

List of Lab/Office Equipments

S.No.	FILENAME	QUANTITY	Lab Equipment	Warranty/AMC/CMC	ACTUAL_COST
1	Alpha Counting System	1	Lab Equipment	Nil	1,24,508.00
2	Auto Titrator	8	Lab Equipment	warranty	57,06,590.00
3	Autoclave Vertical	2	Lab Equipment	Nil	9,80,000.00
4	Automated Nutrient Analyzer	2	Lab Equipment	warranty	41,72,283.00
5	BOD Analyzer	1	Lab Equipment	Nil	3,12,000
6	BOD Incubator	2	Lab Equipment	nil	2,60,000.00
7	Bacteriological Incubator	1	Lab Equipment	warranty	80,000.00
8	Beta Counting System	1	Lab Equipment	warranty	9,50,000.00
9	Binocular Stereo-Zoom microscope with camera(plankton study)	1	Lab Equipment	Nil	20,96,770
10	Biometric	4	Lab Equipment	warranty	50,775.00
11	CHNS Analyzer	1	Lab Equipment	warranty	28,80,464.00
12	COD Analyzer	1	Lab Equipment	cmc	6,96,990.00
13	Centrifuge and Cooling Centrifuge	7	Lab Equipment	warranty	40,17,850.00
14	Continuous Flow Analyser	1	Lab Equipment	warranty	71,41,545.00
15	Deep Freezer - 20 Deg C	1	Lab Equipment	nil	3,18,535.00
16	Deep Freezer - 80 Deg C	1	Lab Equipment	nil	7,45,750
17	Digital Balance	5	Lab Equipment	warranty	22,95,000.00
18	Digital Electronic Level - High Precision	2	Lab Equipment	NIL	10,74,600.00
19	Digital Hygrometer	2	Lab Equipment	NIL	93,262.00
20	Digital Lux Meter	1	Lab Equipment	Nil	22,125.00
21	Digital Thermometer	4	Lab Equipment	NIL	2,65,472
22	Digital Weighing Balance and High Precision Top Loading Balance 1000g	2	Lab Equipment	warranty	1,87,500
23	Digital Weighing Balance 2000g	2	Lab Equipment	cmc	55,500.00
24	Digital Weighing Balance 220g	4	Lab Equipment	warranty	2,53,500
25	Digital Weighing Balance Capacity 15000g	1	Lab Equipment	cmc	1,14,000.00
26	EM Sieve Shaker	1	Lab Equipment	NIL	5,64,872.00
27	Freeze Dryer (Lyophilizer)	1	Lab Equipment	Nil	4,25,000.00
28	Fume Hood	1	Lab Equipment	Nil	1,65,000.00
29	Gas Chromatograph with FID + ECD + Column + Accessories	1	Lab Equipment	warranty	26,30,000.00
30	Gas Chromatograph with FID + ECD + HS	1	Lab Equipment	warranty	13,43,653



