Data Provided by Applicant

Title: Purchase Compacting Machines

Description

Explain Idea
Each identifiable area, such as building floor, would have a waste compacting machine.
Individuals would empty their trash whenever they felt so inclined.
The actual removal of the compacted trash would take place every month instead of week.
It is recommended that a pilot be run in Tory Building

Relate Project to Criteria
The idea is innovative, has a direct reduction in environmental impact and social responsibility as it saves landfill, and greenhouse gas emissions of hauling away waste.
Getting the Student engaged in the compaction process not only assist with this project but instills the notion of green living in their lives.

Financials

To Outfit 5 Floors of Tory
Initial Investment 5 Compacting Machines $ 25,000
Installation $ 1,000

Useful Life (years) 10

Residual Value (Scrap) $ 500

Operating Costs
Electricity (annual) $ 250
Maintenance (annual) $ 500

Operating Costs Avoided
Cleaning Contract $ 3,000
Waste Removal $ 2,000

Net Annual Savings $ 4,250

Analysis Performed by Financial Services

Initial Investment -$ 26,000

PV of Residual (5% cost of capital) $ 307

PV of Savings (5% cost of capital) $ 32,817

Present Value of Project $ 7,124