

GAP 2171 and GAP 2148 (Dr. Santanu Karan)

| S NO | Name of Equipment / Item | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) | Proposed Year of Procurement | Project Code |
|------|--------------------------|-----------------|---------------------------------|------------------------------|--------------|
| 1    | Desktop Computer         | 2               | 1.8                             | 2024-25                      | GAP 2171     |
| 2    | Booster pump             | 6               | 0.3                             |                              |              |
| 4    | Vacuum oven              | 1               | 1                               |                              |              |
| 5    | Power supply             | 3               | 0.3                             |                              |              |
| 6    | Feed tank                | 2               | 1.4                             |                              |              |
| 7    | Wall fan                 | 2               | 0.1                             |                              |              |
| 8    | UPS                      | 1               | 0.5                             |                              |              |
| 9    | Membrane cell            | 1               | 3                               |                              |              |
| 10   | Temperature controller   | 2               | 0.1                             |                              |              |
| 11   | Refrigerator             | 1               | 1                               |                              |              |
| 12   | Chiller                  | 1               | 1                               |                              |              |
|      |                          |                 |                                 |                              |              |
| 1    | Chemicals                | NA              | 4                               | 2024-25                      | GAP 2148     |
| 2    | R&D Consumables          | NA              | 4                               |                              |              |
| 3    | Glassware                | NA              | 1                               |                              |              |
| 4    | Plasticware              | NA              | 1                               |                              |              |

GAP 2190 (Dr. Arup Ghosh)  
Capital items

| CSIR-CSMCRI                                                  |                                             |                 |                                 |                              |              |                |
|--------------------------------------------------------------|---------------------------------------------|-----------------|---------------------------------|------------------------------|--------------|----------------|
| Procurement plan 2025-26 under<br>Externally Funded Projects |                                             |                 |                                 |                              |              |                |
| S.No                                                         | Name of the equipment/item                  | Quantity (Nos.) | Approximate cost (Rs. In Lakhs) | Proposed year of procurement | Project Code | Project PI     |
| 1                                                            | Laboratory scale spray dryer – capacity 2Kg | 1               | 4.5                             | 2025-26                      | GAP2190      | Dr. Arup Ghosh |
| 2                                                            | Freeze dryer – 3 kg                         | 1               | 3.12                            | 2025-26                      | GAP2190      | Dr. Arup Ghosh |

Consumable items

| CSIR-CSMCRI                                                  |                            |                 |                                 |                              |              |                |
|--------------------------------------------------------------|----------------------------|-----------------|---------------------------------|------------------------------|--------------|----------------|
| Procurement plan 2025-26 under<br>Externally Funded Projects |                            |                 |                                 |                              |              |                |
| S.No                                                         | Name of the equipment/item | Quantity (Nos.) | Approximate cost (Rs. In Lakhs) | Proposed year of procurement | Project Code | Project PI     |
| 1                                                            | Chemicals                  |                 | 2.5                             | 2025-26                      | GAP2190      | Dr. Arup Ghosh |
| 2                                                            | Other consumables          |                 | 0.6                             | 2025-26                      | GAP2190      | Dr. Arup Ghosh |
| 3                                                            | Glassware                  |                 | 0.5                             | 2025-26                      | GAP2190      | Dr. Arup Ghosh |
| 4                                                            | Plasticware                |                 | 0.75                            | 2025-26                      | GAP2190      | Dr. Arup Ghosh |
| 5                                                            | Gases                      |                 | 0.1                             | 2025-26                      | GAP2190      | Dr. Arup Ghosh |

(Detailed Consumable list)

| S.no | Consumables (solvents)                |
|------|---------------------------------------|
| 1    | Methanol hplc grade and ar grades     |
| 2.   | Spectrosol/ethanol hplc and lr grades |
| 3.   | Chloroform hplc grade and ar grades   |

|                                                      |                                                              |
|------------------------------------------------------|--------------------------------------------------------------|
| 4.                                                   | 2 propanol molecular biology grade, LR                       |
| 6.                                                   | Dimethyl sulphoxide (dmsO) for hplc & uv spectroscopy, 99.8% |
| 7.                                                   | Ethyl acetate hplc and ar grades                             |
| 8.                                                   | Hexane                                                       |
| 9.                                                   | Diethyl ether                                                |
| 10                                                   | Dichloromethane                                              |
| 11                                                   | Acetonitrile HPLC grade                                      |
| 13                                                   | Acetone                                                      |
|                                                      | Pentane                                                      |
|                                                      | Methyl tertiary butyl ether                                  |
| Kits/biochemical/enzymes/sequencing oligonucleotides |                                                              |
|                                                      | Trisodium citrate acs grade 500g                             |
|                                                      | Potassium sodium tatrte                                      |
|                                                      | Sodium nitroprusside                                         |
|                                                      | Sodium dichloroisocyanurate                                  |
|                                                      | Sodium salicylate                                            |
|                                                      | Sodium hydroxide                                             |
|                                                      | Potassium hydroxide                                          |
|                                                      | Sulphuric acid acs grade                                     |
|                                                      | Nitric acid                                                  |
|                                                      | Hydrochloric acid                                            |
|                                                      | Trifluoroacetic acid (hplc)                                  |
|                                                      | Perchloric acid                                              |
|                                                      | Orthophosphoric acid 85%                                     |
|                                                      | Buffer standard pH7.0                                        |
|                                                      | Buffer standard pH4.0                                        |
|                                                      | Buffer standard pH 10.0                                      |
|                                                      | Ammonium sulphate                                            |
|                                                      | Brij 35 30%                                                  |
|                                                      | FFD6                                                         |
|                                                      | Hydrogen peroxide 30-50%                                     |
|                                                      | Conductivity standard 0.147 ms/cm                            |
|                                                      | Conductivity standard 1.41 ms/cm                             |
|                                                      | Conductivity standard 12.8 ms/cm                             |
|                                                      | PCR purification kit                                         |
|                                                      | Polyethylene glycol 6000                                     |
|                                                      | Diethyl pyrocarbonate, reagent grade, ≥97%                   |
|                                                      | Adonitol, ≥99.0% (hplc) - 5g                                 |
|                                                      | Methoxyamine hydrochloride, for gc derivatization            |
|                                                      | Isoamyl alcohol for analysis acs, reagent                    |
|                                                      | RNA isolation kit                                            |
|                                                      | DNA kit for isolation from water                             |
|                                                      | cDNA synthesis kit                                           |
|                                                      | Soil DNA isolation kit                                       |
|                                                      | Sodium dodesyl sulfate                                       |
|                                                      | Lysozyme                                                     |
|                                                      | Protienase k                                                 |
|                                                      | Boric acid                                                   |

|                   |                                                          |
|-------------------|----------------------------------------------------------|
|                   | RNase                                                    |
|                   | Agarose                                                  |
|                   | Dna gel loading dye                                      |
|                   | Zobell marine agar and broth                             |
|                   | Agar agar                                                |
|                   | Labolene neutral ph                                      |
|                   | 2x pcr mastermix(emerald gt)                             |
|                   | 100bp dna ladder                                         |
|                   | Tris base(molecular biology grade)                       |
|                   | Edta disodium salt(molecular biology grade)              |
|                   | Boric acid(molecular biology grade)                      |
|                   | Potassium carbonate AR grade (sargassum sap preparation) |
|                   | Potassium benzoate                                       |
|                   | Nitrile gloves                                           |
|                   | Potassium nitrate                                        |
|                   | Potassium dihydrogen phosphate anhydrous                 |
|                   | Ferrous sulfate heptahydrate                             |
|                   | PCR primers/oligonucleotide primers                      |
|                   | Salicylic acid                                           |
|                   | Sodium salicylate                                        |
|                   | Sodium hydroxide                                         |
|                   | Potassium hydroxide                                      |
|                   | Aluminium chloride                                       |
|                   | Naphthalene                                              |
|                   | Bromoform                                                |
|                   | Dibromochloromethane                                     |
|                   | Dibromoacetic acid (methyl ester)                        |
|                   | Bromochloroacetic acid (methyl ester)                    |
|                   | Copper sulphate                                          |
|                   | Sodium sulphate                                          |
|                   | Marine broth                                             |
|                   | Methyl dibromoacrylate                                   |
|                   | Dibromoacrylic acid                                      |
|                   | Amino acid kit                                           |
|                   | FAME kit                                                 |
|                   | Anthrone                                                 |
|                   | Potassium dichromate extrapure ar, 99.9%, 500gm          |
|                   | Sodium carbonate anhydrous pure, 99.5%,500gm             |
|                   | Phenyl isothiocyanate (PITC) extrapure ar, 99%-25ml      |
|                   | Phytic acid                                              |
|                   | Tris-HCl                                                 |
|                   | Folin-ciocalteu reagent                                  |
|                   | Ninhydrin (151173)                                       |
|                   | Sulfosalicylic acid                                      |
|                   | Mstfa/bstfa                                              |
|                   | Pyridine                                                 |
| Other consumables |                                                          |
|                   | GC column (fused silica capillary column)                |

