



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA

No. CPCB/RLB/Lab/G.Corresp/2020-21/ 410

August 10, 2020

TENDER NOTICE

Sub: Inviting sealed quotation for participating in analysis of water / waste water samples

Central Pollution Control Board (CPCB) is a statutory body under the Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi. CPCB, Regional Directorate (South) located at Bengaluru would like to outsource the analysis of water / wastewater samples for a specific time bound work. The parameters for which the analysis to be carried out from these water / waste water samples are given in **Annexure – 1**.

Sealed quotations are invited in single stage two bid system (Technical & Financial bids) from reputed environmental laboratories having a valid NABL accreditation as per ISO/IEC 17025 and recognition as per E (P) Act, 1986 along with valid OH&SMS Certification. The Technical Bid cover shall contain copies of NABL accreditation / E(P)A recognition / OH&SMS certification documents along with list of scope parameters. Financial bid cover shall contain the analysis charges for each parameter along with applicable taxes.

Sealed quotations shall be submitted to this office on or before 28.08.2020; 4.30 PM. The other terms and conditions are given below:

Terms & Conditions:

1. The tender shall be submitted in two parts, viz. Technical bid and Financial bid. The bids shall be kept in two separate sealed covers mentioning on top middle of the covers as Technical bid and Financial bid and both these covers shall be kept in a single cover superscripted with "Quotation for participating in analysis of water / wastewater samples" on top left side of the envelope and sent to this office.
2. Financial bid shall be considered and opened only after qualification in Technical bid. The rates offered by the laboratory shall be valid for a period of one year from the date of issuing confirmation work order.
3. The participating laboratory shall have a valid certificate as per ISO/IEC 17025 & recognition under E (P) Act, 1986 along with OH&SMS. A due weightage shall be given to the laboratory having maximum number of parameters in their NABL scope.

(Continued in next page)

10/8/2020

क्षेत्रीय निदेशालय (दक्षिण) : निसर्ग भवन, ए-ब्लॉक, प्रथम एवं द्वितीय तल, तिम्मय्या रोड, 7-डी मैन, शिवनगर, बेंगलूरु - ५६० ०७९.

Regional Directorate (South) : " Nisarga Bhawan ", A-Block, 1st & 2nd Floors, Thimmaiah Road, 7th D - Main, Shivanagar, Bengaluru - 560 079.

दूरभाष / Telephone : 080-23233739, 23233827, 23233996, 23233600, 23232559, 23226002, 23222539, Fax : 080-23234059

ई-मेल / E-mail : cpcbszo@yahoo.com, zobangalore.cpcb@nic.in

प्रधान कार्यालय : परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली- ११० ०३२.

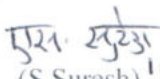
Head Office : Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032.

दूरभाष / Telephone : 011-43102030, Fax : 22305793, 22307078, 22307079, 22301932, 22304948

ई-मेल / E-mail : cpcb@nic.in वेबसाइट / Website : www.cpcb.nic.in

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4. The analysis rate quoted on each parameter given in **Annexure-1** by the participating laboratory shall not exceed the rates notified by CPCB vide Notification No. Legal/42(3)/87 dated 24th October, 2016 (Enclosed herewith as **Annexure-2**).
5. The sampling of water / waste water samples will be carried out by CPCB by following standard procedures and handed over to the participating lab for further analysis.
6. The Test Report shall be submitted to CPCB office within 21 days from the date of samples received by the laboratory, as per the parameter specified / requested by CPCB. The samples shall be retained by the concerned laboratory for 30 days from the date of issue of Test Report to CPCB.
7. The validity of quotation shall be valid for 90 days from opening.
8. DSIR certificate and essentiality certificate will be supplied along with supply order for GST concession.
9. The duly filled in quotation shall reach this office on or before 28.08.2020; 4.30 PM. The quotation shall be sent by registered post or may be dropped in Tender Box kept at this office.
10. Payment shall be made through PFMS after satisfactory submission of Test Report and bills in duplicate within the prescribed time. The TDS will be deducted from source as per prevailing norms, if required.
11. The Competent Authority of the Board has full right to accept or reject any / all tenders / quotation without assigning any reason thereof.
12. Typographical and clerical errors are subject to correction.
13. In case of any queries, Sh.S.Jeyapaul, Scientist 'D' & Lab. Incharge, CPCB, Bangalore (Mob:9449052314 & e-mail id: jeyapaulpcb@yahoo.com) may be contacted for clarification.
14. In the event of any dispute, the decision of Chairman, CPCB shall be binding upon both the parties.


