

AQUASAN ONESTOP® PACKAGE

CLEAN WATER SAFE SANITATION

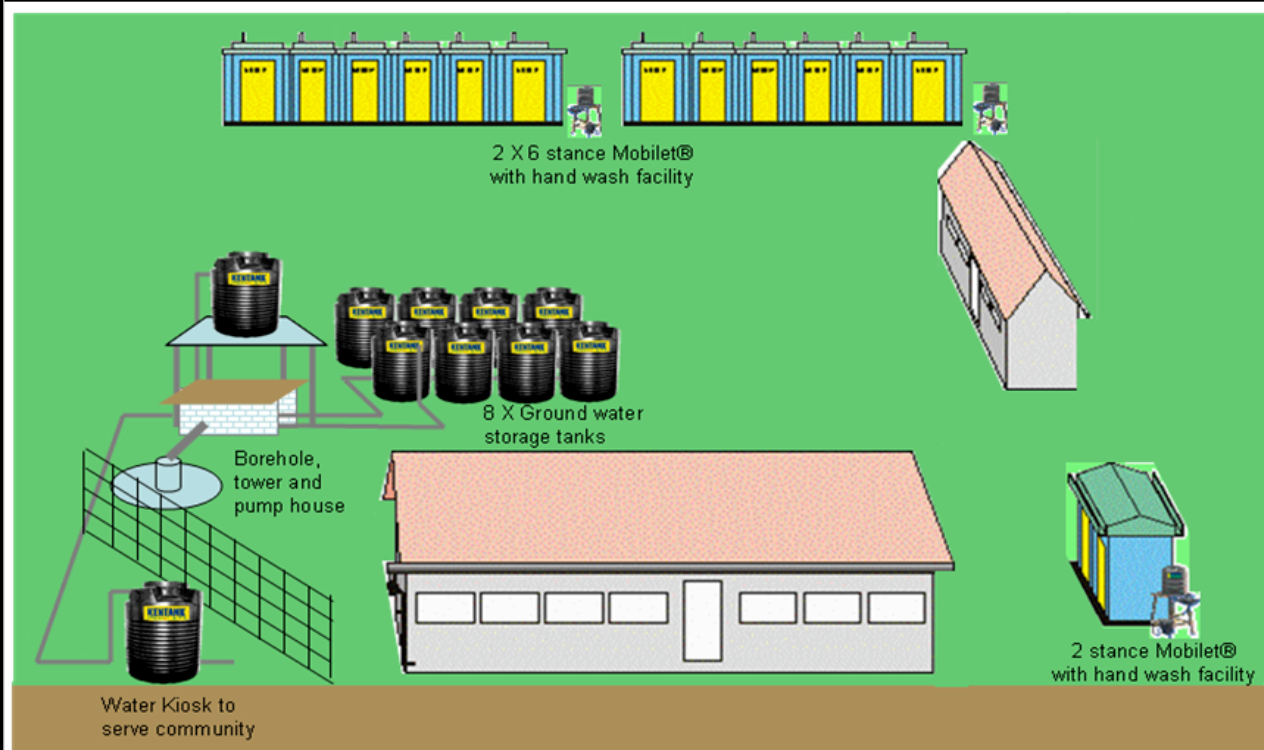
SIMPLICITY.SCALE.SUSTAINABILITY

AquaSan OneStop® Packages are simple, easy to use and sustainable solutions to your water and sanitation needs. Our OneStop® Packages are created through effective integration of innovative water and sanitation products. We are able to deliver and commission our packages even in the most remote locations as they are lightweight, transportable and pre-fabricated for rapid installation. Save time, effort and money by choosing an AquaSan OneStop® Package today!

