

**Updated on: 06/09/2024**

**CSIR-Central Salt and Marine Chemicals Research Institute**

**(Research Planning Cell)**

**Five-Year Procurement Plan (2024-2029)**

**(In-house Project and Centrally Funded Projects)**

**\*: इस सूची के प्रकाशन को खरीद प्रक्रिया की शुरुआत के रूप में नहीं माना जाएगा और बोली दस्तावेज जारी करने या संभावित बोलीदाताओं को कोई अधिकार प्रदान करने के लिए सीएसआईआर-सीएसएमसीआरआई पर कोई दायित्व नहीं डाला जाएगा (जीएफआर 2017 का नियम 144(x)) |**

**\*: The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-CSMCRI to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(In-house Project)**

**(P-50 Budget Head)**

<b>Name of the Discipline: PDED</b>	<b>Name of Divisional Chair: Dr J R Chunawala</b>
<b>Project Number: MLP 0030</b>	

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Basket Centrifuge (24 inch basket diameter) with lining	01	Indigenous	7	07 months
2	Tube furnace (pilot scale)	01	Indigenous	10	08 months
3	Tubular centrifuge	01	Indigenous	10	08 months
4	Dryer	01	Indigenous	05	02 years
5	Evaporator	01	Indigenous	05	02 years
6	Solar membrane distillation testing system	01	Indigenous	10	02 years
7	Total UV meter	01	Indigenous	10	02 years
8	16+20 data logging system	01	Indigenous	6	02 years
9	ANSYS Server upgradation 24 core	01	Indigenous	20	02 years
10	Chiller plant ( pilot scale)	01	Indigenous	5	03 years
11	Autoclave 25 lit capacity with pump, HMI panel , Pumps , and Structure	01	Indigenous	15	03 years
12	Boiler System	01	Indigenous	30	03 years

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Chiller Plant ( lab Scale)	01	Indigenous	4.00	04 months
2	Steam Jacketed Open Pan Evaporator (working volume: 100 L)	01	Indigenous	3.50	04 months
3	Hydrostatic testing machine	01	Indigenous	0.50	03 months
4	Autoclave	01	Indigenous	0.60	06 months
5	Refrigerated centrifuge	01	Indigenous	5.00	07 months
6	Dissolved CO2 Probe	01	Indigenous	2.50	04 months
7	Digital manometer	03	Indigenous	1.50	03 months
8	Data Logger	01	Indigenous	2.50	06 month

9	Peristaltic pump	02	Indigenous	1.00	03 months
10	Centrifugal pump	03	Indigenous	1.50	03 months
11	Vacuumed pump with moisture filter (Lab)	01	Indigenous	1.00	03 months
	Expeller	01	Indigenous	5.00	2 years
12	Digital weight balance	02	Indigenous	1.00	3 years
13	Hybrid Solar thermal Dryer (commercial)	01	Indigenous	5.00	1 year
14	Laboratory tray dryer	01	Indigenous	3.00	5 year
15	Solar flat plate water heater	01	Indigenous	0.50	1 year
16	ETC water heater	01	Indigenous	0.50	1 year
17	Laboratory heat pump (02)	02	Indigenous	1.20	1 year
18	Dehumidifier	02	Indigenous	1.20	1 year
19	Filter press system	01	Indigenous	5.00	2 years
20	Pulverizer	01	Indigenous	4.00	3 years

(Add Row if needed)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(In-house Project)**  
**(P-07 Budget Head)**

<b>Name of the Discipline: PDED</b>	<b>Name of Divisional Chair: Dr J R Chunawala</b>
<b>Project Number: MLP 0030</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	6.00
2	Glassware	3.00
3	Plastic ware	3.00
4	R & D Equipment's	5.00
5	Works & Services	3.00
6	Repair & Job work	3.00
7	Cartridge	0.50
8	Gas Cylinders	0.40
9	Software	----
10	Electrical and Electronic items	1.00
11	Stationery	0.50
12	Annual maintenance contract	5.00
13	IT related consumables	0.25
14	UPS batteries	0.50

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five-Year Procurement Plan-2024-29**

**(In-house Project)**

**(P-50 Budget Head)**

<b>Name of the Discipline: AESD&amp;CIF</b>	<b>Name of Divisional Chair: Dr. B. Ganguly</b>
<b>Project Number: MLP0072</b>	

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Potentiostat instrument	1	Imported/ Indigenous	20	
2	LYNX Tablet Dissolution Test Apparatus	1	Imported/ Indigenous	6.5	As soon as the budget is allocated
3	METTLER TOLEDO™ Hot Stage Microscopy System HS82		Imported/ Indigenous	25	As soon as the budget is allocated
4	Multigas Analyzer with H2/O2 Sensors	01	Indigenous	6.0	2024-2025
5	Autotitrator	01	Indigenous	6.0	2025-2026

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Tube Furnaces	1	Indigenous	3	
2	Spin coater	1	Indigenous	2	
3	Lab Microscope	1	Indigenous	0.5	
4	Membrane Casting Machine	1	Indigenous	4	
5	Conductivity meter	1	Indigenous	2	
6	TDS meter	1	Indigenous	0.5	
7	Diffusion Cell Apparatus - EMFDCO6	1	Imported/ Indigenous	2	As soon as the budget is allocated
8	IKA Plate (RCT digital)	1	Imported/ Indigenous	1.2	As soon as the budget is allocated
9	pH METER	1	Imported/ Indigenous	0.2	As soon as the budget is allocated
10	pH meter	1	Indigenous	0.5	2025-2026
11	pH meter	1	Indigenous	5	December 2024

