

## TECHNICAL SPECIFICATION

Supply and Delivery of Water Quality Testing Laboratory Equipments- The contractor will supply the laboratory equipments as specified in the table below.

- 26 Numbers of equipment or set, each set should be able to measure all the parameters.
- Reagents shall be provided for 6 months (183 tests ) each parameter for each equipment
- Calibration Solution shall be provided for 6 months for each equipment (where required)

Parameters/ equipments	Reagents	Brand	Model	Quantity	Bidders compliance to the specs (Y/N)	Details of Any Alternatives	Remark
Electrical Conductivity meter (micro-siemen/cm)	Minimum Range 0.0, minimum Accuracy 0.1						
Acidity (PH)	Minimum Range-2 pH, minimum Accuracy 0.1 pH						
Temperature	Minimum Range 0, minimum Accuracy 0.1 deg C						
Chlorine (Cl) free residual	Minimum Range 0-0.90 mg/l, minimum Accuracy +/-2 mg/l						
Coliform Test -Thermos Tolerant (Fecal)	Basic Incubator in Case						
	Sterile Pasteur Pipettes (3ml) x 10						
	• Filter Funnel						
	• Aluminium Gasket						
	• Bronze Discs x 2						
	• 3 Sets of 16 Petri Dishes						
	• O-rings x 2						
	• Silicone Rings x 2						
	• Vacuum Pump and Cup						
	• Sample Cup						
	• Fuse						
	• Lanyard						
	• Recalibration Incubator Lid						
	• Incubator Lid Without Hole						
	• Digital timer						
	• Handheld Magnifier						
	• Comparator (Chlorine & pH)						
	• Polypropylene Bottles x 10						
	• Methanol Dispenser						
	• Tweezers						
• Lubrication Grease							
• Spirit thermometer (-10 to +50°C)							
• Trimmer Tool							
• Turbidity Tube							
• Instruction manual in English							
• External battery power lead							

	<ul style="list-style-type: none"> <li>• Battery charger with 2-pin plug</li> <li>• Consumables Pack for 200 Plates Including:</li> <li>• Membrane Filters and Pads (x 200)</li> <li>• Pad Dispenser</li> <li>• Culture Medium sufficient for the number of tests.</li> <li>• DPD No.1 Tablets (x250)</li> <li>• DPD No.3 Tablets (x250)</li> <li>• Phenol Red Tablets (x250)</li> </ul>						
Small Normal refrigerator	<ul style="list-style-type: none"> <li>• Volume – 30L</li> </ul>						
Sampling bags	<ul style="list-style-type: none"> <li>• 250ml</li> </ul>						

Delivered Materials fulfill the technical Specifications

Name:

Company:

Date:

Sign: