**Technical Specifications**

* Ground Level Reserve Water Tank
* Dimensions: Minimum 6m Long x 2.5m Wide x 2.6m High
* Dimensions: Maximum 7.5m Long x 4.8m Wide x 3.6m High
* Hold volume of up to 100m³
* Tanks Sides, Base and Top – Maximum 5mm thick
* 600mm – 800mm diameter Access Manway with sealed hinged lid
* Externally Stiffened Panel Flanges
* Tank to be well braced to avoid Bulging
* Roof Vent with insect screen.
* Screened cowl ventilator
* Insect screens for overflow/warning pipes to comply with UK By Law 30
* Durable galvanised internal Access ladder
* Galvanised external ladder & handrails to BS 4211
* Galvanised Steel Bolts and Washers
* Non Toxic Sealants
* Ball valve boxes
* Spill Over Weir boxes to provide Air Gaps – Type A – BS 6281 Part 1.
* Self- draining base with sluice valve to short pipe prior to joining the overflow
* Float Level Indicator (Connecting Rope/String to be well-weathered)
* Bell mouth Overflow- tank bottom – below Supply Valve Level.
* Outlet Services thru Rose Strainer
* Matching Pipe-works & Control valves
* Flow Control Mechanism
* Resistance to Ultra Violet Light
* Uniform Panel Dimensions
* Smooth Surface finishes
* Tank Cover imposed Loading to comply with BS 6399, Part 3, 1988
* Tank Cover Side & Base Wind Loading to BS 6399 Part 2 – BS 5950 Part 2 1990.
* WRAS Compliant
* Protective Coating
* Warranty for up to 20 years
* Quality Assurance BS EN ISO 9001 2000
* Materials delivered to site should be Blast Cleaned to BS 4232
* Long Life Service
* Low Maintenance

**All standards specified to be as requested ‘or equivalent’.**

Installation and commissioning of the tank to be carried out within the Gambia and provided by the supplier or an agent of the supplier.

O&M (Operations & Maintenance) Training to be provided for staff within the Gambia following commissioning.