12	Analytical Balance Model	1	Imported/ Indigenous	2.5	As soon as the budget is allocated
13	Plate Shaker	1	Indigenous	1	2024-2025
14	Waveform Generator	1	Indigenous	1.5	2024-2025
15	Stirrers	2	Indigenous	1	2024-2025
16	UV handheld lamp	1	Indigenous	0.3	2024-2025
17	CPU & UPS	1	Indigenous	1	2025-2026
18	Chiller	1	Indigenous	1	2025-2026
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
19	Table top centrifuge	1	Indigenous	0.5	2025-2026
20	Vacuum oven	1	Indigenous	1	2025-2026
21	Peristaltic pumps	4	Indigenous	2	2025-2026
22	Analytical Balance	1	Indigenous	2	2025-2026
23	Vacuum Oven with Temperature controller	1	Indigenous	4	December 2024
24	Vacuum Pump	1	Indigenous	1	December 2025
25	Mechanical shaker	1	Indigenous	1	December 2024
26	Ice maker	1	Indigenous	1	December 2024
27	Magnetic stirrer	4	Indigenous	2.5	2025
28	Multi-Function maintain	1	Indigenous	0.4	GeM/LPC
29	Laptop	1	Indigenous	1	GeM/LPC
30	Attachments to exactify Instrument (at required)		Indigenous	10	GeM/LPC

(Add Row if needed)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five-Year Procurement Plan-2024-29**  
**(In-house Project)**  
**(P-07 Budget Head)**

<b>Name of the Discipline: AESD&amp;CIF</b>	<b>Name of Divisional Chair: Dr. B. Ganguly</b>
<b>Project Number: MLP0072</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	109
2	Glassware	36
3	Plastic ware	32
4	R & D Equipment's	28
5	Works & Services	27
6	Repair & Job work	32
7	Cartridge	13
8	Gas Cylinders	7
9	Software	26
10	Electrical and Electronic items	7
11	Stationery	30.5
12	Annual maintenance contract	10
13	IT related consumables	8
14	UPS batteries	1.5

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(In-house Project)**

**(P-50 Budget Head)**

<b>Name of the Discipline: Applied Phycology and Biotechnology</b>	<b>Name of Divisional Chair: Dr. Vaibhav Mantri &amp; Dr. Arup Ghosh</b>
<b>Project Number: MLP0073</b>	

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No .</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Bench top vacuum concentrator	1	Imported	36 Lakhs	6 months
2	Refrigerated Centrifuge	2	Imported	12 lakhs	6 months-2 years
3	Microplate reader with cuvette option	1	Imported	13 lakhs	6 months
4	Autoclave	2	Imported	18 lakhs	6 months- 2 years
5	Leaf area meter	1	Imported	10 lakhs	3 year
6	Freeze dryer	1	Imported	25 lakhs	4 year
7	Kjeldahl apparatus	1	Indigenous	10 lakhs	4 year
8	Ultra low temperature freezer	1	Indigenous/imported	6-7 lakhs	3 year
9.	Incubator (multithermo chamber)	1	Imported	16 lakhs	2-3 years
10	Light microscope	1	Indigenous/imported		1 year
11	Inverted microscope	1	Imported	25 lakhs	4 years
12	Ultrapure water purification system	1	Indigenous	5 lakhs	2 years
13	UV-Vis Spectrophotometer	3	Imported	23 lakhs	2-3 years
14	Tubular bowl continuous centrifuge (15000	1	Indigenous/imported	9 lakhs	2-3 years



	rpm with 10L bowl)				
15.	Refrigerated centrifuge (18000-20000 rpm)	1	Imported	20 lakhs	4 years
16	Temperature controlled centrifuge	1	Imported	9 lakhs	3 years
17	Algal growth chamber (165L	1	Indigenous/imported	35 lakhs	3-4 years
18	Customized photobioreactor (250-500L)	1	Indigenous/imported	7.5 Lakhs	2-3 years
19	HPC computer server	1	Indigenous/imported	35 lakhs	2 year
20	Autoanalyzer chemistry units	4	Imported	30 lakhs	3-4 years
21	Scuba kit with oxygen cylinder	2 nos	Indigenous/imported	7 lakhs	3 years
22	Seaweed crusher	1	Indigenous	5 lakhs	2-3 year

Non- Consumable Items Below 5 Lakh					
Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Imported/ Indigenous	Approximate Cost (Rs. in Lakhs)	Tentative period of Procurement
1	Flame photometer	1	Indigenous	1.5 lakhs	3 year
2	Freezer -20°C	2	Indigenous	1.5 lakhs	3 year
3	Liquid nitrogen container	1	Imported	3 lakhs	2 year
4	Ice flaking machine	1	Imported	4.5 lakhs	3 year
5	UPS	3	Indigenous	1 lakh	2-3 year
6	Digital Balances	3	Indigenous	0.5 lakhs	2 year
7	Precision balance	1	Imported	1.0 lakh	2 year
8	Analytical balances	1	Imported	1.5 lakh	2-3 year
9	Hot plate with stirrers	3	Indigenous/imported	1.5 lakhs	3year
10	pH meter	1	Indigenous	0.5 lakhs	3 year
11	Multiparameter meter	1	Indigenous	1 lakh	2-3 year
12	Stabilizers	5	Indigenous	0.5 lakhs	1 year
13	Grinder	1	Indigenous	0.1lakhs	2 year

14	Wiley mill	1	Indigenous	1.0 lakhs	3 year
15	NAS drive	1	Indigenous/imported	0.6 lakh	2 year
16	Audio visual tool for streaming	1	Indigenous/imported	3.5 lakhs	2-3 year
17	Shakers	2	Indigenous/imported	2 lakhs	2 year
18	Water bath	1	Imported	3 lakhs	3 year
19	Oven	2	Indigenous/imported	4.5 lakhs	4 year
20	Laptop	1	Indigenous/imported	1.5 lakhs	2 year
21	Ipad	1	Imported	1.5 lakhs	2 year
22	Printers	4	Indigenous/imported	2 lakhs	2-3 year

(Add Row if needed)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(In-house Project)**  
**(P-07 Budget Head)**

