

Technical Assistance Service Rules

(All Charges Excluding VAT & Taxes)

I. General Technical Services

A. Technical services rendered at customer's premises

A group of at least two experts are usually sent to extend technical assistance services. Terms and conditions of service and service charges are as follows:

- 1. Supervisory personnel service charge**
 - a) Day basis (normal 8 working hours) : Tk. 4,000/-
 - b) Hourly basis (weekly holiday & beyond office hour) : Tk. 700/-
- 2. Non-Supervisory personnel service charge**
 - a) Day basis (normal 08 working hours) : Tk. 1,800/-
 - b) Hourly basis (weekly holiday & beyond office hour) : Tk. 300/-
- 3. Equipment Rent** : Tk.1,200~48,000/-
- 4. Data analysis, reporting & overhead cost**

Data analysis and reporting for each job : Tk.1,200/~12,000/-
(in case of machine per casing)

Overhead charge (on total cost) : 17 – 28 %
- 5. VAT & other charges** : As admissible
VAT & other charges if any, to be added as per govt. rule.
- 6. General conditions**
 - (a) Daily food and living accommodation of TICI personnel shall be arranged by the client at their own account.
 - (b) An overhead cost upto 28% shall be charged depending on location of work place and other conditions.

B. Technical service/Job carried out at TICI site

Charge for Technical service/Job carried-out at TICI site shall be as follows:

- 1. Supervisory personnel service charge**
 - a) Day basis (normal 8 working hours) : Tk. 1,700/-
 - b) Hourly basis (weekly holiday & beyond office hour) : Tk. 700/-
- 2. Non-Supervisory personnel service charge**
 - a) Day basis (normal 08 working hours) : Tk. 600/-
- 3. Equipment Rent**
 - a) Day basis : Tk.500/- ~2,700/-
 - b) Hour basis : Tk.100/- ~400/-
- 4. Data analysis, reporting & overhead**
 - (a) Data analysis & reporting where applicable : Tk. 600/- ~6,000/-
 - (b) Overhead charge (on total cost) : Tk. 17~28%
- 5. VAT & other charges** : As admissible
VAT & other charges if any, to be added as per govt. rule.

II. Chemical Analysis & Environmental Services

A. Analysis carried out at customer's premises

1. **Service charge** : Same as article-I.A.

A group of two experts is usually sent for collection of sample and preliminary analysis at customer's premises. Terms & conditions of service & service charges are guided by the rules laid down in article -I.A.

2. **Cost of analysis per analyte** : Tk. 400/- ~ 5,000/-

Cost of analysis per analyte for any sample collected from customer's premises and analysis work carried out at TICI lab,(as furnished in Table-1)

B. Sample delivered at TICI site. : Tk. 400/- ~ 5,000/-

Chemical analysis fee per analyte for samples delivered at TICI site is furnished in Table-1

C. Contract services/jobs : As per contract

Contract may be made with the customer for technical services. All matters related to contract service like IEE, EIA report preparation, ETP designing and other environmental protection service shall be guided by the terms & conditions of the contract.

Table-1: Fee for chemical analysis & physical measurement

(Sample delivered at TICI site)

<u>SN</u>	<u>Description of analytes/parameters</u>	<u>Rate per analyte (Tk.)</u>
01. Physical measurement		
	Molar weight, volume of reagent chemicals, volume of laboratory glassware, density, specific gravity	: 400/-
02. Water, wastewater, solution & liquid samples		
a)	Physical properties pH, conductivity, turbidity, color, TDS, TSS	: 1,000/-
b)	Non-metallic components Silica, sulphate, sulphide, phosphate, nitrate, chloride, salinity, hardness, ammonia, carbonate, free chlorine	: 1,000/-
c)	Metals & metalloids components Iron, copper, bismuth, aluminum, lithium, silver, chromium, nickel, zinc, lead, manganese, calcium, magnesium, sodium, silica, potassium, cadmium, strontium etc.	: 1,500/-
d)	Organic analyte & indicator parameters Oil & grease, Chemical oxygen demand (COD), Biochemical oxygen demand (BOD)	: 2,000/-
e)	Lubricating oil, edible oil and fat analysis Metal content, iodine value, saponification value, viscosity	: 1,500/-
	Flashpoint, acid value, moisture	: 1,200/-
f)	Microbiological tests Total count, E. coliform count	: 1,500/-
03. Gas sample analysis:		
a)	Gas mixtures Hydrogen, nitrogen, oxygen, argon, CO, CO ₂ , Hydrocarbons (C ₁ ~ C ₆₊)	: 1,200/-
b)	Emission gas analysis: Oxides of sulphur (SO _x), Oxides of Carbon(CO _x), Oxides of nitrogen (NO _x), Oxygen, Nitrogen, Moisture	: 1,500/-
	Temperature, Pressure, Flow rate	: 1,000/-
c)	Indoor air quality analysis: Suspended particulate matter (SPM), VOC, CFC, Methane, ozone, ammonia, SO _x , NO _x CO _x , oxygen, hydrogen sulphide, chlorine	: 2,000/-
04. Solid sample analysis		
a)	Steel, alloys, ores & minerals Iron, copper, bismuth, aluminum, silver, chromium, nickel, zinc, lead, manganese etc.	: 1,800/-
b)	Coal & coke analysis	
	Calorific value fixed carbon, sulphur	: 2,500/-
	Volatile material, ignition loss, ash content	: 1,500/-

Moisture, particle size, density etc.	:	1,000/-
SN Description of analytes/parameters		Rate per analyte (Tk.)
c) Soil & Fertilizer	:	1,500/-
Organic matter, lime requirement, conductivity, nitrogen, sulphur, phosphorous, sulphate, chloride, silica, pH, potassium, calcium, magnesium, copper, iron, aluminum		
d) Boiler scale & sludge analysis	:	1,800/-
Elemental composition, ignition loss		
e) Plants & vegetables		
Determination of elemental constituents	:	1,800/-
Moisture, ash content etc.	:	1,000/-
f) Food products, fish & meat etc.		
Determination of elemental constituents, fat, protein content, carbohydrate, calorific value etc	:	1,800/-
Moisture, ash content, pH	:	1,000/-
g) Animal & poultry feeds		
Determination of elemental constituents	:	1,800/-
Moisture, ash content, pH.	:	1,000/-
Fat, protein content, calorific value etc.	:	1,800/-
h) Pharmaceuticals, drugs, pesticides & cosmetics		
Determination of elemental constituents,	:	1,800/-
Moisture, pH, disintegration value, solvent etc	:	1,000/-
i) Purity of basic chemicals	:	2,000/-
j) Polymers & plastic materials		
Ion exchanging capacity of resin	:	1,500/-
Elemental constituents	:	1,800/-
05. Trace element analysis		
Total arsenic, mercury in soil/solid sample	:	5,000/-
Total arsenic, mercury in water sample		2,000/-
06. Noise & Radiation pollution level	:	2,000/-

Note:

- 1) The analytes not mentioned in the above list can be analyzed by establishing appropriate method. Charge for such analysis shall be determined case wise depending on the job involvement.
- 2) In case of multiple sample (at least three) analysis, the cost for same analyte may be deducted by 20% of the normal rate if given at a time.
- 3) The minimum fee of Tk.1000.00 shall be charged for one analysis in case of total analysis charge is less than Tk. 1000.00.