|                                                  |                                                                          |
|--------------------------------------------------|--------------------------------------------------------------------------|
|                                                  | HPLC columns                                                             |
|                                                  | Guard columns                                                            |
|                                                  | Phenolic standards                                                       |
|                                                  | Sugar (monosaccharide) standards                                         |
|                                                  | Ziplock plastic covers                                                   |
|                                                  | Filter paper no .1                                                       |
|                                                  | Filter paper no .41                                                      |
|                                                  | Filter paper no .42                                                      |
|                                                  | Filter paper no .44                                                      |
|                                                  | Syringe filters 0.22 micron, sterile and nonsterile                      |
|                                                  | Syringe filters 0.45 micron sterile and nonsterile                       |
|                                                  | Synergypak polishing cartridge                                           |
|                                                  | PROGRAD PRE TREATMENT PACK                                               |
|                                                  | PREFILTER 1 MICRON                                                       |
|                                                  | Disposable syringes, 2 ml, 5 ml, 10 ml, 20ml                             |
| Glasswares                                       |                                                                          |
|                                                  | Fast freezing vials for lyophilization- 300ml                            |
|                                                  | Fast freezing vials for lyophilization- 600ml                            |
|                                                  | Crucibles                                                                |
|                                                  | Droppers                                                                 |
|                                                  | HPLC Vials                                                               |
|                                                  | Inserts for vials                                                        |
|                                                  | NMR tubes                                                                |
| Plasticwares                                     |                                                                          |
|                                                  | Centrifuge tube 2.0 ml transparent                                       |
|                                                  | Centrifuge tubes 15 ml transparent virgin polypropylene or polycarbonate |
|                                                  | Centrifuge tubes 50 ml transparent virgin polypropylene or polycarbonate |
|                                                  | Centrifuge tube 2.0 ml amber                                             |
|                                                  | Centrifuge tube 1.5 ml amber                                             |
|                                                  | Microtips 0.1-1 ml                                                       |
|                                                  | Microtips 0.02-0.2 ml                                                    |
|                                                  | Nitrile gloves (small, medium and large)                                 |
|                                                  | Autoclavable/disposable bags                                             |
|                                                  | Magnetic stirrer bars                                                    |
|                                                  | PCR tubes                                                                |
| Cartridges                                       |                                                                          |
|                                                  | Toner cartridge 152a/152x                                                |
| Gases                                            |                                                                          |
|                                                  | Nitrogen gas                                                             |
| Maintenance/amc/repairing of existing equipments |                                                                          |
|                                                  | Vacuum oil [for vacuum pump]                                             |

GDA 1025 (Dr. Dineshkumar R.)

|                                                   |                                                                                                              |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Name of the Discipline:</b> APB Division/ MARS | <b>Name of Divisional Chair:</b> Dr. V Mantri & Dr. A Ghosh<br><b>PI:</b> Dr. Dineshkumar R / Dr. Nidhi Hans |
| <b>Project Number:</b> GDA 1025                   | <b>Funding Agency:</b> DST-SERB for NPDPF                                                                    |

**Non-Recurring:**

| Sr. No. | Name of Equipment/ Item | Quantity | Approximate Cost (Rs. in Lakhs) | Proposed year | Project code | Project PI                         |
|---------|-------------------------|----------|---------------------------------|---------------|--------------|------------------------------------|
| 1       | pH meter                | 1        | 0.30                            | 2025-26       | GDA 1025     | Dr. Dineshkumar R / Dr. Nidhi Hans |
| 2       | Vortex mixer            | 1        | 0.10                            | 2025-26       | GDA 1025     | Dr. Dineshkumar R / Dr. Nidhi Hans |
| 3       | Homogenizer             | 1        | 0.20                            | 2025-26       | GDA 1025     | Dr. Dineshkumar R / Dr. Nidhi Hans |

**Project code:** GDA 1025; **Project PI:** Dr. Dineshkumar R / Dr. Nidhi Hans

**Recurring:**

| Sr. No. | Name of Recurring/ Item         | Approximate Cost (Rs. in Lakhs) |
|---------|---------------------------------|---------------------------------|
| 1       | Chemicals                       | 1.50                            |
| 2       | Glassware                       | 0.20                            |
| 3       | Plastic ware                    | 0.30                            |
| 4       | Works & Services                | -                               |
| 5       | Repair & Job work               | 0.30                            |
| 6       | Cartridge                       | 0.03                            |
| 7       | Gas Cylinders                   | 0.10                            |
| 8       | Software                        | -                               |
| 9       | Electrical and Electronic items | 0.05                            |
| 10      | Stationery                      | 0.05                            |
| 11      | Annual maintenance contract     | 0.20                            |
| 12      | IT related consumables          | 0.05                            |
| 13      | UPS batteries                   | 0.02                            |

|     | <b>Chemicals Name</b>                  |
|-----|----------------------------------------|
| 1.  | n-Hexane                               |
| 2.  | Foilm & Ciocalteus Phenol reagent      |
| 3.  | Ethanol                                |
| 4.  | Sulphuric acid                         |
| 5.  | Acetonitrile HPLC                      |
| 6.  | Methanol HPLC                          |
| 7.  | Isopropanol HPLC grade                 |
| 8.  | Sodium potassium tartrate tetrahydrate |
| 9.  | Sodium phosphate dibasic               |
| 10. | Sodium phosphate monobasic             |
| 11. | Potassium hydroxide pellets            |
| 12. | Sodium carbonate anhydrous             |
| 13. | Sodium bicarbonate                     |
| 14. | EDTA                                   |
| 15. | Sodium molybdate dihydrate             |
| 16. | Copper sulfate pentahydrate            |
| 17. | Citric acid                            |
| 18. | Ammonium molybdate                     |
| 19. | Hydrochloric acid                      |
| 20. | Labolene                               |
| 21. | Trichloroacetic acid                   |
| 22. | Acetic acid                            |
| 23. | Sodium hypochlorite                    |
| 24. | Ninhydrin solution                     |
| 25. | Pepsin                                 |
| 26. | Trypsin                                |
| 27. | Chymotrypsin                           |
| 28. | Tris buffer                            |
| 29. | Aluminium chloride                     |
| 30. | Potassium acetate                      |
| 31. | Quercetin 25 g                         |
| 32. | Tannic acid 100 g                      |
| 33. | Sodium chloride                        |
| 34. | Sodium carbonate                       |

|     |                                                                |
|-----|----------------------------------------------------------------|
| 35. | (ABTS) 2,2'-Azino-bis (3-ethylbenzthiazoline-6-sulfonic acid)  |
| 36. | Potassium persulfate                                           |
| 37. | 2,2-diphenyl-1-picrylhydrazyl (DPPH)                           |
| 38. | Caesin agar                                                    |
| 39. | Nutrient agar                                                  |
| 40. | Cellulase                                                      |
| 41. | Sodium hydroxide                                               |
| 42. | PITC 25 ml                                                     |
| 43. | Protein Digestibility Assay Kit megazyme                       |
| 44. | acrylamide                                                     |
| 45. | bis-acrylamide                                                 |
| 46. | Tris buffer                                                    |
| 47. | glycine                                                        |
| 48. | Ammonium per sulphate                                          |
| 49. | Sodium Dodecyl Sulphate                                        |
| 50. | TEMED                                                          |
| 51. | Bromophenol Blue                                               |
| 52. | Coomassie Brilliant Blue R 250                                 |
| 53. | acetic acid                                                    |
|     | <b>Glasswares</b>                                              |
| 1.  | CONICAL FLASK 1000ML Erlenmeyer,Narrow Mouth, with Graduation  |
| 2.  | CONICAL FLASK 500ML Erlenmeyer,Narrow Mouth, with Graduation   |
| 3.  | CONICAL FLASK 250 ml Erlenmeyer,Narrow Mouth, with Graduation  |
| 4.  | CONICAL FLASK 150 ml Erlenmeyer, Narrow Mouth, with Graduation |
| 5.  | CONICAL FLASK 50 ml Erlenmeyer, Narrow Mouth, with Graduation  |
| 6.  | Measuring cylinder 1000 ml                                     |
| 7.  | Measuring cylinder 500 ml                                      |
| 8.  | Measuring cylinder 100 ml                                      |
| 9.  | Measuring cylinder 50 ml                                       |
| 10. | BEAKER 5 ML                                                    |
| 11. | BEAKER 25ML                                                    |



|     |                                                                                              |
|-----|----------------------------------------------------------------------------------------------|
| 12. | BEAKER 50ML                                                                                  |
| 13. | BEAKER 250ML                                                                                 |
| 14. | BEAKER 500ML                                                                                 |
| 15. | BEAKER 1000ML                                                                                |
| 16. | Test tubes 20 ml                                                                             |
| 17. | Reagent Bottle 500 ml                                                                        |
| 18. | Reagent Bottle 100 ml                                                                        |
| 19. | Reagent Bottle 1000 ml                                                                       |
| 20. | Cuvette                                                                                      |
|     | <b>Plastic wares</b>                                                                         |
| 1.  | Eppendorf Research Plus Adjustable Volume, Single Channel Pipette, 100 - 1000 uL (eppendorf) |
| 2.  | Micropipette 5 ml                                                                            |
| 3.  | Eppendorf Research Plus Adjustable Volume, Single Channel Pipette, 20 - 200 uL (eppendorf)   |
| 4.  | CENTRIFUGE TUBE 15ML GRADUATED `TARSONS                                                      |
| 5.  | CENTRIFUGE TUBE 50ML CONICAL BOTTOM `TARSONS                                                 |
| 6.  | MICROCENTRIFUGE TUBE (2.0ML) `TARSONS                                                        |
| 7.  | Micro pipette tips (1 ml)                                                                    |
| 8.  | Micro pipette tips (200 ul)                                                                  |
| 9.  | Micro pipette tips (5 ml)                                                                    |
| 10. | 2 L plastic Jar                                                                              |
| 11. | 50 ml centrifuge tube stand                                                                  |
| 12. | Cleaning brush                                                                               |
| 13. | HPLC vials stand                                                                             |
| 14. | Glass pipette stand                                                                          |
| 15. | Membrane Filter,MF-Millipore, 0.45 µm Pore Size , filter diam. 47 mm 100 nos/pack            |
| 16. | Millex PVDF syringe filter,pore size 0.45 µm, diam. 33 mm 50 nos/pack                        |
| 17. | eppendorf 2ml                                                                                |
| 18. | 15 ml falcon                                                                                 |
| 19. | 50 ml falcon                                                                                 |
| 20. | Zip locks (different sizes)                                                                  |
| 21. | Aluminium foil                                                                               |