(S.Suresh) 10/8/2020
Regional Director

LIST OF PARAMETERS

Sl. No.	PARAMETER	Sl. No.	PARAMETER
1	pH	52	Antimony
2	Colour	53	Arsenic
3	Odour	54	Barium
4	Conductivity	55	Beryllium
5	Turbidity	56	Boron
6	Total Solids	57	Cadmium
7	Total Dissolved Solids	58	Chromium Total
8	Total Fixed Dissolved Solids	59	Cobalt
9	Total Suspended Solids	60	Copper
10	Settleable Solids	61	Iron
11	MLSS	62	Lead
12	SVI	63	Manganese
13	DO	64	Mercury
14	COD	65	Molybdenum
15	BOD	66	Nickel
16	TOC	67	Tin
17	Phenol	68	Selenium
18	Ammoniacal-N	69	Silver
19	Total Kjeldhal Nitrogen	70	Strontium
20	Free Ammonia	71	Vanadium
21	Nitrate-N	72	Zinc
22	Nitrite-N	73	Alpha BHC
23	Faecal Coliform, MPN/100 ml	74	Beta BHC
24	Total Coliform, MPN/100 ml	75	Gamma BHC (Lindane)
25	Acidity	76	O,P-DDT
26	Alkalinity	77	P,P-DDT
27	Fluoride	78	Alpha Endosulphan
28	Chloride	79	Beta Endosulphan
29	Chlorine Residual	80	Aldrin
30	Bromide	81	Dieldrin
31	Iodide	82	Carbaryl (Carbamate)
32	Sulphate	83	2-4 D
33	Sulphide	84	Malathion
34	Phosphate (Ortho)	85	Methyl Parathion
35	Phosphate (Total)	86	Anilophos
36	Cyanide	87	Chlorpyrifos
37	Silica	88	Polycyclic Aromatic Hydrocarbons (PAHs)
38	Carbon Dioxide	89	Polychlorinated Biphenyls (PCBs)
39	Total Hardness	90	Tri Halo Methanes (THMs)
40	Calcium	91	E.Coli (MPN Technique)
41	Magnesium	92	E.Coli (MFT Technique)
42	Sodium	93	Faecal Coliform (MPN Technique)
43	Potassium	94	Faecal Coliform (MFT Technique)
44	SAR	95	Faecal Streptococci (MPN Technique)
45	Percent Sodium	96	Faecal Streptococci (MFT Technique)
46	Salinity	97	Total Coliform (MPN Technique)
47	Oil & Grease	98	Total Coliform (MFT Technique)
48	Detergents	99	Chlorophyll estimation
49	AOX	100	Total Plate Count
50	Hexavalent Chromium	101	Toxicological - Bio-assay – LC ₅₀
51	Aluminium		

MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE

(CENTRAL POLLUTION CONTROL BOARD)

NOTIFICATION

New Delhi, the 24th October, 2016

No. Legal/42(3)/87.—In exercise of the powers conferred under sub-section (3) of Section 16 and sub-section (2) of Section 17 read with sub-section (4) of Section 4 of the Water (Prevention and Control of Pollution) Act, 1974 (Act 6 of 1974) alongwith rule 28 of the Water (Prevention and Control of Pollution) Rules, 1975, and under sub-section (3) of Section 16 of Air (Prevention and Control of Pollution) Act, 1981 (Act 14 of 1981), the Central Pollution Control Board has established the Board's Laboratories at the places mentioned in Schedule I.

2. The fee payable to the Central Pollution Control Board Laboratories in respect of each report of analysis of various analytical parameters and sampling charges for the water, wastewater, soil, hazardous waste, air / fugitive emissions, source emission, noise monitoring, auto exhaust monitoring and ambient air quality monitoring shall be as per Schedule II: Schedule of sampling and analysis charges for Environmental Samples.
3. The fee prescribed under Schedule II will be subject to revision.

