Rosem Analytical Instruments

analytical instruments supplier of choice

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INTEGRATING SCIENCE & I C T TECHNOLOGIES

RFQ

Qty	Description	Unit Cost	Total
2	Heating Oven (Drying samples)		
1	Top-loading Balance (1-10kg)		
2	Autoclave		
1	Benchtop titrator		
1	Turbidity meter		
1	Water purification system (Water still/water deionisation system)		
			-
	ALL VALUES ARE IN USD	Sub Total	**-**
		VAT	**INCL**
	S J TUNDUWANI	**Total**	**-**

ANALYTICAL EQUIPMENT

	Item	Specifications
1	Force Air convection laboratory oven	Capacity 80 litres, Temp Range: +5 degrees Celsius to 205 degrees Celsius, Accuracy +/- 1.0 degrees Celsius , Uniformity +/-2.5 degrees Celsius , Controller: Digital PID with LCD display,0-999hr timer, interior: stainless steel 304,2 adjustable shelves. Safety: over temperature cut off, door alarm,Power:220-240V AC,50Hz,1500W
2	Top loading balance	Capacity 10000g, Readability:0.1,Reapeatability:+/- 0.1,Linearity: +/-0.2g,Pan:200 x200mm stainless steel, Calibration: External calibration with 5kg weight, Display: Backlit LCD, Power: AC adaptor+ rechargeable battery backup
3	Autoclave	Type: Vertical top loading, fully automatic, Capacity: 50litres, Sterilisation Temp: 105 to 134 degrees Celsius, Working pressure: 0.14 -0.22MPa,Timer: 1-99 minutes + automatic drying 0 -60min, Chamber
4	Benchtop Titrator	Mode: Potentiometric automatic titrator, Burette: 20mL burette, resolution 0.001mL,accuracy +/-0.1%, Inputs: pH(0.00-14.00pH +-0.01pH,mV(-2000 to+2000mV),Temperature(Pt1000),Titration modes: Endpoint titration, infection point, pH stat,Display,7inch touchscreen, Storage: Min 50methods,USB export to Excel/PDF, with stirrer, Electrodes: pH electrode, reference electrode, temperature probe included
5	Turbidity meter	Type: Benchtop,ISO 7027 compliant (860nm IRLED), Range: 0.00-1000NTU auto range(0-10,0-1000NTU),Resolution:0.01NTU on lowest range,Accuracy:+/-2% of reading +0.01NTU,Repeatability: +/-1%
6	Water Purification System	Type: Combined glass water still+ deioniser cartridge system, Distillation output: 4 litres/hour, single distillation, Deioniser output: 30litres/hour, mixed bed cartridge, Boiler: Borosilicate glass, stainless steel heater with quartz, Resrvoir:10L polythene tank with automatic level control, Safety: Lower water cut-off, automatic shut off

RATIDZO MATSIKAICA 16/09/26