<b>Name of the Discipline: Applied Phycology and Biotechnology</b>	<b>Name of Divisional Chair: Dr. Vaibhav Mantri &amp; Dr. Arup Ghosh</b>
<b>Project Number: MLP0073</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	85 Lakhs
2	Glassware	20 lakhs
3	Plastic ware	20 lakhs
4	R & D Equipment's	30 lakhs
5	Works & Services	30 lakhs

6	Repair & Job work	50 lakhs
7	Cartridge	5 lakhs
8	Gas Cylinders	3 lakhs
9	Software	20 lakhs
10	Electrical and Electronic items	5 lakhs
11	Stationery	5 lakhs
12	Annual maintenance contract	15 lakhs
13	IT related consumables	10 lakhs
14	UPS batteries	3 lakhs

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(In-house Project)**  
**(P-50 Budget Head)**

<b>Name of the Discipline: NPGC</b>	<b>Name of the Division:</b>
<b>Project Number: MLP0074</b>	<b>Project Leader: Dr. Kamalesh Prasad</b>

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Rotary evaporator	2	Imported	20 (10 each)	2024-2026
2	Advanced Photo reactor	1	Imported	8	2024-2026
3	Electrochemical reaction station	1	Imported/ <b>Indigenous</b>	7	2024-2026
4	Digital Viscometer	1	Imported	10	2024-2025
5	Advanced Rheometer	1	Imported	100	2026-2029
6	Universal testing machine	1	Imported	25	2025-2027
7	Tomy Autoclave	1	Imported	20	2024-2026
8	Hydraulic press	1	Indigenous	6	2024-2026
9	HPLC	1	Imported	40	2026-2028
10	Glove box	1	Imported	50	2025-2027

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Vacuum pump	03	Indigenous	2.5 each	2025-2026
2	Printer	01	Indigenous	1.5	2025-2026
3	Analytical balance	1	imported	2.00	2024-2026
4	Melting point instrument	1	Indigenous	0.50	2024-2026
5	Schlenk line setup	2	Indigenous	4.00 each	2024-2026
6	Chiller circulator	2	Imported/ Indigenous	3.0 each	2024-2026
7	Magnetic stirrer with hotplate	5	Imported/ Indigenous	0.6 each	2024-2026
8					
9					

(Add Row if needed)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(In-house Project)**  
**(P-07 Budget Head)**

<b>Name of the Discipline: NPGC</b>	<b>Name of Divisional Chair: Dr. Kamalesh Prasad</b>
<b>Project Number: MLP0074</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	100
2	Glassware	12
3	Plastic ware	10
4	R & D Equipment's	5
5	Works & Services	5
6	Repair & Job work	5
7	Cartridge	2
8	Gas Cylinders	3
9	Software	10
10	Electrical and Electronic items	5
11	Stationery	2
12	Annual maintenance contract	10
13	IT related consumables	3
14	UPS batteries	3

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five-Year Procurement Plan-2024-29 (In-House Projects)**

(P-50 Budget Head)

<b>Name of the Discipline: MSST</b>	<b>Name of Divisional Chair: Dr. VK Shahi</b>
<b>Project Number: MLP0075</b>	

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Membrane skid for 1 MLD SWRO plant	01	Indigenous	357.694*	2025
2	Solvent Resistant Pump	01	Indigenous	10	2026
3	Viscosity Rheometer	01	Imported	15.0	2027
4	Reinforced hollow fiber spinning unit	01	Imported	100	2028
5	Membrane casting system	01	Indigenous	40	2025

\*Partial contribution by CSIR in the procurement if the membrane skid under a project approved by DST India.

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Conductivity meter	01	Imported	1.5 Lakhs	2025
2	Jar mill	01	Indigenous	2.5 Lakhs	2025
3	Blower	02	Indigenous	0.5	2024
4	Peristaltic pumps	02	Indigenous	3	2025
5	Recirculating Chiller	02	Indigenous	4	2025
6	Centrifugal Monoblock Pump	5	Indigenous	0.5	2025
7	Digital hot plate with temperature sensor	02	Indigenous	1	2026
8	Benchtop Multi Parameter tester for water analysis	01	Indigenous	0.5	2027
9	Probe Sonicator	01	Indigenous	3	2027
10	Weighing balance	02	Indigenous	2	2028

(Add Row if needed)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five-Year Procurement Plan-2024-29 (In-House Projects)**  
**(P-07 Budget Head)**

<b>Name of the Discipline: MSST</b>	<b>Name of Divisional Chair: Dr. VK Shahi</b>
<b>Project Number: MLP0075</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals/R & D Consumable/polymers/solvents/fabric/piping/fittings/valves etc	100
2	Glassware	2.5
3	Plastic ware	2
4	R & D Equipment's	0
5	Works & Services	0
6	Repair & Job work	0
7	Cartridge	1
8	Gas Cylinders	1
9	Software	2
10	Electrical and Electronic items	0
11	Stationery	0
12	Annual maintenance contract*	14
13	IT related consumables	3
14	UPS batteries	2

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(In-house Project)**  
**(P-50 Budget Head)**

<b>Name of the Discipline: MSST</b>	<b>Name of Divisional Chair: Vinod K Shahi</b>
<b>Project Number: MLP 076</b>	

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Refrigerated Table Top Centrifuge	1	Indigenous	8	2024-2025
2					
3					
4					
5					
6					

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Membrane casting Unit	1	Indigenous	5	2024-25
2					
3					
4					
5					
6					

(Add Row if needed)

Signature of PI/Project



**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(In-house Project)**  
**(P-07 Budget Head)**

<b>Name of the Discipline: MSST</b>	<b>Name of Divisional Chair: Vinod K Shahi</b>
<b>Project Number: MLP 076</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	50
2	Glassware	5
3	Plastic ware	5
4	R & D Equipment's	
5	Works & Services	5
6	Repair & Job work	4
7	Cartridge	2
8	Gas Cylinders	2
9	Software	
10	Electrical and Electronic items	
11	Stationery	2
12	Annual maintenance contract	
13	IT related consumables	2
14	UPS batteries	0.5