4. This notification shall come into force w.e.f. 01.07.2016.

SCHEDULE – I

SCHEDULE OF BOARD'S LABORATORIES

S. No.	Place	Address
1.	Delhi	'Parivesh Bhawan' East Arjun Nagar Delhi-110 032
2.	Kolkata	Zonal Office – East 502, Southend Conclave 1582, Rajadanga Main Road Kolkata-700 107 West Bengal
3.	Vadodara	Zonal Office – West Parivesh Bhawan Opp. VMC Ward Office No. 10 Subhanpura Vadodara-390 023 Gujarat
4.	Lucknow	Zonal Office – North Ground Floor, PICUP Bhawan Vibhuti Khand, Gomtinagar Lucknow-226010 Uttar Pradesh
5.	Bengaluru	Zonal Office – South 1 st & 2 nd Floors, Nisarga Bhavana A-Block, Thimmaiah Main Road, 7 th D Cross Opp. Pushpanjali Theatre Shivanagar Bengaluru-560 010 Karnataka
6.	Bhopal	Zonal Office - Central 3 rd Floor, Sahkar Bhawan North T. T. Nagar Bhopal-462 003 Madhya Pradesh
7.	Shillong	Zonal Office –North East "TUM-SIR". Lower Motinagar Near Fire Brigade H.Q. Shillong - 793 014 Meghalaya

SCHEDULE-II**SCHEDULE OF SAMPLING AND ANALYSIS CHARGES FOR ENVIRONMENTAL SAMPLES**

(Applicable w.e.f. July 1, 2016)

Note :

(i) This schedule supersedes all schedules of sampling and analysis charges notified earlier as such earlier schedules stand cancelled & withdrawn.

(ii) 50% discount on analytical charges shall be applicable for the samples forwarded from North-Eastern states.

A. SAMPLING CHARGES**(I) Sampling charges for Ambient Air/Fugitive emission samples**

S. No.	Type of sampling	Charges in Rs.
1.	Air Monitoring	
	(a) Sampling (upto each 8 hrs) for suspended particulate matter and gaseous pollutants	3500.00
	(b) Sampling (24 hrs) for suspended particulate matter and gaseous pollutants	10500.00
	(c) Sampling of Volatile Organic Compounds (VOCs)/ Benzene Toluene Xylene (BTX)	3500.00
	(d) Sampling of Poly Aromatic Hydrocarbons (PAHs)	4400.00
	(e) Sampling (24 hrs using PUF HVS) of Ambient Air for Dioxin-Furan (PCDDs-PCDFs) congeners	15000.00
Note:		
(i) Transportation charges will be separate as per actual basis.		
(ii) Sample analysis charges of respective parameters are separate as per list.		
(II)	Source Emission Monitoring/Sampling charges	
S. No.	Type of sampling	Charges in Rs.
1.	Source Emission Monitoring	
	(a) Sampling/measurement of Velocity, Flow rate, temperature and molecular weight of Flue Gas (each specific location/each sample in duplicate for the mentioned parameter)	9600.00
	(b) Sampling of SO ₂ /NO ₂	3500.00
	(c) Sampling of Volatile Organic Compounds (VOCs)/ Benzene Toluene Xylene (BTX)	5300.00
	(d) Sampling of Poly Aromatic Hydrocarbons (PAHs)	6200.00
	(e) Sampling of emission from stationary source for Dioxin-Furan (PCDDs-PCDFs) congeners using Manual Sampling Kit	25000.00
Note :		
(i) Transportation charges will be separate as per actual basis.		
(ii) Sample analysis charges of respective parameters are separate as per list.		
(III)	Noise Monitoring	