|     |                               |
|-----|-------------------------------|
| 22. | Syringe 5 ml                  |
| 23. | Magnetic beads                |
| 24. | Gauze cloth                   |
| 25. | Cello tape                    |
| 26. | Micro titre plates (96 wells) |
|     | <b>Repair and Job work</b>    |
| 1.  | Waterbath                     |
| 2.  | Shaker incubator              |
| 3.  | Spinwin micro centrifuge      |
| 4.  | pH TDS probe instrument       |
| 5.  | vortex mixer                  |
|     | <b>Gas cylinders</b>          |
| 1.  | Nitrogen cylinder             |
| 2.  | Carbon dioxide cylinder       |
|     | <b>Stationary</b>             |
| 1.  | Pen                           |
| 2.  | Permanent marker              |
| 3.  | Cello tape                    |
| 4.  | Brown tape                    |
| 5.  | Paper clips                   |
| 6.  | Stapler                       |
| 7.  | Stapler pins                  |
| 8.  | A4 size Xerox paper           |
| 9.  | Sticky notes                  |
|     | <b>IT related consumables</b> |
| 1.  | Pen drive                     |
| 2.  | Hard disk                     |
| 3.  | Ink                           |

GAP 2181 (Dr. Dineshkumar Ramlingam)

| S. No | Name of the                     | Quantity | Approximate cost (Rs. In Lakhs) | Proposed year of procurement | Project code | Project PI      |
|-------|---------------------------------|----------|---------------------------------|------------------------------|--------------|-----------------|
| 1.    | Chemicals                       |          | 0.50                            | 2025-2026                    | GAP-2181     | S. Dinesh Kumar |
| 2.    | Glassware                       |          | 0.25                            | 2025-2026                    | GAP-2181     |                 |
| 3.    | Repair & Job work               |          | 0.15                            | 2025-2026                    | GAP-2181     |                 |
| 4.    | Electrical and Electronic items |          | 0.10                            | 2025-2026                    | GAP-2181     |                 |

GAP 2169 (Dr. Nirmal kumar Saha)

| CSIR-CSMCRI                                                      |                                                                            |                 |                      |                                 |                                 |
|------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| Procurement plan 2025-26 under externally funded project GAP2169 |                                                                            |                 |                      |                                 |                                 |
| Non- Consumable Items                                            |                                                                            |                 |                      |                                 |                                 |
| S. No                                                            | No. Name of Equipment/ Item                                                | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. in Lakhs) | Tentative period of Procurement |
| 1                                                                | High Pressure pump with high pressure manifolds, Pressure hoses, structure | 1               | Imported/ Indigenous | 17.00                           | 2025-26                         |
| 2                                                                | Booster pump                                                               | 2               | Imported/ Indigenous | 00.65                           | 2025-26                         |
| 3                                                                | Disc Filter                                                                | 3               | Imported/ Indigenous | 00.65                           | 2025-26                         |
| 4                                                                | Sand filter                                                                | 1               | Indigenous           | 00.60                           | 2025-26                         |
| 5                                                                | Air knife drying system with 10HP motor                                    | 1               | Imported/ Indigenous | 2.80                            | 2025-26                         |
| 6                                                                | Acoustic enclosure for blower in SS                                        | 1               | Indigenous           | 00.35                           | 2025-26                         |

| Consumable Items Below 5 Lakh |                             |                 |                      |                                 |                                 |
|-------------------------------|-----------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| S. No                         | No. Name of Equipment/ Item | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. In Lakhs) | Tentative period of Procurement |
| 1                             | Chemicals                   |                 | Imported/indigenous  | 01.50                           | 2025-26                         |
| 2                             | Other consumables           |                 | Imported/indigenous  | 04.50                           | 2025-26                         |

GAP 2179 (Dr. Pramod Shinde)

| S. No | No. Name of Equipment/ Item | Imported/ Indigenous | Approximate Cost (Rs. In Lakhs) | Tentative period of Procurement |
|-------|-----------------------------|----------------------|---------------------------------|---------------------------------|
| 1     | Chemicals                   | Imported/ Indigenous | 0.68                            | 2025-2026                       |
| 2     | Plasticwares                | Indigenous           | 0.46                            | 2024-2025                       |
| 3     | Glassware                   | Indigenous           | 0.21                            | 2024-2025                       |

GAP 2189 (Dr. Pramod Shinde)

| Non- Consumable Items |                             |                 |                      |                                 |                                 |
|-----------------------|-----------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| S. No                 | No. Name of Equipment/ Item | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. in Lakhs) | Tentative period of Procurement |
| 1                     | Compact mass spectrometer   | 01              | Imported             | 82                              | 2025-2026                       |

| Consumable Items |                                |                      |                                 |                                 |
|------------------|--------------------------------|----------------------|---------------------------------|---------------------------------|
| S. No            | No. Name of Equipment/ Item    | Imported/ Indigenous | Approximate Cost (Rs. In Lakhs) | Tentative period of Procurement |
| 1                | Chemicals & Solvents           | Imported/ Indigenous | 8.0                             | 2025-2026                       |
| 2                | Glassware                      | Imported/ Indigenous | 7.0                             | 2025-2026                       |
| 3                | Separation resins & TLC plates | Imported/ Indigenous | 5.0                             | 2025-2026                       |
| 4                | Enzymes and substrates         | Imported/ Indigenous | 3.0                             | 2025-2026                       |
| 5                | Plasticware                    | Indigenous           | 1.5                             | 2025-2026                       |
| 6                | Softwares                      | Imported             | 6.0                             | 2025-2026                       |
| 7                | HPLC Column                    | Imported             | 1.5                             | 2025-2026                       |

TSP 1452 (2025-26) (Dr. Vaibhav Kulshreshta)

| Consumable Items |                             |                 |                      |                                 |                                 |
|------------------|-----------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| S. No            | No. Name of Equipment/ Item | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. in Lakhs) | Tentative period of Procurement |
| 1                | Chemicals and consumables   | 1               | Indigenous           | 2.0                             | 2025-26                         |

GAP-2186 (Dr. Sureshkumar Jewrajka)

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

| Consumable Items Below 5 Lakh (GAP-2186) |                                                                                             |                 |                         |                                 |                                 |
|------------------------------------------|---------------------------------------------------------------------------------------------|-----------------|-------------------------|---------------------------------|---------------------------------|
| S. No                                    | No. Name of Equipment/ Item                                                                 | Quantity (Nos.) | Imported/ Indigenous    | Approximate Cost (Rs. In Lakhs) | Tentative period of Procurement |
| 1                                        | Chemicals including solvents                                                                | 30-50           | Imported and indigenous | 1.5/-                           | 2025-26                         |
| 2                                        | Glassware and plastic made consumables,SS and other plant fitting and kit fitting materials | 40              | indigenous              | 0.3/-                           | 2025-26                         |
| 43                                       | Printer Cartridge                                                                           | 2               | Indigenous (GEM)        | 0.06/-                          | 2025-26                         |

GAP 2192 (Dr. Rajaram Nagarale)  
(Capital Budget Head)

| 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                                  | Melt extruder           | 01              | Indigenous           | 20.00                           | 2024-26                         |
| 2                                  | Battery analyzer        | 01              | Indigenous           | 20.00                           | 2025-26                         |
| 3                                  | Glass reactor           | 01              | Indigenous           | 10                              | 2025-26                         |

| 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                                  | Peristaltic Pumps       | 02              | Indigenous           | 04.00                           | 2025-26                         |
| 2                                  | Hydogen sensors         | 02              | Indigenous           | 04.00                           | 2025-26                         |
| 3                                  | Oxygen sensors          | 02              | Indigenous           | 02.00                           | 2025-26                         |
| 4                                  | Flow meters             | 02              | Indigenous           | 03.00                           | 2025-26                         |
| 5                                  | Micro balance           | 01              | Indigenous           | 02.00                           | 2025-26                         |
| 6                                  | Magnetic stirrers       | 04              | Indigenous           | 04.00                           | 2025-26                         |
| 7                                  | Chemical refrigerator   | 01              | Indigenous           | 01.50                           | 2025-26                         |
| 8                                  | Computers               | 01              | Indigenous           | 01.50                           | 2025-26                         |