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five-Year Procurement Plan-2024-29**

**(In-house Project)**

**(P-50 Budget Head)**

<b>Name of the Discipline: AESD&amp;CIF</b>	<b>Name of Divisional Chair: Dr. B. Ganguly</b>
<b>Project Number: OLP0007</b>	<b>Project Leader : Dr. Shobhit Singh Chauhan</b>

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1.	Microwave digester	1	Imported	20.0	2024-25
2.	TGA-GC-MS	1	Imported	200	2024-2029
3.	DSC	1	Imported	70	2024-2029
4.	Microwave Digester	1	As per availability	35	2024-2029
5.	GC-MS	1	As per availability	80	2024-2029
6.	UV-Visible Spectrophotometer	1	As per availability	10	2024-2029
7.	Compound microscope with camera	1	As per availability	5	2024-2029
8.	Solid phase extraction unit with pump	1	As per availability	8	2024-2029
9.	Floor mount Centrifuge machine	1	As per availability	10	2024-2029
10.	Freeze drier	1	As per availability	10	2024-2029
11.	Vacuum incubator	1	As per availability	6	2024-2029
12.	Autoclave	2	As per availability	14	2024-2029
13.	Nitrogen evaporator	1	As per availability	5	2024-2029
14.	Rota Vapour	2	As per availability	20	2024-2029
15.	HPLC	1	As per availability	30	2024-2029
16.	Accessories for UV-Vis-NIR spectrophotometer (3600i)	2	Imported	8.5	2024-2025
17.	Accessories for UV-Vis-spectrophotometer (2600i)	2	Imported	6.0	2026-2027
18.	Potentiostat instrument	1	Imported/ Indigenous	20	2024-2029
19.	Tablet Dissolution Test Apparatus	1	Imported/ Indigenous	6.5	As soon as the budget is allocated
20.	Hot Stage Microscopy System	1	Imported	25	As soon as the budget is allocated
21.	Multigas Analyzer with H2/O2 Sensors	01	Indigenous	6.0	2024-2025
22.	Autotitrator	01	Indigenous	6.0	2025-2026
23.	Solvent dispenser	10	As per availability	10	2024-2029

24.	Attachments to existing Instrument (at required)		Indigenous	100	GeM/LPC
25.	Muffle Furnace	1	As per availability	8	2024-2029
26.	ICP-OES	1	Imported	70.0	2024-2027

Non- Consumable Items Below 5 Lakh					
Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Imported/ Indigenous	Approximate Cost (Rs. in Lakhs)	Tentative period of Procurement
1.	pH Meter	1	Imported	0.5	2024
2.	pH Meter	2	As per availability	2.0	2024-2029
3.	DO Meter	1	Imported	1.5	2024
4.	BOD incubator	1	Imported	2.5	2024
5.	Computer System	1	Imported	2.7	2024
6.	Printer	2	Imported	0.9	2024
7.	AC to DC converter	2	As per availability	2	2024-2029
8.	Water Pump	5	As per availability	5	2024-2029
9.	Peristaltic pump	7	As per availability	5	2024-2029
10.	Sonicator	1	As per availability	3	2024-2029
11.	Hot Air Oven	1	As per availability	3	2024-2029
12.	Shaking water bath	1	As per availability	3	2024-2029
13.	Incubator	1	As per availability	4	2024-2029
14.	Hotplate with stirrer	2	As per availability	3	2024-2029
15.	COD digester	1	As per availability	3	2024-2029
16.	Shaker Incubator	1	As per availability	3	2024-2029
17.	Portable DO meter	2	As per availability	1	2024-2029
18.	Portable pH/ORP meter	2	As per availability	1	2024-2029
19.	Refractor meter	1	As per availability	2	2024-2029
20.	Multimeter	2	As per availability	1	2024-2029
21.	TDS Meter	1	As per availability	1	2024-2029
22.	CPU & UPS	1	Indigenous	4	2027-2028
23.	Centrifuge	1	Indigenous	1	6 month
24.	Tube Furnaces	1	Indigenous	3	2024-2029
25.	Spin coater	1	Indigenous	2	2024-2029
26.	Lab Microscope	1	Indigenous	0.5	2024-2029
27.	Membrane Casting Machine	1	Indigenous	4	2024-2029
28.	Conductivity meter	1	Indigenous	2	2024-2029
29.	TDS meter	1	Indigenous	0.5	2024-2029
30.	Diffusion Cell Apparatus - EMFDCO6	1	As per availability	2	As soon as the budget is allocated
31.	IKA Plate (RCT digital)	1	As per availability	1.2	As soon as the budget is allocated
32.	pH METER	1	As per availability	0.2	As soon as the budget is allocated
33.	pH meter	1	Indigenous	0.5	2025-2026
34.	pH meter	1	Indigenous	5	December 2024

35.	Digital Analytical Balance Model	1	As per availability	2.5	As soon as the budget is allocated
36.	Plate Shaker	1	Indigenous	1	2024-2025
37.	Waveform Generator	1	Indigenous	1.5	2024-2025
38.	Stirrers	2	Indigenous	1	2024-2025
39.	UV handheld lamp	1	Indigenous	0.3	2024-2025
40.	CPU & UPS	1	Indigenous	1	2025-2026
41.	Chiller	1	Indigenous	1	2025-2026
42.	Table top centrifuge	1	Indigenous	0.5	2025-2026
43.	Vacuum oven	1	Indigenous	1	2025-2026
44.	Peristaltic pumps	4	Indigenous	2	2025-2026
45.	Analytical Balance	1	Indigenous	2	2025-2026
46.	Vacuum Oven with Temperature controller	1	Indigenous	4	2024
47.	Vacuum Pump	1	Indigenous	1	2025
48.	Mechanical shaker	1	Indigenous	1	2024
49.	Ice maker	1	Indigenous	1	2024
50.	Magnetic stirrer	4		2.5	2025
51.	Multi-Function maintain	1	Indigenous	0.4	GeM/LPC
52.	Laptop	1	Indigenous	1	GeM/LPC

