing bypass manhole for the existing sanitary sewer pump station #5. The station is owned by the Charter Township of Union and operated / maintained by the Department of Public Works (DPW).

The station and associated infrastructure was constructed in the late 70's and at and/or near its' life expectancy. In particular the bypass manhole structurally leaks predominantly a result of leaking existing force main valve. The internal piping is also in need of replacement. The scope of work for this project is to remove the existing internal piping, fittings, and valves in the manhole and install new. The structural upgrades include removal and installation of the concrete lid, access hatch / manhole, debris removal, patching, and waterproofing. The information contained below are the specific qualifications each contractor must meet in order to provide an accurate proposal. A site location map, existing and proposed mechanical drawing and specifications are attached for reference.

Requirements - General:

- Work must comply with all applicable laws, regulations and attached specifications
- Contractor shall be responsible for obtaining all local regulatory permits (including fees) which may include plumbing and mechanical
- Date of completion to be within 30 days of signed contract as coordinated with the DPW.
- One (1) year warranty, from date of substantial completion against material defect and/or workmanship.

Terms of Agreement:

General:

- To hold bid open for 60 consecutive calendar days from the bid due date
- To enter into and execute a contract with Charter Township of Union

Insurance:

- Contractor will have Worker's Compensation Insurance in limits required by state law and Comprehensive General Liability Insurance coverage in force for all of its operations under this contract. A copy will be provided to Union Township prior to commencing work.

Bonds:

- The Contractor shall include in the proposal price the cost to provide the following:
 - Maintenance and Guarantee Bond in the amount of 50% of the proposal amount, guarantying for a period of one (1) year from final acceptance of the project work
 - Letter of Surety, licensed to do business in the State of Michigan, stating ability to obtain a Performance Bond, and Labor and Material Bond for 100% of the project amount.

Shop Drawing Submittals:

- Provide four (4) copies of material specification sheets and warranty information to the DPW. Do not proceed until written approval is received.
- Coordinate all work with DPW

Services / materials to be Provided:

Contractor shall provide all equipment and materials as necessary to complete the work outlined above. They shall include, but are not limited to, the following not stated previously:

- Mobilization, site restoration and cleanup
- Disposal of existing equipment to be removed at the direction of the DPW
- Coordination of delivery and unloading of new equipment
- Pump/Clean and Haul (Bypass) Pumping. No disruption of sewer service to customers. Station current peak hour flows experienced of 150 gallons per minute
- Temporary Power Supply (as applicable)
- Site Tree Removal/Trimming
- Piping, valving, fittings, and appurtenances as necessary to accommodate upgrades
- Final Inspection

Services / Materials Not To Be Included:

- Site accessibility (provided by owner)

Contractors Proposal Form


Bidders are instructed to submit bids for this project on a lump sum basis with adjustments for footage and materials more or less as stated in the Proposal.

All bid items are tax inclusive. All work shall be in compliance with specifications, terms identified in the RFP and applicable laws.

Bypass Manhole Upgrades

1. Mobilization	\$ 2,000.00
2. Pump and Haul (Bypass Pumping)	\$ 2,500.00
3. Cleaning / Patching / Waterproofing Manhole	14,000.00
4. Internal Mechanical Removal / Replacement	\$ 18,500.00
5. Restoration / Cleanup	\$ 1,500.00

Total Lump Sum Fee **\$ 38,500.00**



 Bidders Signature
 James Zalud

 Printed Name:
 The Isabella Corporation

 Business Name:
 2201 Commerce St., Mt. Pleasant, Michigan 48858

 Address:

 MI Contractor License No.:
 (989) 772-5890

 Telephone:
 jzalud@isbellacorporation.com

 Email:

Charter Township of Union reserves the right to accept or reject any or all proposals.

To: Mark Stuhldreher - Township Manager **DATE:** June 5, 2017
FROM: Kim Smith – Public Works Coordinator **DATE FOR BOARD CONSIDERATION:** June 14, 2017
ACTION REQUESTED: Request to award bid for 2017 Well #1 Replacement to Peerless Midwest in the amount of \$76,655.00.

Current Action Emergency

Funds Budgeted: If Yes Account # 591-536-933.100 No N/A

Finance Approval _____

BACKGROUND INFORMATION

Well #1, which is located at the Isabella Well Site, was drilled in the late 1980’s. This well has a pumping capacity of 400 gpm and works in conjunction with two other wells located at this site. This well and associated well equipment is at and/or near its life expectancy. In particular this well is currently working with a repair.

The Township received three bids for this project. These bids are as follows:

Bidder	Amount
Raymer Water Supply Contractors	\$82,500.00
Northern Pump and Well	\$122,990.00
Peerless Midwest	\$76,655.00

SCOPE OF SERVICES

The scope of work for this project is as follows:

- Phase I - Exploratory Drilling & Preliminary Aquifer Investigation
- Phase II - Type 1 Water Well & Aquifer Analysis
- Phase III - Permanent Pumping Equipment
- Phase IV - Well #1 Abandonment

JUSTIFICATION

I recommend that the project be awarded to Peerless Midwest in the amount of \$76,655.00. This recommendation is based on the following factors:

- Contractor’s ability to complete the project as specified
- Cost
- Past experience with this contractor

The Township has worked with the Peerless Midwest in the past and has been happy with their quality of work and performance.