GAP 2188 (Dr. Sanjay Patil)

| CSIR, CSMCRI                                                 |                                                                                                                                                                                                             |                 |                                 |                              |              |                    |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------|------------------------------|--------------|--------------------|
| Procurement Plan 2025-2026 Under Externally Funded Projects. |                                                                                                                                                                                                             |                 |                                 |                              |              |                    |
| Sr. No.                                                      | Name of the Equipment/Item                                                                                                                                                                                  | Quantity (Nos.) | Approximate Cost (Rs. In Lakhs) | Proposed Year of Procurement | Project Code | Project PI         |
| 01                                                           | Multi-functional meter, measuring/analysis meter (Non - Consumable)                                                                                                                                         | 02              | 1.5                             | 2025-2026                    | GAP 2188     | Dr Sanjay D. Patil |
| 02                                                           | RO Modules Domestic (Consumable)                                                                                                                                                                            | 50              | 2.00                            | 2025-2026                    | GAP 2188     | Dr Sanjay D. Patil |
| 03                                                           | Chemicals/ Citric Acid (Consumable)                                                                                                                                                                         |                 | 1.00                            | 2025-2026                    | GAP 2188     | Dr Sanjay D. Patil |
| 04                                                           | Printer Cartridge (Consumable)                                                                                                                                                                              | 08              | 0.5                             | 2025-2026                    | GAP 2188     | Dr Sanjay D. Patil |
| 05                                                           | Miscellaneous fittings for domestic RO Plant System: Hose Pipes, PVC Fittings, Pressure Gauges', Cartridge Housings, SMPS, TDS control valve, electric accessories and Filters & glass beakers (Consumable) |                 | 2.00                            | 2025-2026                    | GAP 2188     | Dr Sanjay D. Patil |

CNP – 1437 (Dr. Sanjay Patil)

| CSIR, CSMCRI                                                 |                                         |                 |                                 |                              |              |                    |
|--------------------------------------------------------------|-----------------------------------------|-----------------|---------------------------------|------------------------------|--------------|--------------------|
| Procurement Plan 2025-2026 Under Externally Funded Projects. |                                         |                 |                                 |                              |              |                    |
| Sr. No.                                                      | Name of the Equipment/Item              | Quantity (Nos.) | Approximate Cost (Rs. In Lakhs) | Proposed Year of Procurement | Project Code | Project PI         |
| 01                                                           | Travelling Allowance/Dearness Allowance |                 | 2.5                             | 2025-2026                    | CNP 1437     | Dr Sanjay D. Patil |
| 02                                                           | External Payments                       |                 | 0.7                             | 2025-2026                    | CNP-1437     | Dr Sanjay D. Patil |

CNP – 1437 (Dr. Sanjay Patil)

| CSIR, CSMCRI                                                                      |                    |                                 |                              |              |                    |
|-----------------------------------------------------------------------------------|--------------------|---------------------------------|------------------------------|--------------|--------------------|
| Procurement Plan 2025-2026 Under Externally Funded Projects.                      |                    |                                 |                              |              |                    |
| Name of the Equipment/Item                                                        | Quantity (Nos.)    | Approximate Cost (Rs. In Lakhs) | Proposed Year of Procurement | Project Code | Project PI         |
| Membranes - Modules (SWRO, BWRO)<br>[Consumables]                                 | 12                 | 3.5                             | 2025-2026                    | TSP 1418     | Dr Sanjay D. Patil |
| Chemicals-citric acids<br>[Consumables]                                           |                    | 1.00                            | 2025-2026                    | TSP 1418     | Dr Sanjay D. Patil |
| Hollow Fibre Membrane Modules<br>[Consumables]                                    | 02                 | 2.50                            | 2025-2026                    | TSP 1418     | Dr Sanjay D. Patil |
| Cartridge filters & elements<br>[Consumables]                                     | 10 Boxes (09 each) | 1.00                            | 2025-2026                    | TSP 1418     | Dr Sanjay D. Patil |
| Booster & High-pressure Pumps (Centrifugal/Axial Piston Pumps)<br>[Capital items] | 02 sets            | 10.00                           | 2025-2026                    | TSP 1418     | Dr Sanjay D. Patil |



GAP 2168 (Dr. D N Srivastava)

| CSIR, CSMCRI                                                 |                 |                                 |                              |              |                         |
|--------------------------------------------------------------|-----------------|---------------------------------|------------------------------|--------------|-------------------------|
| Procurement Plan 2025-2026 Under Externally Funded Projects. |                 |                                 |                              |              |                         |
| Name of the Equipment/Item                                   | Quantity (Nos.) | Approximate Cost (Rs. In Lakhs) | Proposed Year of Procurement | Project Code | Project PI              |
| CHEMICALS and CONSUMABLES                                    | -               | 2.75lakhs + GST                 | 2025-2026                    | GAP2168      | Dr Divesh N. Srivastava |

GAP 2155 (Dr. Joyee Mitra)

(Consumable Budget Head)

| Consumable Items (Add category and row if required) |                                 |                                 |
|-----------------------------------------------------|---------------------------------|---------------------------------|
| Sr. No.                                             | Name of Equipment/ Item         | Approximate Cost (Rs. in Lakhs) |
| 1                                                   | Chemicals                       | 1.5                             |
| 2                                                   | Glassware                       | 0.4                             |
| 3                                                   | Plastic ware                    | 0.7                             |
| 4                                                   | R & D Equipment's               |                                 |
| 5                                                   | Works & Services                |                                 |
| 6                                                   | Repair & Job work               |                                 |
| 7                                                   | Cartridge                       |                                 |
| 8                                                   | Gas Cylinders                   | 0.4                             |
| 9                                                   | Software                        |                                 |
| 10                                                  | Electrical and Electronic items |                                 |
| 11                                                  | Stationery                      |                                 |
| 12                                                  | Annual maintenance contract     |                                 |
| 13                                                  | IT related consumables          |                                 |
| 14                                                  | UPS batteries                   |                                 |

| <b>CSIR-CSMCRI</b><br><b>Procurement Plan 2024-25 under</b><br><b>Externally Funded Projects</b> |                          |                 |                                 |                              |              |
|--------------------------------------------------------------------------------------------------|--------------------------|-----------------|---------------------------------|------------------------------|--------------|
| S NO                                                                                             | Name of Equipment / Item | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) | Proposed Year of Procurement | Project Code |
| 1                                                                                                | Chemicals                | 50              | 3.5                             | 2025-26                      | GAP-2184     |
| 2                                                                                                | Glasswares               | 20              | 0.8                             | 2025-26                      | GAP-2184     |
| 3                                                                                                | Plasticwares             | 20              | 0.5                             | 2025-26                      | GAP-2184     |
| 4                                                                                                | Filters or related       | 5               | 0.2                             | 2025-26                      | GAP-2184     |
| 5                                                                                                | Toners/Cartridges        | 2               | 0.2                             | 2025-26                      | GAP-2184     |
| 6                                                                                                | Software package         | 2               | 0.3                             | 2025-26                      | GAP-2184     |

Dr. Moutusi Manna  
**Capital items**

| <b>CSIR-CSMCRI</b><br><b>Procurement plan 2025-26 under</b><br><b>Externally Funded Projects</b> |                            |                 |                                 |                              |              |            |
|--------------------------------------------------------------------------------------------------|----------------------------|-----------------|---------------------------------|------------------------------|--------------|------------|
| S.No                                                                                             | Name of the equipment/item | Quantity (Nos.) | Approximate cost (Rs. In Lakhs) | Proposed year of procurement | Project Code | Project PI |
| 1                                                                                                | -                          | -               | -                               | -                            | -            | -          |
| 2                                                                                                | -                          | -               | -                               | -                            | -            | -          |

**Consumable items**

| <b>CSIR-CSMCRI</b><br><b>Procurement plan 2025-26 under</b><br><b>Externally Funded Projects</b> |                            |                 |                                 |                              |              |            |
|--------------------------------------------------------------------------------------------------|----------------------------|-----------------|---------------------------------|------------------------------|--------------|------------|
| S.No                                                                                             | Name of the equipment/item | Quantity (Nos.) | Approximate cost (Rs. In Lakhs) | Proposed year of procurement | Project Code | Project PI |

|   |                   |   |       |         |         |                                                        |
|---|-------------------|---|-------|---------|---------|--------------------------------------------------------|
| 1 | Chemicals         | 2 | 0.20  | 2025-26 | GAP2141 | Arun K. Rathod<br>(Supervisor: Dr. Moutusi Manna)      |
| 2 | Other consumables | 4 | 0.45  | 2025-26 |         |                                                        |
| 3 | Glassware         | - | -     | 2025-26 |         |                                                        |
| 4 | Plasticware       | - | -     | 2025-26 |         |                                                        |
| 5 | Gases             | - | -     | 2025-26 |         |                                                        |
| 1 | Chemicals         | 4 | 0.50  | 2025-26 | GAP2144 | Dhruvilkumar Chavda<br>(Supervisor: Dr. Moutusi Manna) |
| 2 | Other consumables | 2 | 0.20  | 2025-26 |         |                                                        |
| 3 | Glassware         | 1 | 0.005 | 2025-26 |         |                                                        |
| 4 | Plasticware       | 1 | 0.005 | 2025-26 |         |                                                        |
| 5 | Gases             | 2 | 0.005 | 2025-26 |         |                                                        |
| 1 | Chemicals         | 3 | 0.35  | 2025-26 | GAP2166 | Ankita B. Shandul<br>(Supervisor: Dr. Moutusi Manna)   |
| 2 | Other consumables | 2 | 0.25  | 2025-26 |         |                                                        |
| 3 | Glassware         | 1 | 0.10  | 2025-26 |         |                                                        |
| 4 | Plasticware       | 1 | 0.10  | 2025-26 |         |                                                        |
| 5 | Gases             | 1 | 0.10  | 2025-26 |         |                                                        |