(Add Row if needed)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five-Year Procurement Plan-2024-29**  
**(In-house Project)**  
**(P-07 Budget Head)**

<b>Name of the Discipline: AESD&amp;CIF</b>	<b>Name of Divisional Chair: Dr. B. Ganguly</b> <b>Project Leader : Dr. Shobhit Singh Chauhan</b>
<b>Project Number: OLP 0007</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs.)</b>
1	Chemicals	150
2	Glassware	50
3	Plastic ware	25
4	R & D Equipment's	99
5	Works & Services	10
6	Repair & Job work	33.5
7	Cartridge	8.1
8	Gas Cylinders	85
9	Software	5.5
10	Electrical and Electronic items	25
11	Stationery	11.4
12	Annual maintenance contract	385
13	IT related consumables	6.2
14	UPS batteries	10.1

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(In-house Project)**

**(P-50 Budget Head)**

<b>Name of the Discipline: Inorganic Materials and Catalysis Division</b>	<b>Name of Divisional Chair: P.S. Subramanian</b>
<b>Project Number: MLP0077</b>	

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Automatic Chemisorption and Catalyst Analyzer	1	Imported	100	24-25
2	Jacketed Glass reactor (10 L)	1	Indigenous	6	25-26
3	FT-IR with diffuse reflectance & high temperature cell	1	Imported	60	26-27
4	High-pressure reactors	3	Indian	40	2028-29
5	GC	1	Imported	30	2027-28
6	Flash Column Chromatography	1	Imported	20 L	2024 - 2026
7	Surface Area and Volumetric gas Adsorption Instrument	1	Imported	100	2024-2026

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Hot plate	10	Indigenous	5.0	24-25
2	High pressure dosing pump	1	Indigenous	2.0	24-25
3	computers	5	<b>indigenous</b>	5.0	2027-28
4	Jar test apparatus	1	Indigenous	2.0	March 2025
5	Shaker	1	Indigenous	1.5	March 2025
6	Upgradation of high-pressure reactor	2	Indigenous	10.0	2024-2025

(Add Row if needed)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(In-house Project)**  
**(P-07 Budget Head)**

<b>Name of the Discipline: IMCD</b>	<b>Name of Divisional Chair: P.S. Subramanian</b>
<b>Project Number: MLP0077</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	150
2	Glassware	50
3	Plastic ware	10
4	R & D Equipment's	50
5	Works & Services	5.0
6	Repair & Job work	5.0
7	Cartridge	2.0
8	Gas Cylinders	3.5
9	Software	0
10	Electrical and Electronic items	1
11	Stationery	2.5
12	Annual maintenance contract	10
13	IT related consumables	2
14	UPS batteries	10

Signature of PI/Project



**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-27**

**(In-house Project)**

**(P-50 Budget Head)**

<b>Name of the Discipline: Plant Omics Division</b>	<b>Name of Divisional Chair: Dr. P.K. Agarwal</b>
<b>Project Number: MLP078</b>	

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1.	Refrigerated Microcentrifuge	2	Imported	9.5	October 2024
2.	Refrigerated Table top Centrifuge	1	Imported	10.0	October 2024
3.	Portable Photosynthesis Systems	1	Imported	15.0	October 2025
4.	Sonicator	1	Imported	5.0	October 2025
5.	Plant Efficiency Analyzer	1	Imported	5.0	October 2025
6.	Refrigerated Vacuum Concentrator	1	Imported	10.0	October 2026
7.	Ultrasonic water Bath	1	Imported	4.0	October 2026
8.	Autoclave	1	Imported	5.0	October 2026
9.	Spectrophotometer	1	Indigenous	8.0	October 2026

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Refrigerator	1	<b>Indigenous</b>	0.60	October 2024
2	Analytical High Precision Balance	1	<b>Imported</b>	1.5	September 2026
3	Flame Photometer	1	<b>Imported</b>	4.0	March 2026
4	pH and Conductivity Meter	1	Indigenous	2.0	March 2026
5	Water Bath	1	Indigenous	2.0	March 2026

(Add Row if needed)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-27**  
**(In-house Project)**  
**(P-07 Budget Head)**

<b>Name of the Discipline: Plant Omics Division</b>	<b>Name of Divisional Chair: Dr. P.K. Agarwal</b>
<b>Project Number: MLP078</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	15.0
2	Glassware	2.0
3	Plastic ware	3.0
4	R & D Equipment's	4.0
5	Works & Services	3.0
6	Repair & Job work	2.0
7	Cartridge	0.5
8	Gas Cylinders	-
9	Software	0.0
10	Electrical and Electronic items	0.5
11	Stationery	1.0
12	Annual maintenance contract	1.0
13	IT related consumables	1.0
14	UPS batteries	1.0

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
(Research Planning Cell)

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

**(Capital Budget Head)**

<b>Project Number: MLP0068</b>	<b>Name of Project Investigator: Dr. Bhoomi R Andharia</b>
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**Procurement Plan-2024-25**

Non- Consumable Items above 5 Lakh					
Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Imported/ Indigenous	Approximate Cost (Rs. in Lakhs)	Tentative period of Procurement
1	Transformer 200KVA	01	Indigenous	5.20	6 Month
2					
3					
4					
5					
6					

