

1 Q. **Reference: Schedule 1, Attachment 11, Page 19 of 29.**

2 The estimated costs are contained in file BDE Penstock 3 Section Replacement  
3 and Weld Refurbishment Estimate Rev1.xlsx.

4 Provide a copy of the referenced spreadsheet.

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7 A. A copy of the referenced spreadsheet is provided as PUB-NLH-011, Attachment 1.

**PUB-NLH-011, Attachment 1**  
**Bay d'Espoir Penstock 3 Weld Refurbishment and Section Replacement**  
**Page 1 of 1**

Category	Qty	Unit of Measure	Penstock 3 Estimated Cost (2024 \$CAD) <sup>1</sup>
<b>FEED</b>			
FEED <sup>2</sup> Engineering	1.00	LS	
Project Management Labour, FEED	1.00	LS	
Project Management Travel, FEED	1.00	LS	
FEED Costs to End of March 2025	1.00	LS	
<b>Subtotal - FEED</b>			
<b>Project Management</b>			
Project Management Labour, Detailed Design and Procurement	1.00	LS	
Project Management Labour and Project Execution	1.00	LS	
Project Management Travel, Detailed Design, and Procurement	1.00	LS	
Project Management Travel, Project Execution	1.00	LS	
Insurance	1.00	LS	
Site Vehicles - Assume 2 Trucks for Duration	1.00	LS	
<b>Subtotal - Project Management</b>			
<b>Internal Engineering</b>			
Internal Engineering Design Labour, Detailed Design, and Procurement	1.00	LS	
Internal Engineering Design Labour and Project Execution	1.00	LS	
Internal Engineering Design Travel, Detailed Design, and Procurement	1.00	LS	
Internal Engineering Design Travel and Project Execution	1.00	LS	
Internal Engineering Construction Labour and Project Execution	1.00	LS	
Internal Engineering Construction Travel and Project Execution	1.00	LS	
<b>Subtotal - Internal Engineering</b>			
<b>EPCM<sup>3</sup></b>			
EPCM Engineering Design Contract Work, Detailed Design, and Procurement	1.00	LS	
EPCM Engineering Design Contract Work and Project Execution	1.00	LS	
EPCM Engineering Design Consultants, Detailed Design, and Procurement	1.00	LS	
EPCM Engineering Design Consultants and Project Execution	1.00	LS	
EPCM Construction Support Consultants	1.00	LS	
Phase Array Ultrasonic Testing	1.00	LS	
<b>Subtotal - EPCM</b>			
<b>External Construction</b>			
<b>Mobilization, Demobilization, and Facilities Cost</b>			
Mobilization and Demobilization	1.00	LS	
Operating and Maintaining of Temporary Works Facilities	1.00	LS	
Access Road on the North Side of Penstock 3	1.00	LS	
<b>Subtotal - Mobilization, Demobilization, and Facilities Cost</b>			
<b>Penstock Replacement</b>			
Penstock Fabrication and Delivery to Site	1.00	LS	
Existing Penstock Removal and Disposal	1.00	LS	
Penstock Replacement	1.00	LS	
<b>Subtotal - Penstock Replacement</b>			
<b>Penstock Rehabilitation</b>			
Penstock Rehabilitation	1.00	LS	
Steel	1.00	LS	
Performance Security	1.00	LS	
<b>Subtotal - Penstock Rehabilitation</b>			
<b>Total - External Construction</b>			
Internal Construction Labour	1.00	LS	
Internal Construction Material	1.00	LS	
Internal Construction Contract Work	1.00	LS	
Internal Construction Internal Equipment	1.00	LS	
Internal Construction Travel and Expenses	1.00	LS	
<b>Subtotal - Internal Construction</b>			
<b>Total Base Cost</b>			<b>66,422,681</b>
<b>Contingency</b>			
<b>Escalation</b>			
<b>Interest During Construction</b>			
<b>Planned Project Budget</b>			<b>77,462,128</b>

<sup>1</sup> Numbers may not add due to rounding.

<sup>2</sup> Front-End Engineering and Design ("FEED")

<sup>3</sup> Engineering, Procurement, and Construction Management ("EPCM")