PROJECT IMPROVEMENTS

Board of Trustees goals addressed by this agreement (From Policy 1.0: Global End).

1. Community well-being and common good
2. Safety
3. Health

COSTS

\$76,655.00

This amount will be paid from the Water Fund account number 591-536-933.100 Maint – Water Wells, and is included in the 2017 budget.

PROJECT TIME TABLE

The project time table is as follows:

Commencing on or after July 30, 2017
Completion by November 1, 2017

RESOLUTION

Approval of the bid from Peerless Midwest in the amount of \$76,655.00 to redrill Well #1 located at the Isabella Well Site.

Resolved by _____ Seconded by _____

Yes:
No:
Absent:



2010 South Lincoln Road
 Mt. Pleasant, MI 48858
 989-772-4600 ext. 224 (phone)
 989-773-1988 (fax)
 ksmith@uniontownshipmi.com

Bid Tabulation Sheet

Project: 2017 - Well #1 Replacment

Due Date: June 2, 2017 2:00 p.m.

Bidder	Bid Bond	Amount
Raymer		\$ 82,500
Northern Pump ² Well		\$ 122,990
Peerless		\$ 76,655

Kimberly Smith 6-2-2017
Shawn McBride 6-2-2017



water supply contractors

Raymer

1357 Comstock St.

Marne, MI 49435

(616) 677-2751

Fax (616) 677-2909

June 2, 2017

Charter Township of Union
2010 S. Lincoln Rd.
Mt. Pleasant, MI 48858

Gentlemen,

Following please find our bid for Well 1 Replacement (Well 11)

Sincerely,

A handwritten signature in blue ink, appearing to read "G. Neubecker", written over a horizontal line.

Gerry Neubecker
C.S. Raymer Co, Inc.

Bid Table:

Item	Cost
Test Drilling to 100 ft	\$ 2000.00
Gamma Logging Test Boring	\$ 2000.00
Phase I Total:	\$ 4000.00 ✓
Mobilization	\$ 4000.00
12" Well per the specifications w/development	\$ 30000.00
Two(2) 4" Monitoring Wells	\$ 6000.00
Well Testing (aquifer test, step test)	\$ 8000.00
Aquifer Analysis by Professional Geologist and submittal	\$ 7500.00
Phase II Total:	\$ 55500.00 ✓
Act 399 permit, stamped by a professional engineer.	\$ 2500.00
Pumping equipment (pump, motor, wire, drop pipe, check valve and fittings)	\$ 15000.00
Move 12" Pitless Adapter	\$ 3000.00
Phase III Total:	\$ 20500.00 ✓
Abandon Well 1	\$ 2500.00
Phase IV Total	\$ 2500.00 ✓
	\$ 82500.00 ✓ 67
Unit Prices for Additional Work:	
12" well drilling	\$ 150.00
12" well screen (add/deduct) per foot	\$ 295.00
Test boring (add/deduct) per foot	\$ 25.00

Number of Years in Business Under the Same Company Name: 127

Subcontracted Services: none

Municipal Well References (12" and larger) (Name, water system name, project description, phone number):

1. City of Mt. Pleasant 989-779-5400

2. City of Ewart 231-734-5793

3. City of Clare 989-386-2321

4. City of Cadillac 231-775-0181

5. Village of Marion 231-743-6801

Statement of Qualifications:



1357 COMSTOCK ST. MARNE, MI. 49435 616-677-2751 FAX 616- 677-2909

STATEMENT OF QUALIFICATIONS

RAYMER CO. INC. HAS OVER 125 YEARS IN THE WELL DRILLING / WATER SUPPLY BUSINESS. OUR STAFF AND EQUIPMENT IS AMONG THE TOP IN THE NATION. WE ARE MEMBERS OF THE NATIONAL GROUND WATER ASSOCIATION, THE MICHIGAN GROUND WATER ASSOCIATION, THE MICHIGAN RURAL WATER ASSOCIATION, THE GROUND WATER INSTITUTE, OPERATING ENGINEERS LOCAL # 324 AND MAINTAIN A STRONG SENSE OF PRIDE IN OUR WORK. WE DESIGN AND DRILL HUNDREDS OF WATER WELLS EACH YEAR. WE ARE VERY DIVERSIFIED, DRILLING TEST AND PRODUCTION WELLS FOR MUNICIPAL, INDUSTRIAL, ENVIRONMENTAL, MONITORING, IRRIGATION AND RESIDENTIAL PURPOSES. WE ALSO INSTALL AND SERVICE VERTICAL LINESHAFT TURBINE AND SUBMERSIBLE PUMPS OF ALL SIZES.

