



PROCUREMENT PLAN 2026-27

CSIR-IITR [PROCUREMENT PLAN 2026-27 under BH-P-50]

REACT DIVISION

Sl. No.	Name of Equipment	Estimated Budget (INR)
1.	Magnetic stirrer - 2	45,000
2.	Table top Water bath	50,000
3.	Water Softener Unit	53,000
4.	Digital Hot Plate (up to 500)	65,000
5.	Vacuum pump (40 LPM)	80,000
6.	Horizontal Electrophoresis Unit	80,000
7.	TEER measurement device	1,00,000
8.	Orbital shaker	1,00,000
9.	Microcentrifuge - 2	1,00,000
10.	Sonicator - 2	1,50,000
11.	R O system, 20 litter/hour capacity at MGMC - 3	1,50,000
12.	Thermostatic Waterbath - 2	1,50,000
13.	Spirometer	2,00,000
14.	-20 deep freezer (>1000 L capacity, Double Door, Frost Free)	2,00,000
15.	Slide Warming Table	2,00,000
16.	Tissue flotation Bath	2,00,000
17.	Powerpack system for Electrophoresis (350W)	2,00,000
18.	pH meter with micro electrode - 2	2,50,000
19.	Analytical Balance - 2	3,00,000
20.	Disinfectant Fogger	3,00,000
21.	Nasal NO /FeNO measurement device	3,50,000
22.	Centrifuge	5,00,000
23.	Indoor air Monitoring devices (each for 7 gases, VOC, 3 PMs)	5,00,000
24.	Class-II Biological Safety Cabinet	5,00,000
25.	Western Blot Apparatus with Power Pack	5,00,000
26.	Animal Weighing Balance - 2	5,00,000
27.	Automatic cell counter - 2	7,00,000
28.	Deep freezer -80 degree	8,00,000
29.	Refrigerated centrifuge	10,00,000
30.	Locomotor Activity Meter	10,00,000
31.	Deep Freezer (Microbiology; CRK)	12,00,000
32.	Lyophilizer/Freeze dryer	15,00,000
33.	Small Animal Behaviour Monitoring System	18,50,000
34.	Inverted Fluorescence Microscope	20,00,000
35.	Automatic Rotary Microtome	20,00,000



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36.	Automatic Tissue Cassette Printer	20,00,000
37.	Ultrapure Water purification System	25,00,000
38.	Non-invasive BP+ECG monitor for rats/mice	25,00,000
39.	Standalone Zebrafish Housing System	38,50,000
40.	Fluorescence Spectrophotometer	40,00,000
41.	Vacuum Assisted tissue processor	40,00,000
42.	Luminex Instruments and Multiplex Assays	60,00,000
43.	Double-door bulk autoclave	1,00,00,000
FEST DIVISION		
1	Microwave	25,000
2	pH meter	25,000
3	Cryocan Container	30,000
4	Hot plate with magnetic stirrer	40,000
5	pH Meter - 3 points	50,000
6	Digital Vortex Mixer	50,000
7	Microcentrifuge Rotator (Rotospin)	50,000
8	Vortex	50,000
9	Refrigerator 4 C	50,000
10	Spinwin: Tabletop Mini centrifuge	50,000
11	Refrigerator	70,000
12	Refrigerator	80,000
13	Portable handheld UV lamp	1,00,000
14	Analytical Balance 220 g/ 0.1mg	1,00,000
15	pH meter	1,00,000
16	Incubation shaker	1,00,000
17	ROCKER-SHAKER	1,00,000
18	ROCKER-SHAKER	1,00,000
19	Double stacking, auto start rocker-shaker for western blotting	1,00,000
20	Mini Rocker	1,20,000
21	GFP light cube	1,20,000
22	Sonicator (Water-based, Temperature Controlled)	1,50,000
23	Hot Air Oven	1,50,000
24	Water bath (10 L)	1,50,000
25	Weighing Balance	1,50,000
26	Magnetic stirrer with hot plate (MULTI PLATES)	1,50,000
27	Weighing Balance (Digital)	2,00,000
28	Vacuum Pump	2,00,000
29	Trans-Blot Turbo Transfer System	2,00,000
30	40X objective for Fluorescence microscope	2,30,000