S. No.	Type of sampling	Charges in Rs.
I.	Noise Monitoring	
	(a) First Monitoring	7000.00
	(b) Each Subsequent Monitoring within same premises	3500.00
	(c) For 08 hours Continuous Monitoring or more	18000.00
Note :		
(i) Transportation charges will be separate as per actual basis.		
(ii) Sample analysis charges of respective parameters are separate as per list.		
(IV)	Sampling charges for water & wastewater samples	
S. No.	Type of sampling	Charges in Rs.
1.	GRAB SAMPLING:	
	1) Grab sampling/sample/place	960.00
	2) For every additional Grab sampling/same place	440.00
2	COMPOSITE SAMPLING:	
	1) Composite sampling/source/place upto 8 hrs.	1800.00
	- do - upto 16 hrs.	3500.00
	- do - upto 24 hrs.	5300.00
	2) For every additional composite sampling/same place but different source upto 8 hrs.	960.00
	- do - upto 16 hrs.	2000.00
- do - upto 24 hrs.	2900.00	
3	Flow Rate measurement/source - once	700.00
	- do - - every additional	270.00
Note :		
(i) Transportation charges will be separate as per actual basis.		
(ii) Sample analysis charges of respective parameters are separate as per list.		
(V)	Sampling charges for Soil samples	
S. No.	Type of sampling	Charges in Rs.
I.	Grab sampling/sample/place	1050.00
	For additional Grab sampling/same place	530.00
Note :		
(i) Transportation charges will be separate as per actual basis.		
(ii) Sample analysis charges of respective parameters are separate as per list.		
(VI)	Hazardous Waste Sample collection charges at the premises of Industry/Import site/Disposal site	

S. No.	Type of sampling	Charges in Rs.
1	Integrated sample collection charges	1800.00

B. ANALYSIS CHARGES		
(I) Analysis charges of Ambient Air/ Fugitive Emission Samples		
S. No.	Parameters	Charges in Rs.
1	Ammonia	1050.00
2	Analysis using dragger (per tube)	700.00
3	Benzene Toluene Xylene (BTX)	1800.00
4	Carbon Monoxide	1050.00
5	Chlorine	1050.00
6	Fluoride (gaseous)	1050.00
7	Fluoride (particulate)	1050.00
8	Hydrogen Chloride	1050.00
9	Hydrogen Sulphide	1050.00
10	Lead & Other metals (per metal)	As mentioned in respective group at Clause 5.0
11	NO ₂	1050.00
12	Ozone	1800.00
13	Poly Aromatic Hydrocarbons (PAHs)	As mentioned in respective group at Clause 5.0
14	Suspended Particulate Matter (SPM)	1050.00
15	Particulate Matter (PM _{2.5})	1800.00
16	Respirable Suspended Particulate Matter (PM ₁₀)	1050.00
17	Sulphur Dioxide	1050.00
18	Volatile Organics Carbon	3500.00
19	Trace Metals on air filter paper using EDXRF Aluminium, Antimony, Arsenic, Barium, Bromine, Cadmium, Calcium, Cesium, Chlorine, Chromium, Cobalt, Copper, Gallium, Germanium, Gold, Iodine, Iron, Lanthanum, Lead, Magnesium, Manganese, Molybdenum, Nickel, Palladium, Phosphorous, Potassium, Rubidium, Rutherfordium, Selenium, Silicon, Silver, Sodium, Strontium, Sulphur, Tellurium, Tin, Titanium, Tungsten, Vanadium, Ytterbium, and Zinc.	5300.00 Per filter paper
20	Water Extractable ions in Air Particulate Matter using Ion Chromatograph (IC)	
	(i). Processing / Pretreatment Charge per Sample (Filter Paper)	530.00
	(ii). Cations (Na ⁺ , NH ₄ ⁺ , K ⁺ , Ca ⁺² & Mg ⁺²) and Anions (F ⁻ , Br ⁻ , Cl ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , SO ₄ ⁻² & PO ₄ ⁻³)	2100.00 (for 12 ions)
21	Organic and Elemental Carbon (OC/EC) on quartz filter paper	3500.00
22	Sample processing and analysis for Dioxin-Furan (PCDDs-PCDFs) congeners (Isotope Dilution method using GC-HRMS)	75000.00
(II) Analysis Charges for Source Emission Parameters		

