



UPGRADE AND MAINTENANCE OF EDEN CAMPUS

PROJECT

Establishment of a rain water tank farm

RATIONALE



PICTURE 1 – GUTTERS



PICTURE 2 – TANK FARM SITE

Eden Campus has a mission to reduce its carbon footprint. One aspect of this is to catch rain water from the roof into a series of connected water tanks.

Unfortunately this is easier said than done because it requires that firstly the gutters are fixed so that water from the roof does not simply land on the ground. Then the orientation of the gutters must be changed so that water flows in a correct direction to facilitate capturing into the water tanks.

ESTIMATED COST

Establishment of a rain water tank-farm	
Item of work	Cost
Repair and replace gutters	4,000
Extend guttering system and re-orientate flow direction	2,500
Purchase 20x 2,500 litre rain water tanks @ R1500 each	30,000
Carry out plumbing to connect the tanks together and into the water system	3,500
Purchase pump	1,500
Install gravity feed roof tank	4,000
Total	45,500

TIMETABLE

As soon as funds are available.