Northern Pump & Well, Inc.
6837 W. Grand River Avenue
Lansing, MI 48906

BID PROPOSAL
FOR
WELL 1 REPLACEMENT (WELL 11)

For

The Charter Township of Union

Union Township Hall

2010 South Lincoln Road

Mount Pleasant MI 48858

June 2nd, 2017

Bid Table:

Item	Cost
Test Drilling to 100 ft	\$ 7,500.00
Gamma Logging Test Boring	2,650.00
Phase I Total:	10,150.00 ✓
Mobilization	3,000.00
12" Well per the specifications w/development	50,000.00
Two(2) 4" Monitoring Wells	15,000.00
Well Testing (aquifer test, step test)	10,000.00
Aquifer Analysis by Professional Geologist and submittal	9,000.00
Phase II Total:	84,000.00 ✓
Act 399 permit, stamped by a professional engineer.	1,000.00
Pumping equipment (pump, motor, wire, drop pipe, check valve and fittings)	18,340.00
Move 12" Pitless Adapter	5,000.00
Phase III Total:	25,340.00 ✓
Abandon Well 1	3,500.00
Phase IV Total	3,500.00 ✓
Unit Prices for Additional Work:	
12" well drilling	100.00
12" well screen (add/deduct) per foot	300.00
Test boring (add/deduct) per foot	50.00

Number of Years in Business Under the Same Company Name: 7 +

Subcontracted Services: Engineering services - see accompanying
pages

Municipal Well References (12" and larger) (Name, water system name, project description, phone number):

1. City of Sebawaing, Well No. 4, 12" replacement well for No. 2
(989) 977 - 2700 Sebawaing Light & Water

2. Village of Fowlerville, Well 14, new 16" well
(517) 223 - 3771 Village office

3. General Motors, 008, new 12" well
(313) 843 - 8000 Ideal Contracting, engineering firm

4. City of Mason, Well 9, new 12" well
(517) 676 - 1319

5. City of Clinton, well 5, new 12" well
(517) 456 - 7494

6. City of Yale, Production well, replacement 12" well

Statement of Qualifications:

Management & Sales

- >Dale Stewart, Owner/President/CEO 30+ yrs. experience in Commercial/Municipal Water Supply
- >John Kingman, Sales Representative 30 yrs. experience, specializing in Technical Skills, Pump & Well Maintenance & Repair, MI Licensed Pump Installer
- >Kirt Moore, Project Manager/Sales 35 yrs. experience in Commercial Water Supply, specializing in Commercial Water Well Drilling, NGWA Certified
- >David Stinson, Sr. Sales Representative 39 yrs. experience in Commercial Water Supply sales, specializing in Chemical Feed Systems.
- >Johnie Wyatt, Sales Representative 48 yrs. experience in Commercial Water Supply, specializing in Commercial Water Well Drilling

Field Personnel

- >Tom 33 years, specializing in Filtration Remediation
- >Andrew 32 years, Drilling Helper, Pump & Well Maintenance & Repair, Filtration, Field Foreman
- >Gordon 28 years, Drillers License, Pump & Well Maintenance & Repair, Field Foreman
- >Martin 6 years, Pump & Well Maintenance & Repair, Annual Inspections, Estimator
- >Joseph 5 years, Pump & Well Maintenance & Repair, Filtration, Contractors License, Field Foreman

Shop Personnel

- >Jeff 35 years, Journeyman - Machinist

* Our field personnel are OSHA 30 certified/CPR Trained & Certified and fully qualified to:

- >Operate our fleet of crane vehicles to pull, remove and reset pumps, motors & piping
- >Perform well cleaning operations by double-disk, air-lifting and other means
- >Transport, handle & use well-cleaning chemicals in a safe & responsible manner and as required by state and / or federal regulations
- >Conduct well & pump efficiency tests and accurately document observations: discharge readings, video logging & pump controls
- >Control & isolate water discharge so as to avoid erosion or contamination



May 31, 2017

Department of Public Works
Charter Township of Union
2010 S Lincoln Road
Mount Pleasant, MI 48858

RE: RFP Well # 1 Replacement

Northern Pump & Well (NPW) submitted a letter of inquiry, dated 5/15/2017, regarding the qualification requirements of potential contractors, submitting bids to the above-listed RFP. This letter was addressed to the Publics Works Coordinator Kim Smith. In her response, Ms. Smith requested NPW provide the following information regarding the geologist that NPW would utilize for this project:

Name: Daniel Whalen, P.E.

Credentials: See accompanying resume

Past partnered projects, include

- Oxford Township, Annual Environmental Aquifer Analysis & Report, 2013 to present
- Village of Oxford, Annual Environmental Aquifer Analysis & Report, 2012 to present
- Lansing Board of Water & Light, Groundwater Resource Evaluation, new well site, 2017
- Lansing Charter Township, Site Mapping for new Production Well, 2015
- City of Croswell, Water Treatment Plant, building design / system layout, 2014
- Village of Fowlerville, Groundwater Resource Evaluation for Test-Production Well, 2012
- Gun River Mobile Home Estates (East & West), Groundwater Resource Evaluations, 2012
- City of Sandusky, Wells No. 3 and No. 6 Performance Analyses, 2011 & 2013
- Washington Mobile Home Park, Groundwater Analysis for Type I Production Well, 2011

Regarding the project for Union Township, Mr. Whalen would be responsible for the Gamma Logging of the Test Bore, Aquifer Analysis / Submittal and the review / approval of Phase II Act 399 permit application (prior to submitting to MDEQ).

Ms. Smith's response letter also requested a list of experience, by years and type, of the individuals in the company that will be responsible for this project. For this, NPW is pleased to submit the list under the RFP section "Statement of Qualifications" (listed as page 9). Equally, NPW stands ready to answer any additional questions or provide additional references, as needed.