31	Gas Chromatograph with FID + Methanizer + Columns + Accessories	1	Lab Equipment	warranty	18,28,859.00
32	Gas Chromatograph with NPD + PFPD +ECD + Column + Accessories	1	Lab Equipment	warranty	19,36,759
33	Gas Chromatography (GC with FID and ECD) -Coupled with High Resolution Mass Spectrometry HRMS	1	Lab Equipment	warranty	42,70,000
34	Gel Electrophoresis with Gel Doc System	1	Lab Equipment	NIL	10,15,615.00
35	Gradient PCR Machine	1	Lab Equipment	NIL	3,15,000.00
36	HPLC with Accessories	1	Lab Equipment	warranty	30,87,628
37	Hand Pallet Truck	2	Lab Equipment	NIL	35,200.00
38	High Performance Computing Cluster	1	Lab Equipment	warranty	46,63,088
39	High Temperature Muffle Furnace	1	Lab Equipment	NIL	5,33,040.00
40	High-end Workstation	7	Lab Equipment	warranty	34,80,750
41	Hot Air Oven	2	Lab Equipment	NIL	1,40,000.00
42	Hot Plate	8	Lab Equipment	cmc	4,51,904
43	Hot Plate 1	1	Lab Equipment	NIL	12,000.00
44	Ice Flaking Machine	1	Lab Equipment	warranty	2,95,000
45	Radon Detector System	1	Lab Equipment	CMC	53,045.00
46	Inverted and Upright Microscope with Accessories	1	Lab Equipment	cmc	14,60,000
47	LCD Projectors	4	Lab Equipment	NIL	3,28,800.00
48	Laboratory Salinometer	1	Lab Equipment	cmc	37,60,812.00
49	Laser Particle Size Analyzer	1	Lab Equipment	warranty	37,10,112.00
50	Liquid Scintillation counter with accessories	1	Lab Equipment	warranty	65,82,342.00
51	Magnetic Susceptibility Meter	1	Lab Equipment	NIL	8,64,040.00
52	Microbial Identification System	1	Lab Equipment	warranty	62,57,503.00
53	Mill- Sediment Grinder	1	Lab Equipment	cmc	3,91,260.00
54	Multi Screen Touch and Physical Object recognition (TPOR)	1	Lab Equipment	Nil	17,50,000.00
55	Multi Screen Touch and Physical Object recognition (TPOR) Table	1	Lab Equipment	NIL	13,43,500.00
56	Refrigerated Centrifuge	1	Lab Equipment	NIL	4,50,000
57	Refrigerated Heating Water Bath	2	Lab Equipment	NIL	11,84,000
58	Refrigerated Micro Centrifuge	1	Lab Equipment	NIL	4,39,000.00
59	Refrigerator	8	Lab Equipment	NIL	6,11,000
60	Rotavapor with Vacuum Pump	2	Lab Equipment	NIL	9,26,400.00
61	Solvent Safety Cabinet	4	Lab Equipment	NIL	6,40,000.00
62	Total Organic Carbon Analyzer	1	Lab Equipment	warranty	29,30,000
63	Ultra Pure Water (type I) and Pure water (type II) system	2	Lab Equipment	NIL	9,80,000

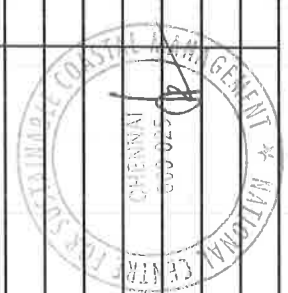
64	Ultra Water Purification System	5	Lab Equipment	Nil	58,79,545.00
65	Ultrasonic Liquid Processor (Sonicator)	2	Lab Equipment	warranty	9,00,952
66	Unified Storage System	1	Lab Equipment	warranty	57,41,885
67	Wave length Dispersive X-ray Fluorescence Spectrometer (WDXRFS)	1	Lab Equipment	warranty	6,01,000
68	Workstation	63	Lab Equipment	warranty	57,91,800
69	A0 Size Scanner	1	GIS LAB	Nil	9,80,000.00
70	A0 size Plotters	2	GIS LAB	Nil	10,92,000.00
71	Deskton PC	38	GIS LAB	nil	9,01,698.00
72	Lan & Intercom	10	GIS LAB	nil	1,23,350.00
73	A3 size B-W Photocopier	1	GIS LAB	Nil	3,13,135.00
74	A3 Size colour photo copier	1	GIS LAB	nil	3,18,128.00
75	CCTV	1		nil	28,130.00
76	Core Switches L3 & L2	2	GIS LAB	warranty	51,66,996.00
77	Fax Machine	1	GIS LAB	warranty	15,625.00
78	Inverter	2	GIS LAB	warranty	27,930.00
79	Split Air Conditioner	29	GIS LAB	warranty	31,14,600.00
80	NAS Storage Boxes	2	GIS LAB	warranty	85,000.00
81	UPS (6kva)	1	GIS LAB	warranty	98,685.00