| CSIR-CSMCRI                           |                                       |                 |                      |                                 |                                 |  |
|---------------------------------------|---------------------------------------|-----------------|----------------------|---------------------------------|---------------------------------|--|
| Procurement Plan 2025-26              |                                       |                 |                      |                                 |                                 |  |
| Externally Funded Projects (SSP-1451) |                                       |                 |                      |                                 |                                 |  |
| PI: Dr. S. Halder                     |                                       |                 |                      |                                 |                                 |  |
| Non- Consumable Items                 |                                       |                 |                      |                                 |                                 |  |
| Sr. No.                               | Name of Equipment/ Item               | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. in Lakhs) | Tentative period of Procurement |  |
| 1                                     | Microwave Digester                    | 1               | As per availability  | 35 lakhs                        | 2025-26                         |  |
| 2                                     | GC-MS                                 | 1               | As per availability  | 80 lakhs                        | 2025-26                         |  |
| 4                                     | UV-Visible Spectrophotometer          | 1               | As per availability  | 10 Lakhs                        | 2025-26                         |  |
| 5                                     | Compound microscope with camera       | 1               | As per availability  | 5 Lakhs                         | 2025-26                         |  |
| 6                                     | Solid phase extraction unit with pump | 1               | As per availability  | 8 Lakhs                         | 2025-26                         |  |
| 4                                     | Floor mount Centrifuge machine        | 1               | As per availability  | 10 Lakhs                        | 2025-26                         |  |
| 5                                     | Freeze drier                          | 1               | As per availability  | 10 Lakhs                        | 2025-26                         |  |
| 6                                     | Vacuum incubator                      | 1               | As per availability  | 6 Lakhs                         | 2025-26                         |  |

|    |                     |   |                     |          |         |
|----|---------------------|---|---------------------|----------|---------|
| 7  | Autoclave           | 2 | As per availability | 14 lakhs | 2025-26 |
| 8  | Nitrogen evaporator | 1 | As per availability | 5 Lakhs  | 2025-26 |
| 9  | Rota Vapour         | 2 | As per availability | 20 Lakhs | 2025-26 |
| 10 | HPLC                | 1 | As per availability | 30 Lakhs | 2025-26 |

| <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                                         | AC to DC converter             | 02                     | As per availability         | 2 Lakh                                 | 2025-26                                |
| 2                                         | Water Pump                     | 5                      | As per availability         | 5 Lakh                                 | 2025-26                                |
| 3                                         | Peristaltic pump               | 7                      | As per availability         | 5 Lakh                                 | 2025-26                                |
| 4                                         | Sonicator                      | 1                      | As per availability         | 3 Lakh                                 | 2025-26                                |
| 5                                         | Hot Air Oven                   | 1                      | As per availability         | 3 Lakh                                 | 2025-26                                |
| 6                                         | Shaking water bath             | 1                      | As per availability         | 3 Lakh                                 | 2025-26                                |
| 7                                         | Solvent dispenser              | 10                     | As per availability         | 10 lakhs                               | 2025-26                                |
| 8                                         | Incubator                      | 1                      | As per availability         | 4 Lakh                                 | 2025-26                                |
| 9                                         | Hotplate with stirrer          | 2                      | As per availability         | 3 Lakh                                 | 2025-26                                |
| 10                                        | COD digester                   | 1                      | As per availability         | 3 Lakh                                 | 2025-26                                |
| 11                                        | Shaker Incubator               | 1                      | As per availability         | 3 Lakhs                                | 2025-26                                |
| 12                                        | Portable DO meter              | 2                      | As per availability         | 1 Lakh                                 | 2025-26                                |
| 13                                        | Portable pH/ORP meter          | 2                      | As per availability         | 1 Lakh                                 | 2025-26                                |
| 14                                        | Refractor meter                | 1                      | As per availability         | 2 Lakh                                 | 2025-26                                |
| 15                                        | Multimeter                     | 2                      | As per availability         | 1 Lakh                                 | 2025-26                                |
| 16                                        | pH Meter                       | 2                      | As per availability         | 2 Lakh                                 | 2025-26                                |
| 17                                        | TDS Meter                      | 1                      | As per availability         | 1 Lakh                                 | 2025-26                                |

|    |                                                   |   |                     |           |         |
|----|---------------------------------------------------|---|---------------------|-----------|---------|
| 18 | Refractometer                                     | 2 | As per availability | 0.50 Lakh | 2025-26 |
| 19 | Binocular                                         | 2 | As per availability | 0.20 Lakh | 2025-26 |
| 20 | Air sampler/Respirable Dust sampler (PM 2.5 & 10) | 5 | As per availability | 5 Lakh    | 2025-26 |
| 21 | CO sampler                                        | 2 | As per availability | 2 Lakh    | 2025-26 |
| 22 | CO2 sampler                                       | 2 | As per availability | 2 Lakh    | 2025-26 |

| <b>Consumable Items Below 5 Lakh</b> |                                    |                        |                             |                                        |                                        |
|--------------------------------------|------------------------------------|------------------------|-----------------------------|----------------------------------------|----------------------------------------|
| <b>S. No</b>                         | <b>No. 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.                                   | Chemicals                          | 50                     | Indigenous                  | 4 Lakh                                 | 2025-26                                |
| 2.                                   | Glassware                          | 200                    | Indigenous                  | 4 Lakh                                 | 2025-26                                |
| 3.                                   | Plastic ware                       | 250                    | Indigenous                  | 3 Lakh                                 | 2025-26                                |
| 4.                                   | R & D Equipment's                  | 5                      | Indigenous                  | 2 Lakh                                 | 2025-26                                |
| 5.                                   | Works & Services                   | 5                      | Indigenous                  | 1 Lakh                                 | 2025-26                                |
| 6.                                   | Repair & Job work                  | 5                      | Indigenous                  | 1 Lakh                                 | 2025-26                                |
| 7.                                   | Cartridge                          | 4                      | Indigenous                  | 0.5 Lakh                               | 2025-26                                |
| 8.                                   | Gas Cylinders refiling             | 10                     | Indigenous                  | 0.5 Lakh                               | 2025-26                                |
| 9.                                   | Software                           | 1                      | Indigenous                  | 5 Lakh                                 | 2025-26                                |
| 10.                                  | Electrical and Electronic items    | 5                      | Indigenous                  | 1 Lakh                                 | 2025-26                                |
| 11.                                  | Stationery                         | 10                     | Indigenous                  | 0.20 Lakh                              | 2025-26                                |
| 12.                                  | Other miscellaneous items          | 10                     | Indigenous                  | 1 Lakh                                 | 2025-26                                |

2025-26 for GAP 2172

| Sr. No. | Items                                                                            | Consolidate approximate cost |
|---------|----------------------------------------------------------------------------------|------------------------------|
| 1       | Consumables                                                                      |                              |
| 2       | Chemicals                                                                        | Rs. 1,85,000                 |
| 3       | Plastic were                                                                     | Rs. 1,00,000                 |
| 4       | Other consumables including seawater, anchor, fish net, polypropylene ropes etc. | Rs. 1,00,000                 |

| CSIR-CSMCRI                                                  |                         |                 |                                                      |                              |              |                          |
|--------------------------------------------------------------|-------------------------|-----------------|------------------------------------------------------|------------------------------|--------------|--------------------------|
| Procurement Plan 2024-25 under<br>Externally Funded Projects |                         |                 |                                                      |                              |              |                          |
| Sr. No.                                                      | Name of Equipment/ Item | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) Imported/ Indigenous | Proposed Year of Procurement | Project Code | Project PI               |
| 1                                                            | Hot Plate with Stirrer  | 1               | 0.5 Lakh<br>(Indigenous/imported)                    | 0.5 Lakhs                    | CLP1221      | Dr. Sourish Bhattacharya |

| CSIR-CSMCRI                                               |                              |          |                                 |                              |              |               |
|-----------------------------------------------------------|------------------------------|----------|---------------------------------|------------------------------|--------------|---------------|
| Procurement plan 2025-26 under externally funded projects |                              |          |                                 |                              |              |               |
| S. No                                                     | Name of the equipment/ items | Quantity | Approximate cost (Rs. In Lakhs) | Proposed year of procurement | Project Code | Project PI    |
| 1                                                         | Chemicals                    | -        | 3                               | 2025-26                      | GAP 2183     | Dr. L. Satish |
| 2                                                         | Plasticwares                 | -        | 3                               | 2025-26                      |              |               |
| 3                                                         | Glasswares                   | -        | 3                               | 2025-26                      |              |               |
| 4                                                         | Consumables                  | -        | 1                               | 2025-26                      |              |               |

