



100 Portage Street Houghton, MI 49931  
 906-482-4810 • 800-562-7684 • Fax: 906-482-9799

**Osceola Township**  
**Water System Improvements**  
 SCOPE OF WORK FOR WATER SYSTEM IMPROVEMENTS  
 January 2023

**OPTION 1: FULL SCOPE – ENGINEER’S OPINION OF COST**

**DISTRIBUTION**

1) Replace Watermain	5,000	LF	\$1,960,000
2) Extend Watermain Mason to Tamarack City	8,000	LF	\$2,400,000
3) Replace Lead Service Lines	110	EA	\$1,300,000
4) Booster Pump Station, Mason to Tamarack City	1	LS	\$200,000
5) Miscellaneous Hydrant Replacements	5	EA	\$50,000
6) Misc. Watermain Valve Replacements	5	EA	\$40,000
	<b>Total Distribution</b>		<b>\$5,950,000</b>

**WATER SOURCE/ STORAGE**

7) Replace Water Meters	500	EA	\$250,000
8) Replace Well Pumps	2	EA	\$150,000
9) Well House Improvements	1	LS	\$50,000
10) Storage Tank Improvements	1	LS	\$30,000
	<b>Total Source/ Storage</b>		<b>\$480,000</b>

Construction Total	\$6,430,000
Contingency	\$645,000
Engineering	\$850,000
Attorney/Legal	\$75,000
<b>Total</b>	<b>\$8,000,000</b>

**OPTION 2: REDUCED SCOPE – ENGINEER’S OPINION OF COST**

**DISTRIBUTION**

1) Replace Watermain	500	LF	\$200,000
2) Extend Watermain Mason to Tamarack City	8,000	LF	\$2,400,000
3) Replace Lead Service Lines	110	EA	\$1,285,000
4) Booster Pump Station, Mason to Tamarack City	1	LS	\$200,000
5) Miscellaneous Hydrant Replacements	5	EA	\$50,000
6) Misc. Watermain Valve Replacements	5	EA	\$40,000
	<b>Total Distribution</b>		<b>\$4,175,000</b>

**WATER SOURCE/ STORAGE**

7) Replace Water Meters	500	EA	\$250,000
8) Replace Well Pumps	2	EA	\$150,000
9) Well House Improvements	1	LS	\$50,000
10) Storage Tank Improvements	1	LS	\$30,000
	<b>Total Source/ Storage</b>		<b>\$480,000</b>

Construction Total	\$4,655,000
Contingency	\$467,000
Engineering	\$615,000
Attorney/Legal	\$63,000
<b>Total</b>	<b>\$5,800,000</b>

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