



NATIONAL WATER & SEWERAGE CORPORATION

Water Quality Management Department

Plot M11, Old Port Bell Road, P.O Box 7053, Kampala - Uganda

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LABORATORY TESTS LIST

Qty	Particulars of Service/ Items	Rate per Unit	Total(Shs)
1	Algae-Qualitative	37,500.00	37,500.00
1	Appearance	5,176.00	5,176.00
1	B.O.D	38,000.00	38,000.00
1	Bact: Enterococci	100,000.00	100,000.00
1	Barium	60,000.00	60,000.00
1	Boiling Point	10,000.00	10,000.00
1	Calcium: as Ca2+	14,250.00	14,250.00
1	Chemical Strength	200,000.00	200,000.00
1	Chemical Strength of Soda ash (as	100,000.00	100,000.00
1	Cyanide: Total	60,000.00	60,000.00
1	Heterotropic Plate Count (HPC)	37,500.00	37,500.00
1	Iron Oxide	46,350.00	46,350.00
1	Langelier index	30,000.00	30,000.00
1	Mercury (Hg)	50,000.00	50,000.00
1	Mixed Liquor Suspended Solids	9,300.00	9,300.00
1	Moisture Content	16,000.00	16,000.00
1	Odour	13,000.00	13,000.00
1	PH Correction	150,000.00	150,000.00
1	Pseudomonas Aeruginosa	30,800.00	30,800.00
1	Research (Bench Fee)	211,865.00	211,865.00
1	Sodium Chloride	100,000.00	100,000.00
1	Sodium Hydrogen Carbonate (Sodi	9,184.00	9,184.00
1	Specific Gravity	7,500.00	7,500.00
1	Total Solids	16,000.00	16,000.00
1	Volatile Solids	16,000.00	16,000.00
1	COD	50,000.00	50,000.00
Qty	Particulars of Service/ Items	Rate per Unit	Total(Shs)
1	Aluminium	50,000.00	50,000.00
1	Bact: Escherichia coli IDEXX	55,407.00	55,407.00
1	Bact: Faecal coliforms IDEXX	53,148.00	53,148.00
1	Bact: Legionella Pneumophila IDEXX	135,847.00	135,847.00
1	Bact: Total coliform IDEXX	55,407.00	55,407.00
1	Bulk Density	3,750.00	3,750.00
1	Calcium: as CaCO3	15,000.00	15,000.00
1	Carbonates	3,750.00	3,750.00
1	Chloride	27,000.00	27,000.00
1	Chlorine: Free residual	18,590.00	18,590.00
1	Chlorine: Total residual	18,590.00	18,590.00
1	Chlorophyll 'a'	37,500.00	37,500.00
1	Chromium: Hexavalent	50,000.00	50,000.00
1	DOC	150,000.00	150,000.00
1	Escherichia coli (Solid material)	50,000.00	50,000.00
1	Faecal coliforms (Solid material)	50,000.00	50,000.00
1	Gold (Au)	50,000.00	50,000.00

We declare that this quotation represents the actual prices of the services offered

1	HTH specification Test	211,000.00	211,000.00
1	Magnesium: as MgCO ₃	14,000.00	14,000.00
1	Marble Test (pH Correction Experiment)	392,636.00	392,636.00
1	Nitrate-N	50,000.00	50,000.00
1	Platinum (Pt)	50,000.00	50,000.00
1	Residual Sodium Carbonate (RSC)	33,000.00	33,000.00
1	Resistivity	18,750.00	18,750.00
1	Salmonella (Solid material)	50,000.00	50,000.00
1	Sand Sieve Analysis Test	100,000.00	100,000.00
1	Shigella	37,500.00	37,500.00
1	Silica: Reactive	43,000.00	43,000.00
1	Silver (Ag)	50,000.00	50,000.00
1	Sodium Absorption Ratio (SAR)	55,500.00	55,500.00
1	Sodium Adsorption Ratio (SAR)	30,000.00	30,000.00
1	Sodium Chloride Specification	522,000.00	522,000.00
1	Sodium: Na+ as %	30,000.00	30,000.00
1	Solubility in Water	3,750.00	3,750.00
1	Staphylococcus aureus	45,000.00	45,000.00
1	Sulphate Reducing Bacteria (SRB)	37,500.00	37,500.00
1	Taste	13,000.00	13,000.00
1	Tin (Sn)	50,000.00	50,000.00
1	Total Solids (Faecal Sludge)	50,000.00	50,000.00
1	Volatile Solid (Faecal sludge)	50,000.00	50,000.00
1	Volatile Solids- % of VS	20,000.00	20,000.00