DANIEL J. WHALEN, PE

Education

- B.S., Geological Engineering, Michigan Technological University, 1985

Registrations

- Registered Professional Engineer – Michigan

Professional Affiliations

- National Water Well Association
- National Ground Water Association-Association of Groundwater Scientists and Engineers
- American Geophysical Union - Water Resources Research
- Michigan Rural Water Association

Professional Summary

As senior geological engineer, Mr. Whalen is responsible for the planning, organization, and coordination of hydrogeological investigations and groundwater resource evaluations. His knowledge and 24 years of experience encompass a diversity of technical subjects, which include geology, hydrogeology, field geophysics, numerical and analytical analysis, and engineering. Each of these areas of expertise has been extensively applied to a variety of groundwater-related projects over most of Michigan. Mr. Whalen has earned a regional reputation for his skill in the cost-effective completion of wellhead protection work, and for his work pertaining to groundwater resource development and groundwater resource management for water supplies.

Professional Experience

Groundwater Resource Evaluation

Various Communities, MI

Project Manager

A typical groundwater resource evaluation consists of a number of steps. Initially, the local geology is interpreted and potential groundwater systems are located using geologic cross-sections constructed from local well logs. Various test well drilling sites are selected based upon this mapping. Production wells and observation wells are then sited and drilling begins. The well construction is observed and recorded to verify the well is built according to MDNRE specifications. A 24- to 72-hour aquifer test is conducted and the results are

analyzed and interpreted using the appropriate analytical method. The results of the aquifer test are then used as the basis for determining the maximum allowable pumping rate, the number of wells required, the wellfield layout, and the size of the pump. A detailed report of the completed groundwater resource evaluation is written and submitted to the client and the supervisory agency for final approval. A partial list of the most recent groundwater resource evaluations were performed for the following communities and clients:

- Village of Clinton
- Kent County Drain Commission
- City of Clare
- Township of Big Rapids
- City of East Jordan (for Moore & Bruggink)
- Village of Sheridan
- West Shore Community College
- Village of Capac
- City of Rochester
- Waterford Township
- City of Jackson
- Village of Elsie
- City of Sturgis
- City of Reed City
- Village of Berrien Springs
- Village of Kaleva
- City of Buchanan
- City of Manistee
- City of Ishpeming
- Village of Dryden
- Lyon Township
- Village of Perry
- Village of Freeport
- Village of Springport
- Village of Perrinton
- City of South Lyon
- Dorr-Leighton Township Water Authority
- City of Cheboygan (for Granger & Associates)
- City of South Lyon
- Camp Pugsley (Dept. of Corrections)
- City of Bronson
- City of Adrian
- Village of Ubly
- Township of Groveland
- Village of Sparta (for Moore & Bruggink)
- City of Marlette
- Laprino Foods Company
- City of Rockford (for OMM)
- Township of Ada
- Village of Sand Lake
- Pere Marquette Township
- Foremost Corporation
- Yankee Springs Township
- Village of Pentwater
- City of Negaunee
- City of Wayland
- Filer Township
- Village of Camden
- Village of Middleville
- Village of Breckenridge
- City of Montague
- Village of Edmore
- Village of Ravenna (for OMM)
- Camp Waterloo
- Village of Howard City (for Moore & Bruggink)
- City of Eaton Rapids (for Raymer Company)

**Groundwater Resource Evaluation
(cont'd)**

- Village of Dexter
(for OHM Engineering)
- Village of Armada
(for Rowe Inc.)
- Village of Howard City
- Village of Concord
- Leoni Township
- Numerous private subdivisions
- City of Montague
(for Raymer Company)
- City of Whitehall
(for Raymer Company)
- Marion, Howell, Oceola, and
Genoa Townships
(for Raymer Company)

Wellhead Protection Area Delineation

**Various Communities, MI
Project Manager**

Delineation of a wellhead protection area is based on three main elements: the size and extent of the aquifer, the hydraulic characteristics of the aquifer, and the potentiometric surface of the aquifer. Mapping of the location and extent of the aquifer is performed on the basis of local well logs, and typically extends from three to five miles from the wellfield. The hydraulic characteristics of the aquifer are determined through aquifer testing. Finally, the potentiometric surface of the aquifer is mapped by locating area wells, measuring the depth to the water surface within the wells, and surveying the wells for location and elevation. A groundwater flow model is constructed based on the geology and the hydraulic characteristics of the aquifer. The model is verified using the measured water levels. The calibrated model is then used to predict the effect of pumping at the wellfield on the potentiometric surface. Reverse particle tracking is conducted over the “stressed” water surface for a period of 10 years to determine the wellhead protection area. The summary of the above is compiled in a detailed written report and submitted to the client and the MDNRE for review and final approval. Williams & Works has performed wellhead protection area delineations for the following communities:

- City of Manistee
- Filer Township
- Village of Edmore
- Leoni Township
- Blackman Township
- Village of Grass Lake
- Village of Napoleon
- Lake Bella Vista
Improvement Association
- Village of Berrien Springs
- City of Sturgis
- Village of Springport
- Village of Sparta
- Lyon Township
- Lake Bella Vista Improvements
Association
- City of Jackson
- Village of Kaleva
- City of Wayland
- Summit Township
- Village of Concord
- Village of Middleville
- Village of Parma
- Amberton Village -
private subdivision
- City of Portage
- City of Bronson
- Southern Michigan State Prison
- City of East Jordan
- Pere Marquette Township

**Regional Aquifer Evaluation
Various Counties, MI**

Performed a variety of baseline regional aquifer evaluations in order to provide target-drilling locations for new municipal water supplies. Studies led to the selection, test well drilling, and ultimately the installation and development of production well sites.