S. No.	Parameters	Charges in Rs.
1	Acid Mist	1050.00
2	Ammonia	1050.00
3	Carbon Monoxide	1050.00
4	Chlorine	1050.00
5	Fluoride (Gaseous)	1050.00
6	Fluorides (Particulate)	1050.00
7	Hydrogen Chloride	1050.00
8	Hydrogen Sulphide	1050.00
9	Oxides of Nitrogen	1050.00
10	Oxygen	880.00
11	Polycyclic Aromatic Hydrocarbons (Particulate)	As mentioned in respective group at Clause 5.0
12	Suspended Particulate Matter	1050.00
13	Sulphur Dioxide	1050.00
14	Benzene Toluene Xylene (BTX)	2700.00
15	Volatile Organic Compounds (VOCs)	5300.00
16	Sample processing and analysis for Dioxin-Furan (PCDDs-PCDFs) congeners (Isotope Dilution method using GC-HRMS)	75000.00
(III) Ambient Air Quality Monitoring using on-line monitoring instruments by Mobile Van		
S. No.	Parameters	Charges in Rs.
1	PM ₁₀ , PM _{2.5} , SO ₂ , NO _x , SPM, CO along with Meteorological data viz. temperature, Humidity, Wind speed, Wind direction	6200.00 per hour (minimum charges Rs.15,000/-) + Rs.50.00/km run of the van for 24 hours monitoring
(IV) Auto Exhaust Monitoring - One time checking of vehicular exhaust		
S. No.	Parameters	Charges in Rs.
1	Carbon Monoxide %	As per rate notified by Transport Department
2	Hydrocarbon, PPM	
3	Smoke Density, HSU	
(V) Analysis charges of Water & Wastewater samples		

S. No.	Parameters	Charges in Rs.
PHYSICAL PARAMETERS		
1	Conductivity	110.00
2	Odour	110.00
3	Sludge Volume Index (S.V.I.)	350.00
4	Solids (dissolved)	180.00
5	Solids (fixed)	270.00
6	Solids (volatile)	270.00
7	Suspended Solids	180.00
8	Temperature	110.00
9	Total Solids	180.00
10	Turbidity	110.00
11	Velocity of Flow (Current Meter)	350.00
12	Velocity of Flow (other)	960.00
CHEMICAL PARAMETERS		
Inorganic		
1	Acidity	180.00
2	Alkalinity	180.00
3	Ammonical Nitrogen	350.00
4	Bicarbonates	180.00
5	Biochemical Oxygen Demand (BOD)	1050.00
6	Bromide	180.00
7	Calcium (titrimetric)	180.00
8	Carbon Dioxide	180.00
9	Carbonate	180.00
10	Chloride	180.00
11	Chlorine Demand	350.00
12	Chlorine Residual	180.00
13	Chemical Oxygen Demand (COD)	620.00
14	Cyanide	620.00
15	Detergent	350.00
16	Dissolved Oxygen	180.00
17	Fluoride	350.00
18	H. Acid	620.00
19	Hardness (calcium)	180.00
20	Hardness (total)	180.00
21	Iodide	180.00
22	Nitrate Nitrogen	350.00
23	Nitrite Nitrogen	350.00
24	Percent Sodium	1050.00
25	Permanganate Value	350.00
26	pH	110.00
27	Phosphate (ortho)	350.00
28	Phosphate (total)	620.00
29	Salinity	180.00

30	Sodium Absorption Ratio (SAR)	1050.00
31	Settleable Solids	180.00
32	Silica	350.00
33	Sulphate	270.00
34	Sulphide	350.00
35	Total Kjeldahl Nitrogen (TKN)	620.00
36	Urea Nitrogen	620.00
37	Cations (Na^+ , NH_4^+ , K^+ , Ca^{+2} & Mg^{+2}) and Anions (F^- , Br^- , Cl^- , NO_3^- , NO_2^- , SO_4^{-2} & PO_4^{-3}) in surface & ground water sample using Ion Chromatograph	2100.00 (for 12 ions)
	Metals	
	Processing / pre-treatment Charge per Sample	880.00
1	Aluminium	530.00
2	Antimony	530.00
3	Arsenic	530.00
4	Barium	530.00
5	Beryllium	530.00
6	Boron	530.00
7	Cadmium	530.00
8	Chromium Hexavalent	350.00
9	Chromium Total	530.00
10	Cobalt	530.00
11	Copper	530.00
12	Iron	530.00
13	Lead	530.00
14	Magnesium	350.00
15	Manganese	530.00
16	Mercury (Processing & Analysis)	1400.00
17	Molybdenum	530.00
18	Nickel	530.00
19	Potassium	350.00
20	Tin	530.00
21	Selenium	530.00
22	Silver	530.00
23	Sodium	350.00
24	Strontium	530.00
25	Vanadium	530.00
26	Zinc	530.00
	Organics	
	Organo Chlorine Pesticides (OCPs)	
	Processing / pretreatment Charge per Sample	1800.00
1	Aldrin	700.00
2	Dicofol	700.00
3	Dieldrin	700.00
4	Endosulfan-I	700.00
5	Endosulfan-II	700.00
6	Endosulfansulfate	700.00

