



2021 Capital Budget - Business Case Form

Project	HVAC Aquatarium Level 1	Department	Aquatarium
Proposed Capital Budget Year	2021	Year Project Introduced	2021
Dept. Priority Ranking (High/Med/Low)	High	Tangible Capital Asset:	Yes
Start Date (mm/year)	03/2021	End Date (mm/year)	06/2021

Description/Scope of Project:

Replacement of a HVAC unit that services level 1 of the Aquatarium. The existing unit's compressor has blown. The unit serves the washroom, store room, and front desk area of the AQ.

Project Rationale:

Unit is required for proper environmental controls of the building. It will need to be removed and replaced as projected repairs to the unit exceed 70% of the cost of replacement. Without this unit, proper climate control of the areas served is not possible to maintain. The washroom and storeroom sit at around 14-16C during the winter without this unit.

Project Budget			
	2021	2022	2023 Onward
Total Expenditures	8,500.00		

Project Manager: _____
 Date: _____

Lynda Ferguson	
Janette Loveys	



2021 Capital Budget - Business Case Form

Project	HVAC Unit Level 3 Animal Care	Department	Aquarium
Proposed Capital Budget Year	2021	Year Project Introduced	2021
Dept. Priority Ranking (High/Med/Low)	High	Tangible Capital Asset:	Yes
Start Date (mm/year)	3/2021	End Date (mm/year)	10/2021

Description/Scope of Project:

Installation of HVAC unit in animal holding, chemistry, and food preparation areas of the AQ, Level 3. The existing HVAC is not sufficient to adequately cool and heat these areas due to distance from the source.

Project Rationale:

Cooling and Heating system for the area in question is inadequate to maintain proper temps for the animals and staff. The current HVAC source must be forced on, and must run at all times during the summer to ensure that the animal holding and food prep area is adequately cooled. This requires the HVAC unit to over cool subsequent areas that are closer in line to the unit, and it is putting more strain on the unit than intended. This situation will ultimately lead to premature equipment failure and is inefficient to operate. The new unit will allow for proper differential climate controls based on loading, will reduce overall energy expenditures, and will reduce wear on the main unit.

Project Budget			
	2021	2022	2023 Onward
Total Expenditures	8,500.00		

Project Manager: _____
 Date: _____

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