

Updated on 24-04-2024

[CSIR-CFTRI]

PROCUREMENT PLAN*

(*Please read the note given at the end)

A FOR THE FINANCIAL YEAR 2024-25

A (a) EQUIPMENT

(i) Equipment: Out of CSIR Infra Grant

Sr. No.	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1	High moisture extruder	1	600.00
2	Freeze drier	1	18.00
3	Multimode reader	1	20.00
4	Elix Essential 3 & Synergy-UV with 50 L Reservoir	5	37.79
5	Gel Imagine System	1	11.56
6	Soxhlet	1	1.19
7	Bom calorimeter	1	1.89
8	High speed Bench Top centrifuge	1	9.99
9	Auto Solid discharge/Bench Scale Centrifuge	1	60.00
10	High Pressure Homogenizer	1	40.00
11	Electron Microscope	1	400.00
12	Universal Texture Analyzer	1	75.00
11	Fume Hood	1	3.00
13	Ultra pure waterpurification system	1	38.00
14	High pressure homogeniser	1	15.00
15	LC-MSMS	1	195.00
16	Spectrofluorometer	1	18.00

(ii) Equipment: Out of CSIR Funded Projects

Sr. No.	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/Code	Approximate Cost (Rs. In Lakhs)
1	Moisture analyser	1	NWP100	1.3
2	Impact Pulverizer	1	NWP100	4.98
3	Extruders	1	NWP100	13.00
4	Post extrusion dryer	1	NWP100	2.00
5	Drum Coater	1	NWP100	5.00
6	Baking Convention oven	1	NWP100	2.00
7	Ethylene analyser	1	HCP-54	5.00

(iii) Equipment: Out of Externally Funded Projects (EFP)

Sr. No.	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/Code	Approximate Cost (Rs. In Lakhs)
1	LC MS/MS(HRDMS/MRT)	1	GAP0640	80.00
2	Homogenizer	1	GAP0643	5.00
3	Rheometer	1	GAP0643	8.00
4	Lab scale 3D printing machine	1	GAP0643	7.00
5	Refrigerated centrifuge	1	GAP0643	15.00
6	Ultra-low freezer	1	GAP0643	7.00
7	Thermal cycler	1	GAP0643	5.00
8	BoD incubator	1	GAP0643	6.00
9	-80 freezer	1	GAP0648	8.00
10	Real Time PCR	1	GAP0648	10.00
11	Biosafety Cabinet	1	GAP0648	8.00

A (b)	CONSUMABLES
--------------	--------------------

Sr. No.	Category	Expected Procurement Value (Rs. In Lakhs) Out			
		Out of CSIR Infra Grant	Out of CSIR Funded Projects	Out of Externally Funded Project (EFP)	Total (Rs. In Lakhs)
1	R&D Consumables for closed loop systems (by equipment name eg. Kits for Illumina sequencer)	100	20	50	170
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	400	100	200	700
3	Other Consumables(ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	200	100	150	450
4	Glass wares (ex- name the different glass wares)	100	20	50	170
5	Plastic wares (ex- Name the different plastic wares)	50	10	50	110
6	Toner Cartridges.	25	5	10	40
7	Batteries, etc.	10		5	15
8	Gases (ex- tentative names)	50		10	60
9	Maintenance/AMC/repairing of existing equipment	100	10	10	120
10	Stationery items (ex- name a few)	100	10	20	130
11	IT / software-related Items (Name the items required during year)	200	20	50	270
12	Furniture (Name the items required during year)	100			100
13	Electric Items (Name the items required during year)	200			200

B	FOR NEXT 2-4 FINANCIAL YEARS (2025-29) (From 01/04/2025 to 31/03/2029)
----------	---

B (a)	EQUIPMENT
--------------	------------------

Sr. No.	Name of Major Equipment	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1	Small animal Live imaging	1	350.00
2	Time domain NMR	1	120.00
3	Portable mass spectrometer	1	110.00
4	Heating ventilation and air conditioning for animal house	1	60.00

B (b)	CONSUMABLES
--------------	--------------------

Sr. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	R&D Consumables for closed loop systems (by equipment name eg. Kits for Illumina sequencer)	850.00
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	3500.00
3	Other Consumables(ex-Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essentialoils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	2250.00
4	Glass wares (ex- name the different glass wares)	850.00
5	Plastic wares (ex- Name the different plastic wares)	550.00
6	Toner Cartridges.	200.00
7	Batteries, etc.	75.00
8	Gases (ex- tentative names)	300.00
9	Maintenance/AMC/repairing of existing equipment	600.00
10	Stationery items (ex- name a few)	650.00
11	IT / software-related Items (Name the items required during year)	1350.00
12	Furniture (Name the items required during year)	500.00
13	Electric Items (Name the items required during year)	1000.00

Note:

- The above procurement plan is dynamic and could be revised as often as may be necessary with the approval of the Competent Authority.
- The procurement of the chemicals & consumables would be based on the need and ongoing requirement of R&D activities of Lab/Instt.
- The procurement is subject to the fund's availability/release of sufficient grant from CSIR / funding agency.
- The indicated procurement value is an estimate only.