

**[EXTERNAL]BFHS - BFES Cured in Place Pipe Cost Estimates**

Chris Roberts &lt;chris@clearwatercontractingllc.com&gt;

Sun 1/15/2023 4:46 PM

To: Mike McGill &lt;mmcgill@bigfork.k12.mt.us&gt;

Cc: Brett Walcheck &lt;brett@clearwatercontractingllc.com&gt;; Tom Stack &lt;tstack@bigfork.k12.mt.us&gt;

 2 attachments (189 KB)

Quote-2023080 BFHS 6 Inch CIPP Cost Estimate.pdf; Quote-2023081 BFES 4 Inch CIPP Cost Estimate.pdf;

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Mike,

Per our conversations, please find attached the cost estimate proposals for the CIPP installation for each school building's main sanitary sewer discharge pipes.

As discussed, I would put priority on the Elementary building first, as this pipe is in much worse condition due to the detergents and chemicals coming from the kitchen fixtures.

If anyone would like to witness the conditions of these pipes for themselves vs. seeing photos, I'm more than happy to return with a CCTV system for another look.

Conditional photos were sent along with the project invoicing earlier. If you would like all documented photos from our previous work efforts in the week, I'm happy to put them onto a flash drive for you and your files.

Thanks and lets chat this week.



Clearwater Contracting LLC

Chris Roberts / Owner

Mobile (406) 546-4621

Chris@clearwatercontractingllc.com

[www.clearwatercontractingllc.com](http://www.clearwatercontractingllc.com)

Clearwater Contracting LLC  
 639 Pommel Drive  
 Bigfork, MT 59911  
 (406) 546-4621  
 Chris@clearwatercontractingllc.com  
 www.clearwatercontractingllc.com



# Clearwater Contracting LLC

Bigfork School District  
 600 Commerce St.  
 Bigfork, MT 59911

## Cost Estimate

Quote # 2023081  
 Quote Date 01/15/2023

Item	Description	Unit Price	Quantity	Amount
	<p>Scope of work description for the Bigfork Elementary School main lateral 4" sanitary sewer cast iron discharge line. Location from the internal cleanout in mechanical room to the PVC connection Southside of buildings cafeteria room.</p> <p>CCTV Inspection on 1-12-2022 from internal 4" diameter cleanout heading South to the existing PVC to cast iron connection measured approximately 126' lineal feet in distance and the existing school buildings cast iron piping appeared to be in very deteriorated condition, especially under the kitchen and cafeteria rooms. Cafeteria is built slab on grade, access to pipe in not optional without removing the entire floor including ADA ramps, handrails and sidewalk.</p> <p>A full CIPP "Cured in Place Pipe" install, or conventional replacement is highly recommended for guaranteed performance and longevity.</p>			
	Mobilization	400.00	1.00	400.00
	4" Diameter UV Cured CIPP "Flex Liner" Lining Installation of approximately 126' lineal feet of existing 4" diameter Cast Iron sanitary sewer piping. Liner to be installed within the existing pipe walls and cured by means of Ultraviolet Light. To be installed through the internal 4" diameter cleanout located within the mechanical room.	145.00	126.00	18,270.00
	1 each 4" diameter Point Repair for CIPP endpoint landing zone.	3800.00	1.00	3,800.00
	15 each Robotic Re-instatements of adjacent lateral pipe connections to the existing 4" diameter mainline for school.	750.00	15.00	11,250.00
	Misc Consumables 1 Lump Sum	350.00	1.00	350.00

10% Overhead, Margin and Administrative	3407.00	1.00	3,407.00
10% Discount	3747.70	-1.00	-3,747.70

**NOTES:** Engineered Design, Geotechnical Testing, Survey Staking, Rock Blasting and Hammering, Asphalt Removal - Replacement, Storm Water Permits, De-Watering, Ground Water Mitigation, Existing Utility Conflicts, Traffic Control, City & County Permits, Performance Bonds are excluded from Estimate.

Cost Estimates good for 7 Days

	<b>Subtotal</b>	33,729.30
	<b>Total</b>	33,729.30
	<b>Amount Paid</b>	0.00
	<b>Quote</b>	\$33,729.30

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# Clearwater Contracting LLC

Bigfork School District  
 600 Commerce St.  
 Bigfork, MT 59911

## Cost Estimate

**Quote #** 2023080  
**Quote Date** 01/15/2023

Item	Description	Unit Price	Quantity	Amount
	Scope of work description for the Bigfork High School main lateral sanitary sewer cast iron discharge line, location from the external cleanout to the city mainline Southside of building.			
	CCTV Inspection on 1-10-2022 from external 6" diameter cleanout heading South to the existing City sewer main measured approximately 113' lineal feet in distance and the existing school buildings cast iron piping appeared to be in deteriorated condition, especially at the mainline and lateral connection.			
	A full CIPP "Cured in Place Pipe" install, or conventional replacement is highly recommended for guaranteed performance and longevity.			
	Mobilization	400.00	1.00	400.00
	6" Diameter UV Cured CIPP "Standard Liner" Lining Installation of approximately 113' lineal feet of existing Cast Iron sanitary sewer piping. Liner to be installed within the existing pipe walls and cured by means of Ultraviolet Light. To be installed through the external 6" diameter cleanout.	165.00	113.00	18,645.00
	2 each Robotic Re-instatements of adjacent lateral pipe connections to 6" mainline for school.	750.00	2.00	1,500.00
	1 Each 6" diameter Point Repair for CIPP endpoint landing zone.	4500.00	1.00	4,500.00
	Misc Consumables 1 Lump Sum	250.00	1.00	250.00
	10% Overhead, Margina and Administrative	2529.50	1.00	2,529.50
	10% Courtesy Discount	2782.45	-1.00	-2,782.45

**NOTES:** Engineered Design, Geotechnical Testing, Survey Staking, Rock Blasting and Hammering, Asphalt Removal - Replacement, Storm Water Permits, De-Watering, Ground Water Mitigation, Existing Utility Conflicts, Traffic Control, City & County Permits, Performance Bonds are excluded from Estimate.

Cost Estimates good for 7 Days

	<b>Subtotal</b>	25,042.05
	<b>Total</b>	25,042.05
	<b>Amount Paid</b>	0.00
	<b>Quote</b>	\$25,042.05