**Well and Pump Performance Evaluation
Various Counties, MI**

Evaluated various communities existing well and pump performance. The well and pump testing generally led to recommendations and procedures for well reconditioning and pump repairs or well system and pump management programs.

**Geophysical Surveys
Various Communities**

The extents and groundwater flow characteristics of aquifers were explored by using a combination of geophysical techniques. These include: resistivity profiling, resistivity sounding, very low frequency (VLF), magnetics, resistivity azimuthal surveys, and borehole geophysics (long and short normal resistivity, SP, gamma, flow metering, and temperature logging).

Publications and Presentations

Whalen, Daniel J, Jackson County-wide Wellhead Protection Area Delineation, Michigan Section American Water Works Association Annual Conference, Harbor Springs, Michigan, 2005.

Whalen, Daniel J, The Jackson County Community Wellhead Protection Program, Michigan Section, American Water Works Association Annual Conference, Shanty Creek, Michigan, 2003.

Whalen, Daniel J. and Johnson, Gregory A., Groundwater Modeling - A Management Tool, proceedings at the American Society of Civil Engineers engineering hydrology symposium and national conference on hydraulic engineering, Williamsburg, Virginia, 1997.

Whalen, Daniel J., Wellhead Protection, *American City and County*, Vol. 107, No. 7, 1992.

Whalen, Daniel J. and Callery, Theresa J., Wellhead Protection Requirements and Compliance, Michigan Section, American Water Works Association Annual Conference, 1991, Shanty Creek, MI.

Whalen, Daniel J., The Use of Models in Groundwater Management, Proceedings American Water Works Association, Chesapeake Section Annual Meeting, October, 1987, Annapolis, Maryland.

REQUEST FOR PROPOSALS

TYPE I WATER WELL

Well 1 Replacement (Well 11)

East Side Iron Removal Facility
Union Township, Isabella County

Proposals Due:

2:00 P.M. Friday, June 2, 2017

Address Proposals to:

Charter Township of Union
Attn: Kim Smith, Public Works Coordinator
2010 S. Lincoln
Mt. Pleasant, MI 48858
(989) 772-4600, Ext 224

Request to Bid:

Northern Well and Pump
Attention: Dale Stewart
Layne Christensen Co.
Attention: Ted Batkie
Peerless Midwest, Inc.
Attention: Bob Masters
Raymer Well Drilling
Attention: Gerry Neubecker

Scope of Services:

Union Township is requesting a proposal to construct a Type I Water Well to replace the existing Well 1 at the East Side Iron Removal Treatment Facility located off of Isabella Road in Union Township, Isabella County. The proposed well shall be capable of producing up to 400 gpm and include a pilot boring for design of the well. The information contained below are the specific qualifications each well driller must meet in order to provide an accurate proposal. The owner reserves the right to accept or reject all bids that are received.

Background Information:

The existing East Side Iron Removal Facility is owned and operated by Union Township and provides municipal water service to the customers within the Township. The facility operates on two (2) 400 gpm production wells (Wells #1 and #10) and one (1) 700 gpm well (Well #7), provides iron removal treatment utilizing one (1) 400 gpm gravity and one (1) 1,200 gpm pressure iron removal filter and then distributes water out to system. Wells #1 and #2 were both drilled and pump tested in 1987 by Layne Northern. Well 7 was drilled and pump tested by Peerless Midwest in 2008. Results of the aquifer analysis demonstrated that the aquifer was variable, with Well #1 operating hydraulically under artesian conditions and Wells #10 and #7 under water table conditions and both receive their recharge from vertical leakage and natural flow. Based upon the well development and testing of the three (3) wells it was determined that Wells #1 and #10 both could operate simultaneously at a combined rate of 800 gpm for extended emergency periods of time along with Well 7 at 700 gpm. During extended

demonstrated that a replacement well for Well #1 can be developed at the existing East Side well site either in the same aquifer as the existing wells or in a deeper aquifer and that this well field will be capable of meeting the proposed operation / capacity requirements described previously or greater. The well driller will be responsible to determine the best depth of the proposed well that will be able to provide the most flow capacity without impeding the existing Well #10 or #7, nor regional water levels. Due to the size of the proposed well, historic records of the existing aquifer and confined site conditions, exploration and preliminary testing is needed. This is to be accomplished in four (4) phases. The first phase will include obtaining MDEQ approval and the installation of one (1) pilot boring. The second phase will complete the construction of two(2) monitoring wells and a large diameter 12" Type I Well, yield and drawdown testing compliant with the MDEQ requirements. Since the results of Phase I shall determine whether Phase II, III and IV proceeds, it is the intent of the owner to request that the bids being submitted encompass the scope of work for all Phases separately. Findings of Phase I shall assist to determine the feasibility of completing Phase II, III and IV.