Model School Package 8X5K - Borehole 2X6 Stance

**Ideal for schools that want to become Water Service Providers
Target Capacity of 40,000L per day**

Concept Overview	A package that develops the school into a water service provider by incorporating the infrastructure to provide 40,000L of clean water per day to the school and community. Water is sold to the community using a series of water kiosks connected by pipe. Water is distributed throughout using gravity. Sanitation and handwash facilities are also provided.
School Size:	500 to 1000 students, also serving community of about 1500 to 2000 extra people
School Mix:	Boys and Girls, Boys Only, or Girls Only
Water Source:	Borehole with Motorised Electric Pump. Rainwater supplements hand wash facilities
Water Storage:	40,000L in 8 X 5000L tanks on sand and block bases. 1 X 5000L tank on 3M High stand fitted with small pump
Water Distribution	From tanks to pre-fabricated steel tap stand embedded in concrete to serve school. HDPE pipe works to Kiosks for distribution to community using gravity from raised tank. Optional provision and laying of Drip Irrigation for field
Water Kiosks (sale of water)	One provided in package, to be located within school grounds. Option for additional kiosks is also provided.
Sanitation Blocks:	2 X 6 Stance Blocks for School Children and 1 X 2 Stance Block for Teachers
Sanitation Type	Urine Diversion or Standard Keyhole



Delivery and Installation: We are committed to delivery, installation and commission of all AquaSan OneStop® Packages. Please request a detailed quotation for every package, as price will vary by location and conditions on the ground.



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Bill of Quantities

Area	Sub Area	Description	Unit	Qty	
Sanitation	Mobilet® Superstructure	Standard Stand Alone Two Stance Mobilet® Male & Female	Set of Two Toilets	1	
		Standard In-Line 1M X 1M Stance Mobilet®	Pc	8	
		Large In-Line 1.4M X 1M Stance	Pc	4	
	Mobilet® Slab	Standard 1M X1M Urine Diversion Slab or Keyhole Slab	Pc	10	
		Large 1.4M X 1M Urinal Slab or Washroom Slab	Pc	2	
		Large 1.4M X 1M Disabled Slab	Pc	2	
	PitWall® Liner	FOR STABLE SOILS (1M Lining)			
		Cross Member Support 0.8M X 0.25M	Pc	45	
		End Panel 0.8M X 1M	Pc	6	
		Side Panel 0.75M X 1M	Pc	32	
		OR FOR UNSTABLE SOILS (3M Lining)			
		Cross Member Support 0.8M X 0.25M	Pc	135	
	Site Works	End Panel 0.8M X 1M	Pc	18	
		Side Panel 0.75M X 1M	Pc	96	
		0.8M Wide X 5.4M Long X 3M Deep pit for Children's Toilet. 1.5M walk way around the front of the toilet made with 2" paving blocks	No	2	
0.8M Wide X 1.5M Long X 3M Deep pit for Teachers Toilet. 1.5M walk way around the front of the toilet made with 2" paving blocks		No	1		
Water and Rainwater	Wonderloo®	Soak Pit 3 M ³	No	1	
		Disabled Pedestal for Mounting onto Slab	Pc	2	
	Tanks	150 Handwash Tank and stand	Pc	3	
		5000 L Tank with sand and block base, 3/4" outlet with lockable tap. Surrounded by 1M tall chainlink fence to prevent unnecessary access	Pc	8	
		5000L Tank raised onto Metal Stand	Pc	1	
	Gutters	6M of 4" uPVC Gutters with connectors, stop ends and down pipe	Set	8	
	Site Works	Excavation and Installation of Sand/Block Base	No	8	
	Steel Stand	3M High Steel Stand with 2M X 2M Platform for up to 5000L tank	Pc	1	
	Distribution and Pumping	Pipeworks	3/4" GI Pipe works	Metres	Up to 45M
			3/4" HDPE Pipe works	Metres	200M
Pump		Site Works	General PipeWorks for distribution as per requirement. Primarily buried 45cms underground	NA	As per requirement
		Submersible Electric pump for borehole	Pc	2 (1 is standby)	
		Booster Electric Pump for Raised Tank	Pc	2 (1 is standby)	
Petrol or Diesel Generator to Power Electric Pumps	Pc	1 (if power not available)			
Secured Pump Room for Housing Generators, Pumps and Spares	Pc	1			
Water Access	Borehole	Drilling and casing of 4" borehole	Pc	1	
	Water Kiosk	2500 L Tank with sand and block base, 3/4" outlet with lockable tap with 200M of 1/2" HDPE Piping for connection to source	Pc	1 provided for use in school compound, additional Kiosks are optional and located outside school compound	
Additional optional Items					
Optional Items	Drip Irrigation	Drip irrigation system for demonstration field - directly connected to urine holding tank, also included in package. Powered by Gravity. Each Set to cover 1 acre	Set	As per requirement	
	Shower Block	3 stance shower block (appropriate for boarding schools). Powered by Gravity	Set	As per requirement	