Non- Consumable Items Below 5 Lakh					
Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Imported/ Indigenous	Approximate Cost (Rs. in Lakhs)	Tentative period of Procurement
1	Vacuums pump	02	Indigenous	0.18	6 Month
2	Water Current Meter	01	Indigenous	0.3	6 Month
3	Flowmeter	02	Indigenous	0.1	6 Month
4	Automation and Data acquisition System	01	Indigenous	0.2	6 Month
5	Sensor based Water Level Controller	01	Indigenous	0.2	6 Month
6	Drone Based mobile data Analogues	01	Indigenous	0.2	6 Month
7	Model of salt works	01	Indigenous	0.2	6 Month

(Add Row if needed)

*B/Andharia*  
3/5/24

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(CSIR-Centrally Funded Projects)**  
**(Consumable Budget Head)**

**Project Number: MLP0068**

**Name of Project Investigator: Dr.  
Bhoomi R Andharia**

**Procurement Plan-2024-25**

Sr. No.	Name of Equipment/ Item	Approximate Cost (Rs. in Lakhs)
1	Chemicals	0.19
2	Glassware	0.1
3	Plastic ware	0.1
4	R & D Equipment's	0
5	Works & Services	0.2
6	Repair & Job work	0.3
7	Cartridge	0.2
8	Gas Cylinders	0
9	Software	0
10	Electrical and Electronic items	0.2
11	Stationery	0
12	Annual maintenance contract	0.2
13	IT related consumables	0.1
14	UPS batteries	0.1

*B. Andharia*

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

**(Capital Budget Head)**

<b>Project Number: MLP 069</b>	<b>Name of Project Investigator: Vaibhav Kulshreshta</b>
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<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1					
2					
3					
4					
5					
6					

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1					
2					
3					
4					
5					
6					

(Add Row if needed)

  
Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(CSIR-Centrally Funded Projects)**  
**(Consumable Budget Head)**

<b>Project Number: MLP 069</b>	<b>Name of Project Investigator: Vaibhav Kulshrestha</b>
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<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	4.5
2	Glassware	0.5
3	Plastic ware	0.5
4	R & D Equipment's	1.0
5	Works & Services	
6	Repair & Job work	
7	Cartridge	0.5
8	Gas Cylinders	0.2
9	Software	
10	Electrical and Electronic items	
11	Stationery	0.1
12	Annual maintenance contract	
13	IT related consumables	0.2
14	UPS batteries	

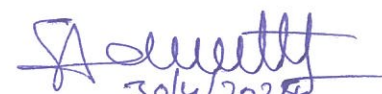
  
Signature of RI/Project



**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(CSIR-Centrally Funded Projects)**  
**(Consumable Budget Head)**

<b>Project Number: HCP-49</b> <b>(for FY 2024-2026)</b>	<b>Name of Project Investigator: Dr. S. Adimurthy</b>
--	---

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	25.00
2	Glassware	--
3	Plastic ware	--
4	R & D Equipment's	--
5	Works & Services	0.50
6	Repair & Job work	--
7	Cartridge	--
8	Gas Cylinders	--
9	Software	--
10	Electrical and Electronic items	--
11	Stationery	--
12	Annual maintenance contract	--
13	IT related consumables	--
14	UPS batteries	--

  
30/4/2024  
(HCP-49)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

**(Capital Budget Head)**

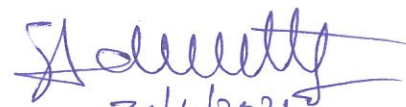
<b>Project Number: HCP-49</b>	<b>Name of Project Investigator: Dr. S. Adimurthy</b>
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<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1					
2					
3					
4					
5					
6					

Nil

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1					
2					
3					
4					
5					
6					

Nil

  
30/4/2024  
(CHP-49)

Signature of PI/Project



**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

(Capital Budget Head)

<b>Project Number: Project Number: HCP-0054, Work package-12</b>	<b>Name of Project Investigator: Dr. Bhoomi Andharia</b>
--	--

Non- Consumable Items above 5 Lakh					
Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Imported/ Indigenous	Approximate Cost (Rs. in Lakhs)	Tentative period of Procurement
1	N.A				

Non- Consumable Items Below 5 Lakh					
Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Imported/ Indigenous	Approximate Cost (Rs. in Lakhs)	Tentative period of Procurement
1	N.A				

(Add Row if needed)

*B. Andharia*  
30/4/24

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

(Consumable Budget Head)

<b>Project Number: HCP-0054, Work package-12</b>	<b>Name of Project Investigator: Dr. Bhoomi Andharia</b>
--	--

**Procurement Plan-2024-25**

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	2.1
2	Glassware	0.05
3	Plastic ware	0.05
4	R & D Equipment's	0
5	Works & Services	0
6	Repair & Job work	2.5
7	Cartridge	0.1
8	Gas Cylinders	0
9	Software	0
10	Electrical and Electronic items	0
11	Stationery	0.2
12	Annual maintenance contract	0.5
13	IT related consumables	0.1
14	UPS batteries	0

**Procurement Plan-2025-26**

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	2.1
2	Glassware	0.1
3	Plastic ware	0.1
4	R & D Equipment's	0
5	Works & Services	0
6	Repair & Job work	1.3
7	Cartridge	0
8	Gas Cylinders	0
9	Software	0
10	Electrical and Electronic items	0
11	Stationery	0.2
12	Annual maintenance contract	0
13	IT related consumables	0
14	UPS batteries	0

*B. Andharia*  
30/4/24  
Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
(Research Planning Cell)

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

(Capital Budget Head)

<b>Project Number: FTC030505</b>	<b>Name of Project Investigator: Dr. Arvind Kumar</b>
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**Procurement Plan-2024-25**