Phase I – Exploratory Drilling and Preliminary Aquifer Investigation

Test Boring

- The contractor shall meet on site with the MDEQ area engineer and the owner to obtain approval for the test boring site. They shall then proceed with Installation of one (1) pilot hole with the purpose to sample and log existing geological conditions. The bore shall be used as an aid to assist the well driller with determining depth of proposed test well. Contractor can assume the pilot boring shall be located within 50 feet of Well #1.
- The test boring shall be logged with a continuous gamma logger at 0.10' intervals for purposes of determining the quality and clay content of the formation.
- Test boring shall be abandoned with neat cement grout.

Phase II – Type I Water Well & Aquifer Analysis

*****Note*****

The results of Phase I shall determine the advancement to Phase II. The driller shall not advance to Phase II without authorization from owner.

Test/Permanent/Monitoring Well Construction

Contractor shall be responsible for obtaining MDEQ approval for construction of the large diameter test/permanent well. This may include water withdrawal assessment determination, construction permit and the stamp of a professional engineer. All costs of which shall be included by the contractor.

Installation of one (1) test well capable of producing up to 400 gallons per minute (gpm). The contractor shall be ultimately responsible for determining the screen slot size. For the purposes of this bid, basic assumptions of depth and diameter have been provided for comparative purposes. The test well shall be used to verify water quality and aquifer capacity to meet proposed operation conditions for facility. This well shall be converted to production well

upon demonstrating satisfactory results. The well shall be constructed in accordance with the State of Michigan Well Construction Code (Rules to Part 127 of Act 368 of the Public Acts of 1978, as amended). All materials in contact with drinking water shall meet ANSI/NSF approval and shall include the following:

- 12" Steel well casing and be installed in the following manner:
 - Driller shall be responsible for determining slot size of well screen and submit to owner for review prior to installation.
 - Casing shall be welded joint
 - **Casing shall be SCH 80 wall thickness**

- Stainless steel screen
 - Driller shall be responsible for determining slot opening size and submit to owner for review prior to installation.
 - Screen shall be continuous wire wrapped well screen
 - Entrance velocity shall not exceed 0.1 fps
 - Screen shall be 12" full diameter, no telescoped screen
 - Screen shall be threaded welded to bottom of casing
 - Assume 10 feet of well screen for bid purposes

- Neat cement grout from within 5 ft of the top of screen to 5 feet below grade to allow for installation of a pitless adapter.

- No organic drilling additives shall be used and the contractor agrees by submitting a bid to have all vehicles, equipment and materials brought on site searched, inspected and or tested, whether in plain site or in containers of any type.

- Well protective cap, such as a piece of steel welded on until a pump is installed

- Two(2) Monitoring wells shall be 4" pvc with neat cement grout and 10 feet of stainless steel 4" well screen. Include developing the monitoring wells with air lift.

Well Driller shall be responsible for performing the following, in addition to the work outlined above in the Well Construction section:

- Mobilization
- Performance of well construction logs and static water including documentation provided to owner in accordance with the state DEQ Well Code.
- Development of wells including conducting a well capacity test at various discharge Rates (8 hour step test) to demonstrate ample capacity and influence on adjacent (Wells #10 And #7) and regional water levels (Mount Pleasant City Wells are approximately 1 mile west at the intersection of Mission / Deerfield Road) as required by MDEQ.
 - Driller shall be responsible for monitoring static water levels in any existing monitoring wells and proposed well with respect to capacity test. Use of Wells #1 nor #10 as monitoring wells is not an option because they will be in use by Township.
 - Documentation of all testing and water level observations shall be provided to owner

- Driller shall be responsible for discharging water to acceptable location that will not cause any soil erosion or sedimentation up to 400 feet away.
- Chemical and radiological water quality sampling (Unit 37 plus radiological) shall be performed for proposed well in accordance the state DEQ Well Code including documentation of results to owner. Two bacteria samples, at least 24 hours apart shall be collected during the testing and development of the large diameter well. Contractor is responsible for chlorinating the well to obtain two good samples. Bacteria samples shall be collected in the presence of the owner and shall be submitted to the owner for analysis at their chosen lab. Contractor should not include any cost for bacteria samples.
 - All costs incurred with the sampling and testing shall be the drillers' responsibility, except bacteria samples.

Well Construction

Conversion of test well to production well capable of producing up to 400 gallons per minute (gpm) and two(2) monitoring wells to similar depths of the first well (Phase I) within the same aquifer, as directed by MDEQ. All work shall be conducted in accordance with the State of Michigan Well Construction Code (Rules to Part 127 of Act 368 of the Public Acts of 1978, as amended). All materials in contact with drinking water shall meet ANSI/NSF approval and shall include the following:

Aquifer Test

Well Driller shall be responsible for performing the following, in addition to the work outlined above in the Well Construction section:

- Mobilization
- Providing all test pumping equipment including pump, discharge, flow measurement devices, power supply and fuel.
- Driller shall be responsible for discharging water to acceptable location that will not cause any soil erosion or sedimentation ~500 feet away.
- Quantity and location of monitoring wells used for observation shall be under the direction of the MDEQ
- Submit well construction logs and static water levels including documentation provided to owner in accordance with the state DEQ Well Code.
- Development of well to demonstrate ample capacity and influence on adjacent (Wells #10 and #7) and regional water levels (Mount Pleasant City Wells are approximately 1 mile west at the intersection of Mission / Deerfield Road) as required by MDEQ. Development of wells shall include conducting yield and drawdown testing 72-hour continuous pump testing and recovery for unconfined aquifer. In accordance with state DEQ Well Code and Aquifer Test Requirements for Public Type I wells.
- An aquifer analysis and report shall be completed in accordance with DEQ well code and aquifer test requirements for Public Type I wells. The analysis shall be completed by a professional geologist and submitted to MDEQ.
- Water levels during the aquifer test shall be monitored with pressure transducers accurate to 1/100th of a foot.
- Water levels collected by hand measuring devices or airline will not be accepted.