Qty	Particulars of Service/ Items	Rate per Unit	Total(Shs)
1	Algae-Quantitative	37,500.00	37,500.00
1	Alkalinity: Total	4,432.00	4,432.00
1	Aluminium Residual	73,000.00	73,000.00
1	Ammonia-N (Faecal sludge)	40,000.00	40,000.00
1	Bact: Pseudalert IDEXX	60,000.00	60,000.00
1	Bact: Pseudomonas Aeruginosa- IDEXX	60,000.00	60,000.00
1	Bact: Salmonella	48,612.00	48,612.00
1	Bact: Legionella Pneumophila	70,700.00	70,700.00
1	Bact: Total Bacterial count at 22 °C (IDEXX)	55,000.00	55,000.00
1	Bact: Total Plate Count	31,174.00	31,174.00
1	BOD ₅ (Faecal sludge)	40,000.00	40,000.00
1	Bromate	100,000.00	100,000.00
1	Bulk Density (D)	10,000.00	10,000.00
1	Cadmium	50,000.00	50,000.00
1	Chlorate/Chlorite	100,000.00	100,000.00
1	Chromium: Total	50,000.00	50,000.00
1	Cobolt	60,000.00	60,000.00
1	COD (Faecal sludge)	50,000.00	50,000.00
1	COD (Soluble)	50,000.00	50,000.00
1	COD Sol (Faecal sludge)	60,000.00	60,000.00
1	COD/BOD ₅	10,000.00	10,000.00
1	Colour (apparent)	10,000.00	10,000.00
1	Colour (True)	15,000.00	15,000.00
1	Copper (Cu)	50,000.00	50,000.00
1	Dissolved Carbondioxide (DC)	37,500.00	37,500.00
1	Dissolved Organic Carbon (DOC)	100,000.00	100,000.00
1	Dissolved Oxygen (DO)	12,750.00	12,750.00
1	Electrical Conductivity (EC) at 25°C	16,000.00	16,000.00

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1	Fat, Oil & Grease (FOG)	56,375.00	56,375.00
1	Fluoride	60,495.00	60,495.00
1	Hardness: Total	18,250.00	18,250.00
1	Helminth Eggs	70,000.00	70,000.00
1	Iron: Total	49,000.00	49,000.00
1	Langelier Saturation Index	37,500.00	37,500.00
1	Lead (Pb)	50,000.00	50,000.00
1	Magnesium: as Mg2+	14,000.00	14,000.00
1	Manganese	78,000.00	78,000.00
1	Nickel (Ni)	50,000.00	50,000.00
1	Nitrite - N	15,000.00	15,000.00
1	Ortho-Phosphate: Reactive	15,000.00	15,000.00
1	Perchlorate	30,000.00	30,000.00
1	Permanganate Value (PV)	15,000.00	15,000.00
1	pH (Physical-Chemical) at 25° C	10,000.00	10,000.00
1	Phenol	20,482.00	20,482.00
1	Resistivity	16,000.00	16,000.00
1	Settleable solids	9,300.00	9,300.00
1	Sodium Hypochlorite (NaOCl)	500,000.00	500,000.00
1	Total Carbon (TC)	56,375.00	56,375.00
1	Total Organic Carbon (TOC)	150,000.00	150,000.00
1	Total Phosphorous (Faecal sludge)	50,000.00	50,000.00
1	Total Suspended Solids (TSS) Faecal sludge	30,000.00	30,000.00
1	Turbidity (Filtered)	20,000.00	20,000.00
1	Viscosity (V)	30,000.00	30,000.00
1	Volatile Suspended Solids (% of TSS)	30,000.00	30,000.00
1	Volatile Suspended Solids (Faecal Sludge)	50,000.00	50,000.00

Qty	Particulars of Service/ Items	Rate per Unit	Total(Shs)
1	Aggresivity (Corrosiveness)	37,500.00	37,500.00
1	Ammonia-N	27,000.00	27,000.00
1	Arsenic	67,217.00	67,217.00
1	Bact: Clostridium perfringens	51,418.00	51,418.00
1	Bact: Escherichia coli	37,500.00	37,500.00
1	Bact: Faecal coliforms	37,500.00	37,500.00
1	Bact: Total coliforms	37,500.00	37,500.00
1	Bact:Total Bacterial count at 22°C	21,000.00	21,000.00
1	Bact:Total Bacterial count at 37°C	21,000.00	21,000.00
1	Bi-Carbonate	6,000.00	6,000.00
1	Chemical Strength as % Bicarbonat	100,000.00	100,000.00
1	Chemical strength determination (Alun, Polymer, Soda ash and HTH)	100,000.00	100,000.00
1	Chlorine demand(pilot experiments	150,000.00	150,000.00
1	Faecal streptococci - confirmatory test	30,800.00	30,800.00
1	Form	10,000.00	10,000.00
1	Insoluble Matter	56,250.00	56,250.00
1	Jar Test (Flocculation pilot expts)	551,000.00	551,000.00
1	Marble test (pH correction pilot expt)	121,000.00	121,000.00
1	pH of 1% Solution	10,000.00	10,000.00
1	Phytoplankton (Qualitative & Quantitative)	70,000.00	70,000.00
1	Potassium: K	50,000.00	50,000.00
1	Residual Aluminium	35,455.00	35,455.00
1	Salinity	16,000.00	16,000.00
1	Silica: Total	44,000.00	44,000.00
1	Sodium: Na	50,000.00	50,000.00

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1	Sulphate	14,250.00	14,250.00
1	Sulphide	39,000.00	39,000.00
1	Surfactants	127,000.00	127,000.00
1	Temperature	4,000.00	4,000.00
1	Total Dissolved Solids (TDS)	16,000.00	16,000.00
1	Total Kjeldhal Nitrogen (TKN)	44,000.00	44,000.00
1	Total Nitrogen (TN)	223,000.00	223,000.00
1	Total Phosphorous (TP)	30,000.00	30,000.00
1	Total Plate Count	31,174.00	31,174.00
1	Total Suspended Solids (TSS)	9,300.00	9,300.00
1	Trihalomethanes (THMs)	648,000.00	648,000.00
1	Turbidity	10,000.00	10,000.00
1	Vibrio cholerae	47,125.00	47,125.00
1	Water conditioning (pre-chlorination)	650,000.00	650,000.00
1	Zinc (Zn)	50,000.00	50,000.00
1	Zooplankton (qualitative & Quantitative)	68,000.00	68,000.00

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