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Installation, provisioning and mounting of solar PV module with suitable earthing connection and fittings & accessories i.e. DCDB & ACDB box and others and Paddle system concrete Foundation	47	Indigenous	1.18	1 Year
2	MS shafting Road (18 Feet)	8	Indigenous	0.96	1 Year
3	Pillow block bearing for supporting the shaft; coupling required for connecting shaft with each others 2000 24 Nos. 48,000 0.48 To fitting of turbulence system. It is required for turbulence systems of 1 acre area. 24	24	Indigenous	0.48	1 Year
4	Gear Box for reduce speed	12	Indigenous	0.96	1 Year
5	Variable Frequency Drive (VFD) with box (5 HP)	8	Indigenous	2.55	1 Year
6	DC Motor (5HP) with base frame & roof cover for experimental pond	12	Indigenous	4.25	1 Year
7	Heat Exchanger coil SS tubing (2 Inch Dia) seamless fabricated as per design	340 Mtr.	Indigenous	4.08	1 Year
8	Solar water Heater; Capacity: 500L	10	Indigenous	4.40	1 Year
9	Flow measurement device (Rotameter)	1	Indigenous	0.25	1 Year
10	Solar assisted	1	Indigenous	0.26	1 Year



	circulating process pump; capacity: 2 HP				
11	Sintex tank; capacity: 1000 Liter	1	Indigenous	0.13	1 Year
12	Thermocouple ktype	4	Indigenous	0.48	1 Year
13	Variable Frequency Drive (VFD) of 10 HP with box	1	Indigenous	0.37	1 Year
14	DC Motor (10HP) with base frame & roof cover for Crystallizer	1	Indigenous	0.63	1 Year
15	Plumbing Work for Heat exchange system (CPVC Pipe, Coupling, Unions, Elbow)	60 Units	Indigenous	0.24	1 Year
16	Automation sensor (water level sensor, Density Sensor, Flow Sensor) for wavelength based density control	3	Indigenous	1.50	1 Year
17	Sensor based system for salt operations	1	Indigenous	1.0	1 Year
18	Power meter for power consumption ( Hour Meter)	1	Indigenous	0.50	1 Year
19	Drone system for monitoring of integrated system	1	Indigenous	1.00	1 Year
20	Battery backup for energy storage generated with Solar panels	1	Indigenous	0.60	1 Year
21	Temperature display digital	1	Indigenous	0.60	1 Year
22	Workstation/Computer /iPad/Tablet/ laptop	1	Indigenous	1.00	1 Year
23	UPS	1	Indigenous	0.20	1 Year
24	Automatic Cleaning system for integrated system	1	Indigenous	1.46	1 Year
25	Soil/Concrete Testing equipment	1	Indigenous	2.00	1 Year
26	Porta Cabin	1	Indigenous	2.50	1 Year

## Procurement Plan-2024-25

Non- Consumable Items Below 5 Lakh					
Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Imported/ Indigenous	Approximate Cost (Rs. in Lakhs)	Tentative period of Procurement
1	Solar PV module (solar panels)	80	Indigenous	5.81	1 Year
2	Ansys CFD designing Software(Annexure-I attached for price quotation)	1	Indigenous	10.62	1 Year
3					
4					
5					
6					

(Add Row if needed)

*B. Bhoomi Andharia*  
03/05/24

Signature of Corresponding Co-PI

Dr. Bhoomi Andharia

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

**(Consumable Budget Head)**

**Procurement Plan-2024-25**

<b>Project Number: FTC030505</b>	<b>Name of Project Investigator: Dr. Arvind Kumar</b>
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<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	1
2	Glassware	0.48
3	Plastic ware	0.5
4	R & D Equipment's	2
5	Works & Services	2.5
6	Repair & Job work	3
7	Cartridge	1
8	Gas Cylinders	0
9	Software	2
10	Electrical and Electronic items	1.5
11	Stationery	0
12	Annual maintenance contract	1
13	IT related consumables	1
14	UPS batteries	0.5

*B. Andharia*

Signature of Corresponding Co-PI

Dr. Bhoomi Andharia

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

**(Capital Budget Head)**

**Procurement Plan-2025-26**

**Project Number: FTC030505**

**Name of Project Investigator: Dr. Arvind Kumar**

Non- Consumable Items above 5 Lakh					
Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Imported/ Indigenous	Approximate Cost (Rs. in Lakhs)	Tentative period of Procurement
1	NA	NA	NA	NA	NA
2					
3					
4					
5					
6					

Non- Consumable Items Below 5 Lakh					
Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Imported/ Indigenous	Approximate Cost (Rs. in Lakhs)	Tentative period of Procurement
1	NA	NA	NA	NA	NA
2					
3					
4					
5					
6					

(Add Row if needed)



Signature of Corresponding Co-PI

Dr. Bhoomi Andharia

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

**(Consumable Budget Head)**

**Procurement Plan-2025-26**

<b>Project Number: FTC030505</b>	<b>Name of Project Investigator: Dr. Arvind Kumar</b>
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<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	0.24
2	Glassware	0.1
3	Plastic ware	0.2
4	R & D Equipment's	0.4
5	Works & Services	0.5
6	Repair & Job work	0.2
7	Cartridge	0.3
8	Gas Cylinders	0.1
9	Software	1
10	Electrical and Electronic items	0.5
11	Stationery	0.2
12	Annual maintenance contract	0
13	IT related consumables	0.5
14	UPS batteries	1

*B. Andharia*

Signature of Corresponding Co-PI

Dr. Bhoomi Andharia



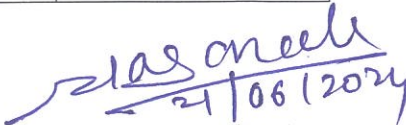
**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five-Year Procurement Plan-2024-29 (CSIR-Centrally Funded Projects)**  
**(Capital Budget Head)**

<b>Name of the Discipline: MSST</b>	<b>Name of Project Investigator:</b>
<b>Project Number: NCP060305</b>	<b>Dr. Rajaram K Nagarale</b>

<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Lab Compact Automatic Film Coating Machine with Dryer Cover and Doctor's Blade Vacuum Chuck Size:210mm*300mm	01	Indigenous	600,000.00	December 2024
2	Plasma chamber	01	Indigenous	10,00,000.00	December 2025
3	Calendaring machine	01	Indigenous	15,00,000.00	December 2026
4					
5					
6					