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31	Thermomixer	3,00,000
32	Vertical Gel Electrophoresis and western blot transfer unit with power pack	3,00,000
33	Autoclave	4,00,000
34	Weighing balance (5 digit)	4,00,000
35	Gel Electrophoresis Unit (with powerpack)	4,00,000
36	Semi micro-Weighing balance (5 digit)	5,00,000
37	Table Top Laminar for RNA/DNA Work	5,00,000
38	Stero Microscope	5,00,000
39	Peristaltic Perfusion Pump	5,00,000
40	Spectrophotometer double beam (with print by system & a valid calibration certificate)	6,00,000
41	Probe Sonicator	7,00,000
42	Multiple Flue Gas Analyser (including a valid calibration certificate) (BS)	8,00,000
43	CO2 incubator	8,00,000
44	CO2 incubator	12,00,000
45	CO2 incubator	12,00,000
46	Inverted Microscope with Pc & Camera	20,00,000
47	Plate Reader	25,00,000
48	Microplate reader	30,00,000
49	Multimode plate reader	35,00,000
50	Flow Cytometer Cell Sorter	4,00,00,000
ASSIST DIVISION		
1.	Vertex shaker	45,000
2.	Vortex (2)	50,000
3.	Water bath	50,000
4.	Oil-free pump for wastewater sample filtration assembly	60,000
5.	Refrigerator (4°C) (1 nos.)	70,000
6.	Centrifuge (2)	1,00,000
7.	-20 Fridge	1,00,000
8.	Dehumidifier	1,00,000
9.	Magnetic hot plate stirrer (set of 2)	1,00,000
10.	Rotospin (02)	1,20,000
11.	UV Torch/Lamp	1,25,000
12.	Refrigerators 400 L (02)	1,50,000
13.	Vacuum filtration unit with pump	1,50,000
14.	Hot air oven	2,00,000



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15.	Multi heating mantle (2)	2,00,000
16.	Dry bath	2,50,000
17.	Stability chamber (1)	3,00,000
18.	Analytical balance	3,00,000
19.	Homogenizer (1)	3,50,000
20.	Probe Sonicator	3,50,000
21.	Camera mounted photoimaging light cabinet	4,00,000
22.	Stability chamber (02)	5,00,000
23.	Fume Hood	5,00,000
24.	UPS 3KV (05)	5,00,000
25.	Grinding Mill	6,50,000
26.	High-Vacuum pump for lyophilizer	7,00,000
27.	Vaccum concentrator	7,00,000
28.	Temperature controlled centrifuge	8,00,000
29.	Refractometer	8,50,000
30.	BOD Incubator	10,00,000
31.	-80 °C Refrigerator	10,50,000
32.	Freezer -80 (ultra-low freezer)	12,00,000
33.	Double Beam Spectrophotometer	14,00,000
34.	Incubator shaker	15,00,000
35.	CO2 incubator oxygen-controlled (1)	15,00,000
36.	Surface Texture Analyzer (1)	15,00,000
37.	Parallel evaporation system	20,00,000
38.	Refrigerated Centrifugal Concentrator	20,00,000
39.	High volume Liquid nitrogen Cell storage containers (2 nos)	20,00,000
40.	Auto Titrator	22,00,000
41.	Flourescence Spectrometer	25,00,000
42.	Particle size analyzer	30,00,000
43.	High Performance Liquid Chromatography (01)	40,00,000
44.	Microplate Reader	43,00,000
45.	Differential Scanning Calorimetry (DSC)	45,00,000
46.	Upgradation of existing Liquid Nitrogen Plant to 40 litre per day capacity	60,00,000