| CSIR-CSMCRI                           |                                                   |                 |                      |                                 |                                 |
|---------------------------------------|---------------------------------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| Procurement Plan 2025-26              |                                                   |                 |                      |                                 |                                 |
| Externally Funded Projects (CLP-1222) |                                                   |                 |                      |                                 |                                 |
| PI: Dr. S. Haldar                     |                                                   |                 |                      |                                 |                                 |
| Non- Consumable Items                 |                                                   |                 |                      |                                 |                                 |
| Sr. No.                               | Name of Equipment/ Item                           | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. in Lakhs) | Tentative period of Procurement |
| 1                                     | AC to DC converter                                | 02              | As per availability  | 2 Lakh                          | 2025-26                         |
| 2                                     | Water Pump                                        | 5               | As per availability  | 5 Lakh                          | 2025-26                         |
| 3                                     | Peristaltic pump                                  | 7               | As per availability  | 5 Lakh                          | 2025-26                         |
| 4                                     | Sonicator                                         | 1               | As per availability  | 3 Lakh                          | 2025-26                         |
| 5                                     | Hot Air Oven                                      | 1               | As per availability  | 3 Lakh                          | 2025-26                         |
| 6                                     | Shaking water bath                                | 1               | As per availability  | 3 Lakh                          | 2025-26                         |
| 7                                     | Solvent dispenser                                 | 1               | As per availability  | 1 lakhs                         | 2025-26                         |
| 8                                     | Incubator                                         | 1               | As per availability  | 4 Lakh                          | 2025-26                         |
| 9                                     | Hotplate with stirrer                             | 2               | As per availability  | 3 Lakh                          | 2025-26                         |
| 10                                    | COD digester                                      | 1               | As per availability  | 3 Lakh                          | 2025-26                         |
| 11                                    | Shaker Incubator                                  | 1               | As per availability  | 3 Lakhs                         | 2025-26                         |
| 12                                    | Portable DO meter                                 | 2               | As per availability  | 1 Lakh                          | 2025-26                         |
| 13                                    | Portable pH/ORP meter                             | 2               | As per availability  | 1 Lakh                          | 2025-26                         |
| 14                                    | Refractor meter                                   | 1               | As per availability  | 2 Lakh                          | 2025-26                         |
| 15                                    | Multimeter                                        | 2               | As per availability  | 1 Lakh                          | 2025-26                         |
| 16                                    | pH Meter                                          | 2               | As per availability  | 2 Lakh                          | 2025-26                         |
| 17                                    | TDS Meter                                         | 1               | As per availability  | 1 Lakh                          | 2025-26                         |
| 18                                    | Muffle Furnace                                    | 1               | As per availability  | 5 Lakh                          | 2025-26                         |
| 19                                    | Air sampler/Respirable Dust sampler (PM 2.5 & 10) | 5               | As per availability  | 5 Lakh                          | 2025-26                         |

| <b>CSIR-CSMCRI</b>                           |                                              |                        |                             |                                        |                                        |
|----------------------------------------------|----------------------------------------------|------------------------|-----------------------------|----------------------------------------|----------------------------------------|
| <b>Procurement Plan 2025-26</b>              |                                              |                        |                             |                                        |                                        |
| <b>Externally Funded Projects (GAP-2170)</b> |                                              |                        |                             |                                        |                                        |
| <b>PI: Dr. S. Halder</b>                     |                                              |                        |                             |                                        |                                        |
| <b>Consumable Items</b>                      |                                              |                        |                             |                                        |                                        |
| <b>S. No</b>                                 | <b>No. 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.                                           | Chemicals,                                   | 420                    | As per availability         | 5.00000                                | 2025-26                                |
| 2.                                           | standards and solvents                       | 50                     | As per availability         | 4.20000                                | 2025-26                                |
| 3.                                           | Glassware                                    | 200                    | As per availability         | 4.00000                                | 2025-26                                |
| 4.                                           | Plastic ware                                 | 450                    | As per availability         | 4.00000                                | 2025-26                                |
| 5.                                           | Works & Services                             | 5                      | As per availability         | 2.00000                                | 2025-26                                |
| 6.                                           | Repair & Job work                            | 5                      | As per availability         | 2.00000                                | 2025-26                                |
| 7.                                           | Cartridge                                    | 5                      | As per availability         | 0.20000                                | 2025-26                                |
| 8.                                           | Software                                     | 2                      | As per availability         | 2.00000                                | 2025-26                                |
| 9.                                           | Electrical and Electronic items              | 5                      | As per availability         | 0.80000                                | 2025-26                                |
| 10.                                          | UPS batteries                                | 10                     | As per availability         | 0.50000                                | 2025-26                                |
| 11.                                          | IT related consumables hard drives, RAM etc. | 5                      | As per availability         | 2.00000                                | 2025-26                                |
| 12.                                          | Annual maintenance contract                  | 2                      | As per availability         | 1.50000                                | 2025-26                                |
| 13.                                          | Other miscellaneous items                    | 10                     | As per availability         | 1.50000                                | 2025-26                                |



| CSIR-CSMCRI                           |                                                                                                                                     |                 |                       |                                 |                                 |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------|---------------------------------|---------------------------------|
| Procurement Plan 2025-26              |                                                                                                                                     |                 |                       |                                 |                                 |
| Externally Funded Projects (GAP-2187) |                                                                                                                                     |                 |                       |                                 |                                 |
| PI: Dr. Sanak Ray                     |                                                                                                                                     |                 |                       |                                 |                                 |
| 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                                     | Establishment/fabrication/installation of the hybrid system (construction and demonstration of the DMCW System & resource recovery) | 1               | As per availability   | 25 lakhs                        | 2025-26                         |

| 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                                  | Water Pump              | 1               | As per availability  | 1 lakhs                         | 2025-26                         |

| Consumable Items Below 5 Lakh |                                              |                 |                      |                                 |                                 |
|-------------------------------|----------------------------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| S. No                         | No. Name of Equipment/ Item                  | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. In Lakhs) | Tentative period of Procurement |
| 1.                            | Chemicals,                                   | 420             | As per availability  | 5.00000                         | 2025-26                         |
| 2.                            | standards and solvents                       | 50              | As per availability  | 4.20000                         | 2025-26                         |
| 3.                            | Glassware                                    | 200             | As per availability  | 4.00000                         | 2025-26                         |
| 4.                            | Plastic ware                                 | 450             | As per availability  | 4.00000                         | 2025-26                         |
| 5.                            | Works & Services                             | 5               | As per availability  | 2.00000                         | 2025-26                         |
| 6.                            | Repair & Job work                            | 5               | As per availability  | 2.00000                         | 2025-26                         |
| 7.                            | Electrical and Electronic items              | 5               | As per availability  | 0.80000                         | 2025-26                         |
| 8.                            | UPS batteries                                | 3               | As per availability  | 0.20000                         | 2025-26                         |
| 9.                            | IT related consumables hard drives, RAM etc. | 5               | As per availability  | 2.00000                         | 2025-26                         |

|     |                             |    |                     |         |         |
|-----|-----------------------------|----|---------------------|---------|---------|
| 10. | Annual maintenance contract | 2  | As per availability | 1.50000 | 2025-26 |
| 11. | Other miscellaneous items   | 10 | As per availability | 1.50000 | 2025-26 |

| <b>CSIR-CSMCRI</b>                           |                                       |                        |                             |                                        |                                        |
|----------------------------------------------|---------------------------------------|------------------------|-----------------------------|----------------------------------------|----------------------------------------|
| <b>Procurement Plan 2025-26</b>              |                                       |                        |                             |                                        |                                        |
| <b>Externally Funded Projects (TSP-1433)</b> |                                       |                        |                             |                                        |                                        |
| <b>PI: Dr. S. Haldar</b>                     |                                       |                        |                             |                                        |                                        |
| <b>Non- Consumable Items</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                      | As per availability         | 35 lakhs                               | 2025-26                                |
| 2                                            | GC-MS                                 | 1                      | As per availability         | 80 lakhs                               | 2025-26                                |
| 4                                            | UV-Visible Spectrophotometer          | 1                      | As per availability         | 10 Lakhs                               | 2025-26                                |
| 5                                            | Compound microscope with camera       | 1                      | As per availability         | 5 Lakhs                                | 2025-26                                |
| 6                                            | Solid phase extraction unit with pump | 1                      | As per availability         | 8 Lakhs                                | 2025-26                                |
| 4                                            | Floor mount Centrifuge machine        | 1                      | As per availability         | 10 Lakhs                               | 2025-26                                |
| 5                                            | Freeze drier                          | 1                      | As per availability         | 10 Lakhs                               | 2025-26                                |
| 6                                            | Vacuum incubator                      | 1                      | As per availability         | 6 Lakhs                                | 2025-26                                |
| 7                                            | Autoclave                             | 2                      | As per availability         | 14 lakhs                               | 2025-26                                |
| 8                                            | Nitrogen evaporator                   | 1                      | As per availability         | 5 Lakhs                                | 2025-26                                |
| 9                                            | Rota Vapour                           | 2                      | As per availability         | 20 Lakhs                               | 2025-26                                |
| 10                                           | HPLC                                  | 1                      | As per availability         | 30 Lakhs                               | 2025-26                                |

| <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                                         | AC to DC converter             | 02                     | As per availability         | 2 Lakh                                 | 2025-26                                |
| 2                                         | Water Pump                     | 5                      | As per availability         | 5 Lakh                                 | 2025-26                                |
| 3                                         | Peristaltic pump               | 7                      | As per availability         | 5 Lakh                                 | 2025-26                                |
| 4                                         | Sonicator                      | 1                      | As per availability         | 3 Lakh                                 | 2025-26                                |