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Peristaltic pump	04	Indigenous	2,00,000.00	December 2024
2	Chemical Refrigerator	01	Indigenous	1,25,000.00	December 2024
3	Hot hydraulic press	01	Indigenous	75,000.00	December 2024
4	Magnetic stirrer with heating options	10	Indigenous	1,50,000.00	December 2025
5	Micro balance	01	Indigenous	1,00,000.00	December 2024
6					

(Add Row if needed)

  
 Signature of PI/Project

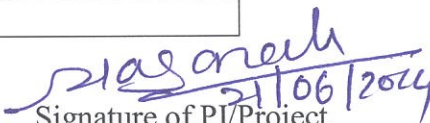
**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five-Year Procurement Plan-2024-29 (CSIR-Centrally Funded Projects)**

(Consumable Budget Head)

(Consumable Budget Head)

<b>Name of the Discipline: MSST</b>	<b>Name of Project Investigator: Dr. Rajaram K Nagarale</b>
<b>Project Number: NCP060305</b>	

<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	50
2	Glassware	10
3	Plastic ware	10
4	R & D Equipment's	50
5	Works & Services	5
6	Repair & Job work	5
7	Cartridge	3
8	Gas Cylinders	5
9	Software	5
10	Electrical and Electronic items	2
11	Stationery	2
12	Annual maintenance contract	5
13	IT related consumables	2
14	UPS batteries	5

  
Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**

**Five Year Procurement Plan-2024-29**

**(CSIR-Centrally Funded Projects)**

(Capital Budget Head)

<b>Project Number: HCP 0024 and other to be proposed projects</b>	<b>Name of Project Investigator: Dr. Arup Ghosh</b>
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<b>Non- Consumable Items above 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Portable photosynthesis system	1	Imported	85 lakhs	2-3 year
2	Refrigerated Centrifuge	1	Imported	6 lakhs	2-3 year
3	Leaf area analyser	1	Imported	35 Lakhs	2-3 year
4	Ultralow temperature cabinet	1	Imported	7 lakhs	3 year
5	Spectrophotometer	1	Imported	7 laksh	2 year
6	Incubator shaker	2	Indigenous	10 lakhs	3 year
7	Rotary evaporator	1	Imported	10 lakhs	4 year
8	Lyophilizer	1	Imported	35 lakhs	4 year
9	Multimode reader	1	Imported	30 lakhs	3 year

<b>Non- Consumable Items Below 5 Lakh</b>					
<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Quantity (Nos.)</b>	<b>Imported/ Indigenous</b>	<b>Approximate Cost (Rs. in Lakhs)</b>	<b>Tentative period of Procurement</b>
1	Freezer -20°C	2	Indigenous	1.5 lakhs	3 year
2	Liquid nitrogen container	1	Imported	3 lakhs	2 year
3	UPS	3	Indigenous	1 lakh	2-3 year
4	Dessicator cabinet	1	Indigenous	1.5 lakhs	2 year
5	Precision balance	1	Imported	1.0 lakh	2 year
6	Analytical balances	1	Imported	1.5 lakh	2-3 year
7	Rotary shakers	2	Indigenous/imported	3.0 lakhs	3year

8	pH meter	1	Indigenous	0.5 lakhs	3 year
9	Vacuum pump	1	imported	3 lakhs	3 year
10	Hand held vacuum pump	1	imported	0.5 lakhs	3 year
11	Vortexer	2	Indigenous/imported	0.6 lakhs	3 year
12	Grinder	1	Indigenous	1 lakhs	2 year
13	Water bath	1	Imported	3 lakhs	3 year
14	Oven	2	Indigenous/imported	4.5 lakhs	4 year
15	Hard drive	10	Indigenous	2 lakhs	2 year
16	Speaker	2	Indigenous	0.5 lakhs	3 year
17	Desktop	4	Indigenous/imported	4 lakhs	4 year
18	Camera	2	Indigenous/imported	2 lakhs	2 year
19	Printers	2	Indigenous/imported	1 lakhs	2 year

(Add Row if needed)

Signature of PI/Project

**CSIR-Central Salt and Marine Chemicals Research Institute**  
**(Research Planning Cell)**  
**Five Year Procurement Plan-2024-29**  
**(CSIR-Centrally Funded Projects)**  
**(Consumable Budget Head)**

<b>Project Number: MLP0073</b>	<b>Name of Project Investigator: Dr. Arup Ghosh</b>
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<b>Sr. No.</b>	<b>Name of Equipment/ Item</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Chemicals	40 lakhs
2	Glassware	10 lakhs
3	Plastic ware	10 lakhs
4	R & D Equipment's	20 lakhs
5	Works & Services	20 lakhs
6	Repair & Job work	50 lakhs
7	Cartridge	5 lakhs
8	Gas Cylinders	3 lakhs
9	Software	10 lakhs
10	Electrical and Electronic items	5 lakhs
11	Stationery	5 lakhs
12	Annual maintenance contract	10 lakhs
13	IT related consumables	10 lakhs
14	UPS batteries	2 lakhs

Signature of PI/Project

**Updated on: 06/09/2024**

**CSIR-Central Salt and Marine Chemicals Research Institute**

**(Research Planning Cell)**

**Five-Year Procurement Plan (2024-2029)**

**(In-house Project and Centrally Funded Projects)**

**\*: इस सूची के प्रकाशन को खरीद प्रक्रिया की शुरुआत के रूप में नहीं माना जाएगा और बोली दस्तावेज जारी करने या संभावित बोलीदाताओं को कोई अधिकार प्रदान करने के लिए सीएसआईआर-सीएसएमसीआरआई पर कोई दायित्व नहीं डाला जाएगा (जीएफआर 2017 का नियम 144(x)) |**

**\*: The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-CSMCRI to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**