7	Heptachlor	700.00
8	Hexachlorobenzene (HCB)	700.00
9	Methoxy Chlor	700.00
10	o,p-DDT	700.00
11	p,p'-DDD	700.00
12	p,p'-DDE	700.00
13	p,p'-DDT	700.00
14	α-HCH	700.00
15	β-HCH	700.00
16	γ-HCH	700.00
17	δ-HCH	700.00
Organo Phosphorous Pesticides (OPPs)		
	Processing / pretreatment Charge per Sample	1800.00
18	Chlorpyrifos	700.00
19	Dimethoate	700.00
20	Ethion	700.00
21	Malathion	700.00
22	Monocrotophos	700.00
23	Parathion-methyl	700.00
24	Phorate	700.00
25	Phosphamidon	700.00
26	Profenophos	700.00
27	Quinalphos	700.00
Synthetic Pyrethroids (SPs)		
	Processing / pretreatment Charge per Sample	1800.00
28	Deltamethrin	700.00
29	Fenpropethrin	700.00
30	Fenvalerate	700.00
31	α-Cypermethrin	700.00
32	β-Cyfluthrin	700.00
33	λ-Cyhalothrin	700.00
Herbicides		
	Processing / pretreatment Charge per Sample	1800.00
34	Alachlor	700.00
35	Butachlor	700.00
36	Fluchloralin	700.00
37	Pendimethalin	700.00
Polycyclic Aromatic Hydrocarbons (PAHs)		
	Processing / pretreatment Charge per Sample	1800.00
38	Acenaphthene	700.00
39	Acenaphthylene	700.00
40	Anthracene	700.00
41	Benz(a)anthracene	700.00
42	Benzo(a)pyrene	700.00
43	Benzo(b)fluoranthene	700.00
44	Benzo(e)pyrene	700.00

45	Benzo(g,h,i)perylene	700.00
46	Benzo(k)fluoranthene	700.00
47	Chrysene	700.00
78	Dibenzo(a,h)anthracene	700.00
49	Fluoranthene	700.00
50	Fluorene	700.00
51	Indeno(1,2,3-cd)pyrene	700.00
52	Naphthalene	700.00
53	Perylene	700.00
54	Phenanthrene	700.00
55	Pyrene	700.00
	Polychlorinated Biphenyls (PCBs)	
	Processing / pretreatment Charge per Sample	1800.00
56	Aroclor 1221	700.00
57	Aroclor 1016	700.00
58	Aroclor 1232	700.00
59	Aroclor 1242	700.00
60	Aroclor 1248	700.00
61	Aroclor 1254	700.00
62	Aroclor 1260	700.00
	Tri Halo Methane (THM)	
	Processing / pre-treatment Charge per Sample	1400.00
63	Bromodichloromethane	700.00
64	Bromoform	700.00
65	Chloroform	700.00
66	Dibromochloromethane	700.00
	Other Organic Parameter	
67	Adsorbable Organic Halogen (AOX)	3500.00
68	Tanin / Lignin	620.00
69	Oil & Grease	350.00
70	Phenol	350.00
71	Total Organic Carbon (TOC)	880.00
	Volatile Organic Acids	620.00
	BIOLOGICAL TEST	
1	Bacteriological Sample Collection	350.00
2	Benthos Organism Identification & Count (each sample)	1050.00
3	Benthos Organism Sample collection	1800.00
4	Chlorophyll Estimation	1050.00
5	E. Coli (MFT technique)	700.00
6	E. Coli (MPN technique)	620.00
7	Faecal Coliform (MFT technique)	700.00
8	Faecal Coliform (MPN technique)	620.00
9	Faecal Streptococci (MFT technique)	790.00
10	Faecal Streptococci (MPN technique)	700.00
11	Plankton Sample collection	440.00

12	Plankton (Phytoplankton) count	1050.00
13	Plankton (Zooplankton) count	1050.00
14	Standard Plate Count	350.00
15	Total Coliform (MFT technique)	700.00
16	Total Coliform (MPN technique)	620.00
17	Total Plate Count	620.00
18	Toxicological - Bio-assay (LC ₅₀)	4900.00
19	Toxicological - Dimensionless toxicity Test	2800.00

Note :

- (i) Sampling charges for water and waste water samples are separate as specified in clause A (IV), but subject to minimum of Rs.700/- irrespective of number of samples.
- (ii) Transportation charges are separate on actual basis.

