SSID – UPPER TANK SOLUTIONS	Replacement year	
as at AGM 2025	2040	2030
Method	Use existing lower system tank, and NEW ON-GROUND UPPER SYSTEM tank; powered by BATTERIES & SOLAR	Use existing lower system tank, and install NEW TANK ON STEEL TOWER in 5 years
Purchase	On-ground 10,000 upper system steel tank + Booster Pump + fire pump + solar panels and batteries	Elevated 10,000 steel tank
Disqualifiers	No disqualifiers, but relies on future advancements and affordability of battery and solar technology.	No disqualfier, but requires grandfathering of the steel tower. We have a verbal Yes (for now) from the Drinking Water Officer, (at inspection May 30 2025). This option relies on the longevity of the steel tower.
Reservoir (tank)	175,530	175,530
Switches and instrumentation	6,000	---
Piping	20,000	---
Excavation, grading, base layer, tree cutting, shrubbing	7,500	---
Engineering and/or Geotechnical report	15,000	---
Additional foundations and excavation	12000	---
Specialty crew for installation	---	100,000
Guy wires added to upper tank	---	10,000
RESERVOIR TOTALS	**236,030**	**285,530**
Building	50,000	---
Pumps	40,000	---
Mechanical	30,000	---
Electrical	30,000	---
Solar system for upper system	161,163	---
Spare parts	30,000	---
BOOSTER PUMP STATION TOTALS	**341,163**	**---**
Connection to existing supply & distribution	10,000	---
Fencing	5,000	---
Demolition and Removal of existing tank	10,000	10,000
Insurance and Bonding	17,766	8,566
OTHER EXPENSES TOTALS	**42,766**	**18,566**
SUBTOTALS	**619,959**	**304,096**
Engineering Design and Construction (12%)	74,395	36,492
Regulatory Approval Processes (3%)	18,599	---
Commissioning, Verification and Training	10,000	---
Contingency allowance (35%)	216,986	106,434
COST IN 2025	**939,938**	**447,021**
Special 1-time Assessment in 2025 dollars	**4,392**	**2,089**
COST IN REPLACEMENT YEAR	**1,464,393**	**518,220**
Special Assessment per lot over 5 years in 2030 dollars with 3% inflation/yr	**1,018**	**484**
Special Assessment per lot over 15 years in 2040 dollars with 3% inflation/yr	**456**	**---**