|    |                       |    |                     |           |         |
|----|-----------------------|----|---------------------|-----------|---------|
| 5  | Hot Air Oven          | 1  | As per availability | 3 Lakh    | 2025-26 |
| 6  | Shaking water bath    | 1  | As per availability | 3 Lakh    | 2025-26 |
| 7  | Solvent dispenser     | 10 | As per availability | 10 lakhs  | 2025-26 |
| 8  | Incubator             | 1  | As per availability | 4 Lakh    | 2025-26 |
| 9  | Hotplate with stirrer | 2  | As per availability | 3 Lakh    | 2025-26 |
| 10 | COD digester          | 1  | As per availability | 3 Lakh    | 2025-26 |
| 11 | Shaker Incubator      | 1  | As per availability | 3 Lakhs   | 2025-26 |
| 12 | Portable DO meter     | 2  | As per availability | 1 Lakh    | 2025-26 |
| 13 | Portable pH/ORP meter | 2  | As per availability | 1 Lakh    | 2025-26 |
| 14 | Refractor meter       | 1  | As per availability | 2 Lakh    | 2025-26 |
| 15 | Multimeter            | 2  | As per availability | 1 Lakh    | 2025-26 |
| 16 | pH Meter              | 2  | As per availability | 2 Lakh    | 2025-26 |
| 17 | TDS Meter             | 1  | As per availability | 1 Lakh    | 2025-26 |
| 18 | Refractometer         | 2  | As per availability | 0.50 Lakh | 2025-26 |
| 19 | Binocular             | 2  | As per availability | 0.20 Lakh | 2025-26 |

| Consumable Items Below 5 Lakh |                             |                 |                      |                                 |                                 |
|-------------------------------|-----------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| S. No                         | No. Name of Equipment/ Item | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. In Lakhs) | Tentative period of Procurement |
| 1.                            | Chemicals                   | 50              | Indigenous           | 4 Lakh                          | 2025-26                         |
| 2.                            | Glassware                   | 200             | Indigenous           | 4 Lakh                          | 2025-26                         |
| 3.                            | Plastic ware                | 250             | Indigenous           | 3 Lakh                          | 2025-26                         |
| 4.                            | R & D Equipment's           | 5               | Indigenous           | 2 Lakh                          | 2025-26                         |
| 5.                            | Works & Services            | 5               | Indigenous           | 1 Lakh                          | 2025-26                         |
| 6.                            | Repair & Job work           | 5               | Indigenous           | 1 Lakh                          | 2025-26                         |
| 7.                            | Cartridge                   | 4               | Indigenous           | 0.5 Lakh                        | 2025-26                         |
| 8.                            | Gas Cylinders refiling      | 10              | Indigenous           | 0.5 Lakh                        | 2025-26                         |
| 9.                            | Software                    | 1               | Indigenous           | 5 Lakh                          | 2025-26                         |

|     |                                 |    |            |           |         |
|-----|---------------------------------|----|------------|-----------|---------|
| 10. | Electrical and Electronic items | 5  | Indigenous | 1 Lakh    | 2025-26 |
| 11. | Stationery                      | 10 | Indigenous | 0.20 Lakh | 2025-26 |
| 12. | Other miscellaneous items       | 10 | Indigenous | 1 Lakh    | 2025-26 |

| <b>CSIR-CSMCRI</b>                           |                                              |                        |                             |                                        |                                        |
|----------------------------------------------|----------------------------------------------|------------------------|-----------------------------|----------------------------------------|----------------------------------------|
| <b>Procurement Plan 2025-26</b>              |                                              |                        |                             |                                        |                                        |
| <b>Externally Funded Projects (TSP-1437)</b> |                                              |                        |                             |                                        |                                        |
| <b>PI: Dr. S. Haldar</b>                     |                                              |                        |                             |                                        |                                        |
| <b>Consumable Items</b>                      |                                              |                        |                             |                                        |                                        |
| <b>S. No</b>                                 | <b>No. 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.                                           | Chemicals,                                   | 420                    | As per availability         | 5.00000                                | 2025-26                                |
| 2.                                           | standards and solvents                       | 50                     | As per availability         | 4.20000                                | 2025-26                                |
| 3.                                           | Glassware                                    | 200                    | As per availability         | 4.00000                                | 2025-26                                |
| 4.                                           | Plastic ware                                 | 450                    | As per availability         | 4.00000                                | 2025-26                                |
| 5.                                           | Works & Services                             | 5                      | As per availability         | 2.00000                                | 2025-26                                |
| 6.                                           | Repair & Job work                            | 5                      | As per availability         | 2.00000                                | 2025-26                                |
| 7.                                           | Cartridge                                    | 5                      | As per availability         | 0.20000                                | 2025-26                                |
| 8.                                           | Software                                     | 2                      | As per availability         | 2.00000                                | 2025-26                                |
| 9.                                           | Electrical and Electronic items              | 5                      | As per availability         | 0.80000                                | 2025-26                                |
| 10.                                          | UPS batteries                                | 10                     | As per availability         | 0.50000                                | 2025-26                                |
| 11.                                          | IT related consumables hard drives, RAM etc. | 5                      | As per availability         | 2.00000                                | 2025-26                                |
| 12.                                          | Annual maintenance contract                  | 2                      | As per availability         | 1.50000                                | 2025-26                                |

|     |                           |    |                     |         |         |
|-----|---------------------------|----|---------------------|---------|---------|
| 13. | Other miscellaneous items | 10 | As per availability | 1.50000 | 2025-26 |
|-----|---------------------------|----|---------------------|---------|---------|

| CSIR-CSMCRI                           |                         |                 |                      |                                 |                                 |
|---------------------------------------|-------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| Procurement Plan 2025-26              |                         |                 |                      |                                 |                                 |
| Externally Funded Projects (TSP-1449) |                         |                 |                      |                                 |                                 |
| PI: Dr. S. Halder                     |                         |                 |                      |                                 |                                 |
| Non- Consumable Items                 |                         |                 |                      |                                 |                                 |
| Sr. No.                               | Name of Equipment/ Item | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. in Lakhs) | Tentative period of Procurement |
| 1                                     | AC to DC converter      | 02              | As per availability  | 2 Lakh                          | 2025-26                         |
| 2                                     | Water Pump              | 5               | As per availability  | 5 Lakh                          | 2025-26                         |
| 3                                     | Peristaltic pump        | 7               | As per availability  | 5 Lakh                          | 2025-26                         |
| 4                                     | Sonicator               | 1               | As per availability  | 3 Lakh                          | 2025-26                         |
| 5                                     | Hot Air Oven            | 1               | As per availability  | 3 Lakh                          | 2025-26                         |
| 6                                     | Shaking water bath      | 1               | As per availability  | 3 Lakh                          | 2025-26                         |
| 7                                     | Solvent dispenser       | 5               | As per availability  | 5 lakhs                         | 2025-26                         |
| 8                                     | Incubator               | 1               | As per availability  | 4 Lakh                          | 2025-26                         |
| 9                                     | Hotplate with stirrer   | 2               | As per availability  | 3 Lakh                          | 2025-26                         |
| 10                                    | COD digester            | 1               | As per availability  | 3 Lakh                          | 2025-26                         |
| 11                                    | Shaker Incubator        | 1               | As per availability  | 3 Lakhs                         | 2025-26                         |
| 12                                    | Portable DO meter       | 2               | As per availability  | 1 Lakh                          | 2025-26                         |
| 13                                    | Portable pH/ORP meter   | 2               | As per availability  | 1 Lakh                          | 2025-26                         |
| 14                                    | Refractor meter         | 1               | As per availability  | 2 Lakh                          | 2025-26                         |
| 15                                    | Multimeter              | 2               | As per availability  | 1 Lakh                          | 2025-26                         |

|    |                     |   |                     |        |         |
|----|---------------------|---|---------------------|--------|---------|
| 16 | pH Meter            | 2 | As per availability | 2 Lakh | 2025-26 |
| 17 | TDS Meter           | 1 | As per availability | 1 Lakh | 2025-26 |
| 18 | Muffle Furnace      | 1 | As per availability | 8 Lakh | 2025-26 |
| 19 | Nitrogen Evaporator | 1 | As per availability | 1 Lakh | 2025-26 |

| CSIR-CSMCRI                                             |                                                                                    |                 |                                 |                              |              |                     |
|---------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|---------------------------------|------------------------------|--------------|---------------------|
| Procurement Plan 2025-26 under External Funded Projects |                                                                                    |                 |                                 |                              |              |                     |
| Sr. No.                                                 | Name of Equipment/ Item                                                            | Quantity (Nos.) | Approximate Cost (Rs. In Lakhs) | Proposed Year of Procurement | Project Code | Project PI          |
| 1                                                       | Core cutter/ Core drilling machine with petrol engine- 5.5 Hp with drill bit       | 1               | 1.66                            | 2025-26                      | GAP 2154     | Dr. Bhoomi Andharia |
| 2                                                       | Self Priming Monoblock Pump, 1 HP, Pump size- 25mm x 25mm                          | 1               | 0.0750                          | 2025-26                      | GAP 2154     | Dr. Bhoomi Andharia |
| 3                                                       | Submersible Pump set kilowatt (7.5 HP)                                             | 1               | 0.405                           | 2025-26                      | GAP 2154     | Dr. Bhoomi Andharia |
| 4                                                       | Concrete Cover Meter (1.1)<br>Standard Search Head (1.2)<br>Deep Cover Search Head | 1               | 1.75                            | 2025-26                      | GAP2 154     | Dr. Bhoomi Andharia |