(VI) Analysis charges of Soil/Sludge/Sediment/Solid waste samples

S. No.	Parameters	Charges in Rs.
1	Ammonia	530.00
2	Bicarbonates	350.00
3	Boron	700.00
4	Calcium	270.00
5	Calcium Carbonate	620.00
6	Cation Exchange Capacity (CEC)	700.00
7	Chloride	270.00
8	Colour	175.00
9	Electrical Conductivity (EC)	175.00
10	Exchangeable Sodium Percentage (ESP)	960.00
11	Gypsum Requirement	620.00
12	H. Acid	700.00
13	Heavy Metal	As mentioned in respective group at Clause 5.0
Trace Metals using ED-XRF		
14	Aluminium, Antimony, Arsenic, Barium, Bromine, Cadmium, Calcium, Cesium, Chlorine, Chromium, Cobalt, Copper, Gallium, Germanium, Gold, Iodine, Iron, Lanthanum, Lead, Magnesium, Manganese, Molybdenum, Nickel, Palladium, Phosphorous, Potassium, Rubidium, Rutherfordium, Selenium, Silicon, Silver, Sodium, Strontium, Sulphur, Tellurium, Tin, Titanium, Tungsten, Vanadium, Ytterbium and Zinc, per sample.	7000.00
15	Magnesium	530.00
16	Mechanical soil analysis (soil texture)	270.00
17	Nitrate	530.00
18	Nitrite	530.00
19	Nitrogen available	620.00
20	Organic Carbon/Matter (chemical method)	620.00

21	Polycyclic Aromatic Hydrocarbons (PAHs)	As mentioned in respective group at Clause 5.0
22	Polychlorinated Biphenyls (PCBs)	As mentioned in respective group at Clause 5.0
23	Pesticides	As mentioned in respective group at Clause 5.0
24	pH	175.00
25	Phosphorous (available)	700.00
26	Phosphate (ortho)	530.00
27	Phosphate (total)	700.00
28	Potash (Available)	350.00
29	Potassium	530.00
30	Sodium Absorption Ratio (SAR) in Soil extract	1140.00
31	Sodium	530.00
32	Soil Moisture	175.00
33	Sulphate	350.00
34	Sulphur	620.00
35	Total Kjehldhal Nitrogen (TKN)	700.00
36	TOC	960.00
37	Total water soluble salts	350.00
38	Water Holding capacity	175.00
39	Sample processing and analysis for Dioxin-Furan (PCDDs-PCDFs) congeners (Isotope Dilution method using GC-HRMS)	75000.00
(VII)	Analysis charges for Hazardous Waste samples	
S. No.	Parameters	Charges in Rs.
1	Preparation of Leachate (TCLP extract/Water Extract)	1750.00
2	Determination of various parameters in Leachate	As mentioned in respective group at Clause 5.0
3	Flash point/Ignitibility	960.00
4	Reactivity	960.00
5	Corrosivity	960.00
6	Measurement of Toxicity	
	- LC ₅₀	4900.00
	- Dimensionless Toxicity	2800.00
7	Total Organic Carbon	880.00
8	Absorbable Organic Halogen (AOX)	3500.00

(VIII)	AQC Participation Fees:	to be charged by CPCB from respective SPCB's/PCC's or Recognized laboratory for Analytical Quality Control exercise (AQC) samples.
1	Laboratories of Govt./Semi Govt./ Public Sector Undertaken/ Autonomous bodies.	18000.00
2	Private Sector Laboratories.	27000.00

S.P.SINGH PARIHAR, Chairman
[ADVT.-III/4/Exty./176/17]

Note: The principal notification was published in the Gazette of India vide No. S.O. 296(E), dated 31.3.1994, and thereafter amended vide No. S.O. 389(E) dated 23.9.1994, No. S.O. 390(E), dated 23.9.1994, No. S.O. 1218(E), dated 1.9.2001 and No. Legal/42(3)/87 dated 15.6.2008.