List of Field Equipments

Annex-2

S.No.	FILENAME	QUANTITY	ON-SEA	OFF-SEA	Warranty/AMC/CM	ACTUAL_COST
1	Acoustic Doppler Profiler(ADP)	4	ON-SEA	OFF-SEA	Warranty	6426135.00
2	Acoustic Doppler Velocimeter(ADV)	3	ON-SEA	OFF-SEA	Warranty	5311470.00
3	Arc Pad GPS - Hand held GNSS receiver	1		OFF-SEA	Warranty	2984000.00
4	Automatic Weather Station	6		OFF-SEA	Warranty	34,05,888
5	Boat Winch	1	ON-SEA		Warranty	10,28,950
6	Day Vision Binoculars	3	ON-SEA		Warranty	86400.00
7	Data Buoy	5	ON-SEA		Warranty	12171777.00
8	DGPS(High Vertical accuracy) Radio modem + GPRS Technology with accessories - with GNSS Permanent Reference Station	1		OFF-SEA	Warranty	1687000.00
9	Diesel Forklifts	1		OFF-SEA	Warranty	2025008.00
10	Digital SLR Camera	2		OFF-SEA	nil	675600.00
11	FLow Cam	1		OFF-SEA	nil	6795142.00
12	Fully Rugged Field Note book	2	ON-SEA		nil	786538.00
13	Gagan Hand Held GPS with PDA	6		OFF-SEA	Nil	1150200.00
14	Hand Held Digital Weather Tracker	3		OFF-SEA	nil	120000.00
15	Hand Held Electronic Distance Meter	4		OFF-SEA	nil	201640.00
16	Hand Held Electronic Range Finder	2		OFF-SEA	Warranty	140400.00
17	Hand Held GPS with PDA	6		OFF-SEA	nil	532800.00
18	High End Laptop	1		OFF-SEA	nil	123928.00
19	Horizontal Water Sampler	4	ON-SEA		nil	9,80,000
20	Leaf Area Index Meter	1		OFF-SEA	Warranty	6,85,000
21	Manifold Filtration unit & vaccum pump	5		OFF-SEA	cmc	2268000.00
22	Mechanical Flow Meter	10		OFF-SEA	Warranty	88900.00
23	Night Vision Binoculars	1		OFF-SEA	nil	90000.00
24	Niskin Water Samplers & Flow Meters	8	ON-SEA		Warranty	17,43,200
25	Noice Level Meter	2		OFF-SEA	nil	5,40,000
26	Plankton Nets	2	ON-SEA		nil	2,48,000
27	Portable Generator	3		OFF-SEA	nil	1,95,615
28	Portable Hydro Carbon Analyser	1	ON-SEA		nil	8190000.00
29	Portable Salinity Refractometers	5	ON-SEA		nil	33750.00
30	Portable Spectro Photometer	2		OFF-SEA	Warranty	5,20,000



31	Portable direct soil pH meter	2		OFF-SEA	Warranty	80080.00
32	Portable pH/ORP/ISE and Temperature meter	2		OFF-SEA	Warranty	1139797.00
33	Precise GPS for control Survey	2		OFF-SEA	Warranty	2424000.00
34	RTK GPS System	1		OFF-SEA	nil	345450.00
35	RTK GPS with accessories and GPRS Hand held RTK GNSS receiver	1		OFF-SEA	Warranty	26,94,000
36	Inflatable Life Jacket	20	ON-SEA		cmc	1,77,000
37	Infrared Thermometer	5		OFF-SEA	nil	203375.00
38	Rugged Laptop	7	ON-SEA		Warranty	1333263.00
39	Sediment Grab Sampler	2	ON-SEA		nil	70000.00
40	Shallow Water Echo Sounder (Dual Frequency)	2	ON-SEA		Warranty	6415825.00
41	Single Filtration Unit and Vacuum Pump	7		OFF-SEA	cmc	29,80,110
42	Spectrofluorometer with accessories	2		OFF-SEA	Warranty	16,85,448
43	Total Station	1		OFF-SEA	Nil	559000.00
44	Total Station with Accessories	3		OFF-SEA	cmc	32,49,000
45	Under Water Camera with Accessories	3	ON-SEA		nil	249652.00
46	Underwater PAM Fluorometer	1		OFF-SEA	Warranty	27,10,000
47	Water Quality Probe	4	ON-SEA		Warranty	20,07,022
48	Water Quality Probe with all accessories	3	ON-SEA		nil	19,11,450
49	Water Quality profiler with accessories	4	ON-SEA		Warranty	4950500.00
50	Wave Rider Buoy	1	ON-SEA		Warranty	53,46,030
51	Integrated Survey	1		OFF-SEA	cmc	3534300.00
52	Tablets	80		OFF-SEA	Warranty	2158960.00