- It is the contractor's responsibility to obtain an approved aquifer test or repeat the test at no additional cost to the Township.

Equipment

Driller shall provide all equipment and materials necessary to complete the work outlined above in the Well Construction and Duties to provide for the well installation, development, yield and drawdown testing, disinfection, water quality sampling, mobilization, and clean-up. They shall include, but are not limited to, the following not stated previously:

- Temporary Pumping and means of operation
- Temporary Power Supply
- Flow monitoring and water level measuring devices
- Piping, valving and appurtenances
- Discharge hose

Phase III – Permanent Pumping Equipment

For purposes of the bid assume the following equipment to be provided, installed or moved from the existing well:

Provide and Install:

- Preparation and submittal of an ACT399 permit to MDEQ upon completion and approval of the aquifer test by MDEQ.
 - The permit must be stamped by a licensed engineer.
Contractor is responsible for obtaining an approved permit prior to proceeding.
- Grundfos 385S150-2
- 15 HP, 460 volt, 3 phase motor
- 75 feet of 6" Certa-Lok Drop Pipe
- 85 feet of Heavy duty flat jacketed wire (no exceptions)
- Two(2) new Baker 12" pitless adapter O-rings
- Heavy Wall galvanized nipples to connect to pitless
- Stainless Steel Certa-Lok adapters to connect to pump or pitless as needed
- 6" ductile iron check valve (in addition to check valve in pump)

Move from existing well:

- Remove and re-install Baker 12" pitless adapter from existing Well 1 to the new well.

Phase IV – Well 1 abandonment

- Remove and provide all pumping equipment to the township (42' setting of Certa-Lok, 10 HP motor and 7 stage pump bowl)
- Abandon Well 1 with neat cement per MDEQ code

Warranty:

The driller shall provide a guarantee for materials and workmanship for a period of not less than two (2) years following substantial completion on any or all work performed above to the owner including bacteria free water samples.

Services / Materials Not To Be Included:

The proposal shall not include providing and/or installation of the following items:

- Site accessibility (provided by owner)
- Water supply (provided by owner)
- Site Electrical
- Distribution Piping

Schedule:

The commencement of Phase I is subject to MDEQ approval and installation will be coordinated with the selected well driller. Completion of work shall be anticipated to be by September 2017 for both Phases.

Proposal and Qualification Requirements:

It is requested that the proposal being submitted be broken out by phase and costs associated with each sub-item within each phase to allow the owner the flexibility to adjust the contract as the project progresses.

1. Two monitoring wells shall be 4" and neat cement grouted.
2. Permanent well shall be 12" diameter (screen and casing) and neat cement grouted.
3. All wells shall be assumed to be 100' deep for bidding purposes.
4. Permanent well screen design shall assume 10'.
5. Contractor is responsible for ALL MDEQ permitting including an engineer stamp (not the MDEQ district engineer).
6. MDEQ well construction code rules must be followed at all times
7. All bidders must be a licensed well driller in the state of Michigan under the bidding contractor's company name and all drilling equipment must be wholly owned by the bidder. Sub-contracted drilling will not be accepted.
8. Drilling, pump testing or aquifer analysis may not be subcontracted for purposes of providing a turnkey project.
9. Contractor is responsible for two good bacteria samples at least 24 hours apart
10. Contractor must supply complete references for six(6) municipal well drilling projects of 12" diameter and larger wells drilled by their company meeting the requirements of items 7 and 8 above. Failure to meet this requirement will result in disqualification.
11. Contractor shall provide a statement of qualifications (1) highlighting being regularly engaged in the municipal well and pump business and (2) having been in business under the same name for a minimum of 15 years.
12. The Township reserves the right to accept or reject any bid for any reason and is not obligated to take the lowest bid price.

Bid Table:

Item	Cost
Test Drilling to 100 ft	\$3,500.00
Gamma Logging Test Boring	\$250.00
Phase I Total:	\$3,750.00
Mobilization	\$3,500.00
12" Well per the specifications w/development	\$33,640.00
Two(2) 4" Monitoring Wells	\$8,500.00
Well Testing (aquifer test, step test)	\$7,900.00
Aquifer Analysis by Professional Geologist and submittal	\$4,650.00
Phase II Total:	\$58,190.00
Act 399 permit, stamped by a professional engineer.	No Charge
Pumping equipment (pump, motor, wire, drop pipe, check valve and fittings)	\$7,395.00
Move 12" Pitless Adapter	\$4,300.00
Phase III Total:	\$11,695.00
Abandon Well 1	\$3,020.00
Phase IV Total	\$3,020.00
Unit Prices for Additional Work:	
12" well drilling	\$30.00
12" well screen (add/deduct) per foot	\$142.00
Test boring (add/deduct) per foot	\$12.00

Voluntary Alternate: Use other onsite monitoring well located by backwash basin. Deduct one 4" monitoring well - \$4,250.00

