



Contact: BRTC Co-ordinator Chemical Engineering		Phone: 0175-386-0567			
Sl. No.	Name of Test	Test Price (BDT)	VAT (15%) (BDT)	Total (BDT)	Grand Total (BDT)
Chemical Analysis					
1	Alum Al ₂ O ₃ Fe ₂ O ₃ Insoluble Residue(IR)	6500 6500 6500	975 975 975	7475 7475 7475	22425
2	Lime /hydrated CaCO ₃ CaO Size	6500 6500 2600	975 975 390	7475 7475 2990	
3	Bleaching Powder Chlorine Content and boiling loss	6500	975	7475	
4	Paper GSM Bulk Bursting factor Moisture Content Size Thickness	3250 3250 3250 3250 3250 3250	488 488 488 488 488 488	3738 3738 3738 3738 3738 3738	22428
5	Hydrogen Peroxide H ₂ O ₂ Content Specific Gravity at 20°C Thermal Stability	6500 1300 2600	975 195 390	7475 1495 2990	11960
6	Soda Ash (normal or light) Insoluble Residue(IR) Iron Na ₂ CO ₃ Content NaCl pH SO ₄ ²⁻	6500 6500 6500 6500 1300 6500	975 975 975 975 195 975	7475 7475 7475 7475 1495 7475	38870
7	Caustic Soda Na ₂ CO ₃ % Na ₂ SO ₄ % NaCl% NaOH %	6500 6500 6500 6500	975 975 975 975	7475 7475 7475 7475	23000
8	Sea Salt Ca Density Fe IR NaCl% pH SO ₄	6500 2165 6500 6500 6500 2165 6500	975 325 975 975 975 325 975	7475 2490 7475 7475 7475 2490 7475	42355



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9	Cement Insoluble Residue(IR) SiO ₂ Al ₂ O ₃ Fe ₂ O ₃ CaO MgO LOI VOC Sulphide as SO ₃ Chloride	6500 6500 6500 6500 6500 6500 6500 6500 6500 6500	975 975 975 975 975 975 975 975 975 975	7475 7475 7475 7475 7475 7475 7475 7475 7475 7475	74750
10	Zinc Oxide	6500	975	7475	
11	Paint / Red Oxide Primer Flash point Viscosity Drying time Coverage VOC Lead Content Color	2600 2600 6500 6500 6500 6500 2600	390 390 975 975 975 975 390	2990 2990 7475 7475 7475 7475 2990	38870
12	Boiler Scale Ca Mg Iron Silicon	6500 6500 6500 6500	975 975 975 975	7475 7475 7475 7475	
13	Limestone CaO, SiO ₂ , LOI	26000	3900	29900	
14	Polyelectrolyte Color pH Interaction with chlorine Viscosity Water Solubility Jar Test	1300 1300 2710 2710 1100 16250	195 195 407 407 165 2438	1495 1495 3117 3117 1265 18688	29177
15	NPKS Fertilizer Nitrogen as NH ₃ Phosphate as P ₂ O ₅ Potassium as K ₂ O Sulphur as SO ₄	3250 1625 2710 1625	488 244 407 244	3738 1869 3117 1869	10593



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FUEL ANALYSIS					
1	Furnace Oil/diesel/Engine Oil/Transformer Oil/Needle oil				
	Free Acid (value) / Free Base (value)	6500	975	7475	
	TAN/TBN	9000	1350	10350	
	TAN and TBN Combined Package	13000	1950	14950	
	Ash Content	2710	407	3117	
	ASTM color	1350	203	1553	
	ASTM Distillation	5000	750	5750	
	Copper strip corrosion	3000	450	3450	
	Carbon Type	20000	3000	23000	
	Aniline point	2710	407	3117	
	Density	1350	203	1553	
	Fire Point	2710	407	3117	
	Flash Point	2710	407	3117	
	Heating or calorific Value	7500	1125	8625	
	Pour Point	2710	407	3117	
	PH	1350	203	1553	
	Sulphur	7500	1125	8625	
	Viscosity at one temperature	2710	407	3117	
	Viscosity Index (includes viscosity at 40°C and 100°C)	6710	1007	7717	
	Carbon Residue	7500	1125	8625	
	Volatile Content	5500	825	6325	
	Lead	7000	1050	8050	
	Lower Heating Value	10500	1575	12075	
	Cetane Index/Number	5500	825	6325	
	Diesel Index	5500	825	6325	
	Sediment	2710	407	3117	
	Solid Particle	2710	407	3117	
	Water	2710	407	3117	137604
2	Coal/Solid Fuels				
	Heating/calorific Value	7500	1125	8625	
	Sulfur	7500	1125	8625	
	Moisture Content	2710	407	3117	
	Inherent Moisture	2710	407	3117	
	Surface Moisture	2710	407	3117	
	Volatile Matter	3250	488	3738	
	Fixed Carbon	3250	488	3738	
	Size Distribution	5500	825	6325	
	Ash Content	2710	407	3117	43519
3	Rifle Grease (According PX-11)	16250	2438	18688	
4	Rifle Oil (According PX-11)	16250	2438	18688	
5	Natural Gas/Condensate				
	Composition and Heating Value	20000	3000	23000	



