

1 Q. Re: Holyrood: Upgrade Unit 1 Stack Breeching  
 2 With respect to the budget Estimate at Section 5.1, please break out the project  
 3 costs for each element or aspect of the work which Hydro is proposing to undertake  
 4 in this overall project, eg. refurbishing steel casing, work on East Support Structure,  
 5 work on West Support Structure, insulation of breeching externally, ice protection  
 6 shelters, etc.

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 9 A. A breakout of the project cost for the budget estimate at Section 5.1 is included in  
 10 the table below.

Project Task Description	Cost (\$)
<b>Labour</b> ( Internal Hydro engineering, operations, and project management labour):	114,400
<b>Contract (Labour &amp; Materials):</b>	
Remove internal insulation blocks and supply/install 6 inches of external insulation	461,328
Install an ice protection shield	112,428
Replacement of expansion joints and casing repairs	774,144
Supply and install East and West support structures. Includes additional cost to replace the breeching support structures with the existing breeching left in place. A temporary support structure will be required.	133,700
<b>Travel</b>	2,000

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 12 The cost estimates provided by Hatch are not broken down by East and West  
 13 structure, although it is not unreasonable to expect that the relevant costs can be  
 14 split evenly between the two structures. Please also refer to response to IC-NLH-1.