Number of Years in Business Under the Same Company Name: 44

Subcontracted Services: Excavating Pitless Adapter

Municipal Well References (12" and larger) (Name, water system name, project description, phone number):

1. Kim Smith, Union Township, Mt. Pleasant., Wells 7, 8, 9 and 10, 12"
wells and pumps, drilled and equipped. 989-772-4600

2. Chris Kenyon, City of Ionia, MI, Well 13, 16" well drilled and
equipped. 616-527-0370

3. Vern Feldpausch, Village of Fowler, Well 8, 12" well drilled and
equipped. 989-593-2768

4. Ken Baker, City of Mason, MI, Well 8, 12" well drilled and
equipped, 517-676-1319

5. Dale Clark, City of Clare, Well 8, 12" well drilled and
equipped, 989-386-2321

6. John Paquin, City of Kalamazoo, Station 24, 12" well drilled and

and equipped, (269) 337-8737

Statement of Qualifications:

See attached.



STATEMENT OF QUALIFICATIONS

Peerless-Midwest, Inc., incorporated in 1973, is the largest water supply contractor in Michigan. We employ 89 professionals including:

- 51 Field Personnel
- 11 Project Managers
- 10 Technical Support
- 4 Electrical/Controls Technicians
- 10 Administrative Staff
- 3 Professional Hydrogeologists

Our business is dedicated to providing full service attention to our clients' needs in the following areas:

- Hydrogeologic investigations, test drilling and analysis for groundwater exploration and development
- Water well design and installation to meet site specific custom requirements
 - **We own and maintain a complete fleet of drilling rigs**
- Aquifer performance testing and analysis
- Water well repair and reconstruction
- Well cleaning, rehabilitation, redevelopment and biofouling treatments
- Pumping equipment design and installation
- Electrical and control systems including VFD and SCADA applications
- Fire protection water supply systems
- Pump repair and overhaul services
- Water treatment system installation, repair and rehabilitation including iron removal, softening and other types of filtration.
- Wastewater pumping equipment repair and overhaul

Serving over 2,000 clients in Michigan, Illinois, Indiana, and Ohio, Peerless-Midwest has the ability to professionally manage and successfully solve water supply problems of all types. Over 600 years of in-house industry experience ensures high quality, value driven results.



REQUEST FOR TOWNSHIP BOARD ACTION

TO: Board of Trustees **DATE:** 06/07/2017
FROM: Union Township Planner **DATE FOR BOARD CONSIDERATION:** 06/14/2017
ACTION REQUESTED: Conduct public hearing for the adoption of Zoning Ordinance 2017-05. After public hearing recommendation is to adopt by roll call vote Zoning Ordinance 2017-05.

Current Action Emergency _____

Funds Budgeted: If Yes _____ Account # _____ No _____ N/A _____

Finance Approval _____

BACKGROUND INFORMATION

The Board of Trustees voted on May 24, 2017 at a regular meeting to advertise a public hearing for adoption of Zoning Ordinance 2017-05. This Ordinance is a Text Amendment to section 8 (General Provisions) of the Zoning Ordinance 1991-5 as amended. If adopted it will be titled as section 8.225 Outdoor Lighting in the Zoning Ordinance.

SCOPE OF SERVICES

N/A

JUSTIFICATION

The outdoor lighting ordinance allows for businesses to adequately light their property while preventing unneeded light trespassing onto other properties. The Ordinance will reduce overall light pollution in the township for the health, safety, well being for the community.

PROJECT IMPROVEMENTS

The Following Board of Trustees goals are addressed with the request.

1. Community well-being and common good
2. Prosperity through economic diversity, cultural diversity, and social diversity
3. Safety
4. Health
5. Natural Environment
6. Commerce

COSTS

N/A

PROJECT TIME TABLE

If Ordinance 2017-05 is adopted tonight a notice of adoption will be published in the paper. The Ordinance becomes effective seven days (7) after publication. If the Board chooses to not adopt the ordinance the board may vote to deny the Ordinance tonight.

RESOLUTION

Authorization is hereby given to...

Resolved by _____ Seconded by _____

Yes:
 No:
 Absent:

**Adoption NOTICE: Charter Township of Union, Isabella County,
Michigan
ORDINANCE # 2017-05
Zoning Amendment**

SUMMARY: An Ordinance to amend the Charter Township of Union Zoning Ordinance, being Ordinance 1991-5, as amended, by additions to Section 8. This Amendment sets standards for outdoor lighting in all zoning districts.

The Charter Township of Union, Isabella County, Michigan, hereby ordains:

SECTION 1 – Amendment.

SECTION II. – Title.

SECTION III- Severability.

SECTION IV – Effective Date.

This proposed Ordinance for the Charter Township of Union was adopted by the Union Township Board of Trustees, at a regular meeting on June 14, 2017 at 7:00 p.m. at the Union Township Hall, 2010 S. Lincoln Rd., Mount Pleasant, Michigan. A true copy of this Ordinance may be obtained or inspected on the township's website,

<http://www.uniontownshipmi.com/BoardsandCommissions/PublicNotices.aspx>

Lisa Cody, Township Clerk

Ben Gunning, Supervisor

Morning Sun: *Please publish in a display ad in 8 pt. type, on Friday 06/16/2017
Please send one affidavit of publication.*