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AIR ANALYSIS					
1	Stack/Chimney Gas Analysis (By gastec tubes)				
	SOx	7500	1125	8625	
	NOx	7500	1125	8625	
	CO2	7500	1125	8625	
	CO	7500	1125	8625	
	SPM	27100	4065	31165	
	Noise Level	7500	1125	8625	
	Extra fees for each site visit (dhaka and nearby) (conveyance to be provided by client)	22000	3300	25300	99590
2	Ambient Air Analysis (By gastec tubes)				
	SOx	6500	975	7475	
	NOx	6500	975	7475	
	CO2	6500	975	7475	
	CO	6500	975	7475	
	SPM	27100	4065	31165	
	Noise Level	6500	975	7475	
	Extra fees for each site visit (inside dhaka) (conveyance to be provided by client)	22000	3300	25300	93840



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WATER ANALYSIS					
1	Aluminum (Al)	3000	450	3450	
2	Arsenic (As)	2000	300	2300	
3	Barium (Ba)	1250	188	1438	
4	Biochemical Oxygen Demand (BOD ₅)	2000	300	2300	
5	Boron (B)	2500	375	2875	
6	Calcium (Ca)	1250	188	1438	
7	Carbon dioxide (CO ₂)	1000	150	1150	
8	Chemical Oxygen Demand (COD)	1500	225	1725	
9	Chloride	650	98	748	
10	Cadmium	1250	188	1438	
11	Chromium (Cr), Hexavalent	1500	225	1725	
12	Chromium (Cr), Total	1250	188	1438	
13	Coliform, Fecal	1250	188	1438	
14	Coliform, Total	1250	188	1438	
15	Color	500	75	575	
16	Color (Filtered)	650	98	748	
17	Conductivity	700	105	805	
18	Copper (Cu)	1250	188	1438	
19	Density/ Specific Gravity	500	75	575	
20	Dissolved Oxygen (DO)	500	75	575	
21	Free Ammonia (NH ₃ - N)	1000	150	1150	
22	Fluoride, F	1000	150	1150	
23	Iron (Fe)	750	113	863	
24	Lead (Pb)	1500	225	1725	
25	Magnesium (Mg)	1800	270	2070	
26	Manganese (Mn)	1000	150	1150	
27	Nickel (Ni)	1250	188	1438	
28	Nitrate Nitrogen (NO ₃ - N)	650	98	748	
29	Nitrite Nitrogen (NO ₂ - N)	650	98	748	
30	Oil & Grease	6000	900	6900	
31	pH	500	75	575	
32	Phosphate	1000	150	1150	
33	Silica (SiO ₂)	750	113	863	
34	Sulfate	625	94	719	
35	Sulfide	625	94	719	
36	Total Alkalinity	750	113	863	
37	Total Dissolved Solids (TDS)	1000	150	1150	
38	Total Hardness	1000	150	1150	
39	Total Solids (TS)	1000	150	1150	
40	Total Suspended Solids (TSS)	1000	150	1150	
41	Turbidity	650	98	748	
42	Zinc (Zn)	1250	188	1438	



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Drinking Water Parameters (Package)					
1	pH				
2	Color (True or Apparent)				
3	Turbidity				
4	Total Hardness				
5	Chloride (Cl)				
6	Total Dissolved Solids (TDS)	6000	900	6,900	
7	Manganese (Mn)				
8	Arsenic (As)				
9	Total Iron (Fe)				
10	Total Coliform(TC)				

OTHER TESTS					
1	Thermometer Calibration				
	up to 100 °C	3500	525	4025	
	up to 200 °C	6500	975	7475	
	above 200 °C (up to 250 °C)	8500	1275	9775	
2	Biodegradability of plastic/polymer	55000	8250	63250	
3	Moisture Meter Calibration	25000	3750	28750	
4	Jute Charcoal	37840	5676	43516	Coal Pac.

ADMIXTURE ANALYSIS					
1	pH	1350	203	1553	
2	Specific Gravity	1350	203	1553	
3	Chloride Content	6500	975	7475	
4	Density	1350	203	1553	
5	IR	6500	975	7475	