**Annual Procurement Plan-2025-26  
(CSIR-Centrally Funded Projects)  
(Capital Budget Head)**

|                                                        |                                 |
|--------------------------------------------------------|---------------------------------|
| <b>Name of Project Investigator: Dr. Govind Sethia</b> | <b>Project Number: CLP-1215</b> |
|--------------------------------------------------------|---------------------------------|

| <b>Non- Consumable Items/Services (Add row if required)</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                                                           |                                |                        |                             |                                        |                                        |

**(Consumable Budget Head)**

| <b>Consumable Items (Add category and row if required)</b> |                                     |                                        |
|------------------------------------------------------------|-------------------------------------|----------------------------------------|
| <b>Sr. No.</b>                                             | <b>Name of Equipment/ Item</b>      | <b>Approximate Cost (Rs. in Lakhs)</b> |
| 1                                                          | Chemicals                           | 1                                      |
| 2                                                          | Glassware                           | 0.5                                    |
| 3                                                          | Plastic ware                        | 0.2                                    |
| 4                                                          | R & D Equipment's                   | 1                                      |
| 5                                                          | Works & Services                    | 0                                      |
| 6                                                          | Repair & Job work                   | 0.2                                    |
| 7                                                          | Cartridge                           | 0.3                                    |
| 8                                                          | Gas Cylinders                       | 0.5                                    |
| 9                                                          | Software                            | 0.3                                    |
| 10                                                         | Electrical and Electronic items     | 0.25                                   |
| 11                                                         | Stationery                          | 0                                      |
| 12                                                         | Annual maintenance contract         | 0                                      |
| 13                                                         | IT related consumables and Services | 0                                      |
| 14                                                         | UPS batteries                       | 0.2                                    |

**Project No.: CLP-1215**

The items mentioned below are not limited. The list will be updated according to our requirements.

**GAP-2191 (Dr. S. Adimurthy)**

New project sanctioned by ANRF/-DST, Govt. India, New Delhi

File Number: ANRF/IRG/2024/000429/CS dated 24/3/2025

**Subject:** Project titled "Synthesis of Marine Natural Product Staurosporinone and its Analogues".

The project cited above has been sanctioned and approved by Anusandhan National Research Foundation (ANRF) as per the following:

**Total cost of the project for 3 years: 41,23,240.00**

|   | <b>ANRF Approved Sub-heads for 3 years</b> | <b>(in Rupees)</b> |
|---|--------------------------------------------|--------------------|
| 1 | Man power/Research Personnel               | 15,98,400/-        |
| 2 | Consumables                                | 18,00,000/-        |
| 3 | Travel Cost                                | 2,00,000/-         |
| 4 | Contingencies                              | 1,50,000/-         |
| 5 | Overheads                                  | 3,74,840/-         |

**First year grants received (2025-2026): Rs. 13,74,000.00**

**Distribution of funds under sub-heads for first year 2025-26 are as under;**

|   | <b>Sub-heads (for 2025-26)</b> | <b>(in Rupees)</b> |
|---|--------------------------------|--------------------|
| 1 | Man power/ Research Personnel  | 5,15,040/-         |
| 2 | Consumables                    | 6,08,960/-         |
| 3 | Travel Cost                    | 75,000/-           |
| 4 | Contingencies                  | 50,000/-           |
| 5 | Overheads                      | 1,25,000/-         |

Dr. S. Adimurthy,  
Project Leader,  
MNPB-Division

**GAP2178**

**[CSIR-CSMCRI]**

**Procurement Plan**

**[Financial Year 2025-  
26]**

**[A] Consumables:**

The following categories of consumables are likely to be procured during the FY 2025-26.

**Table 3:** Consumables likely to be procured during **Financial Year 2025-26** (Annual):

| <b>S. No.</b> | <b>Category</b>                                                                                                                                | <b>Expected<br/>Procurement Value<br/>(Rs. In Lakhs)</b> |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 1             | Chemicals (ex.- Name the different chemicals like Solvents, Polymers, etc.)                                                                    | 4.5                                                      |
| 2             | Other Consumables (ex-, Raw Materials, Packing Material, Column, Syringes, TLC Plates, Filter papers, Chemical standards, NMR Tubes, CD, etc.) | 0.75                                                     |
| 3             | Glass wares (ex- name the different glass wares)                                                                                               | 0.5                                                      |
| 4             | Plastic wares (ex- Name the different plastic wares)                                                                                           | 0.75                                                     |
| 5             | Cartridges, Batteries, etc.                                                                                                                    | 0.25                                                     |
| 6             | Gases (ex- tentative names)                                                                                                                    | 0.2                                                      |
| 8             | Maintenance/AMC/repairing of existing equipment                                                                                                | 0.2                                                      |
| 9             | Stationary items (ex- pens, books, papers )                                                                                                    | 0.25                                                     |
| 10            | IT / software-related Items (Name the items required during year)                                                                              | 0.2                                                      |
| 11            | Medicines (Lab)                                                                                                                                | 0.01                                                     |
| 13            | Electric Items (Name the items required during year)                                                                                           | 0.2                                                      |
| 14            | Office Equipment (Pretty items)                                                                                                                | 0.2                                                      |

**Note:**

- The above procurement plan is dynamic and could be revised as often as may be necessary with the approval of competent authority.
- The procurement of the chemicals & consumables would be based on the need and time to time requirement of the R&D activities of CSIR-CSMCRI.
- The procurement is subject to the funds availability/release of sufficient grant from CSIR / or funding agency.

The indicated procurement value is an estimate only. This is issued with the approval of the competent authority.

**Project No. GAP-2160**

**Annual Procurement Plan for 2025-26**

**Consumable items**

| CSIR-CSMCRI |                                                                        |                       |                                 |                              |              |                     |
|-------------|------------------------------------------------------------------------|-----------------------|---------------------------------|------------------------------|--------------|---------------------|
| S.No        | Name of the equipment/item                                             | Quantity (Nos.)       | Approximate cost (Rs. In Lakhs) | Proposed year of procurement | Project Code | Project PI          |
| 1           | Chemicals                                                              | See below for details | 4.0                             | 2025-26                      | GAP2160      | Dr. Sukalyan Bhadra |
| 2           | Other consumables                                                      |                       | 0.5                             | 2025-26                      | GAP2160      | Dr. Sukalyan Bhadra |
| 3           | Glassware                                                              |                       | 0.6                             | 2025-26                      | GAP2160      | Dr. Sukalyan Bhadra |
| 4           | Plasticware                                                            |                       | 0.5                             | 2025-26                      | GAP2160      | Dr. Sukalyan Bhadra |
| 5           | Gases                                                                  |                       | 0.2                             | 2025-26                      | GAP2160      | Dr. Sukalyan Bhadra |
| 6           | Procurement of services and instrument parts, repairing of instruments |                       | 0.6                             | 2025-26                      | GAP2160      | Dr. Sukalyan Bhadra |

**Detailed Consumables list**

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**Tentative list of Chemicals**

The list is not limited, as and when new items required will be updated

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## Project No. GAP 2185

### [A] Equipment:

**Table 1:** Equipment for procurement during the FY 2025-26 and subsequent 3 – 5 years (under **Non-project mode**; out of CSIR Grant / Lab Grant):

| Financial Year 2025-2026 |                          |                 |                                 |
|--------------------------|--------------------------|-----------------|---------------------------------|
| S. No.                   | Name of Equipment / Item | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) |
| 1                        |                          |                 |                                 |
| 2                        |                          |                 |                                 |

| Next 3-5 Years |                          |                 |                                 |
|----------------|--------------------------|-----------------|---------------------------------|
| S. No.         | Name of Equipment / Item | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) |
|                |                          |                 |                                 |
|                |                          |                 |                                 |

**Table 2:** Equipment for procurement during the FY 2025-26 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

| Financial Year 2025-2026 |                          |                 |                                 |                     |
|--------------------------|--------------------------|-----------------|---------------------------------|---------------------|
| S. No.                   | Name of Equipment / Item | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) | Project Number/Code |
| 1                        |                          |                 |                                 |                     |
| 2                        |                          |                 |                                 |                     |

| Next 3-5 Years |                          |                 |                                 |                     |
|----------------|--------------------------|-----------------|---------------------------------|---------------------|
| S. No.         | Name of Equipment / Item | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) | Project Number/Code |
|                |                          |                 |                                 |                     |
|                |                          |                 |                                 |                     |

**Table 3:** Equipment for procurement during the FY 2025-26 and Next 3-5 years under **Externally Funded Projects (EFP):**

| Externally Funded Projects (EPF) |                          |                 |                                 |                |
|----------------------------------|--------------------------|-----------------|---------------------------------|----------------|
| S. No.                           | Name of Equipment / Item | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) | Project Number |
|                                  |                          |                 |                                 |                |
|                                  |                          |                 |                                 |                |

**Note:**

- The above procurement plan is dynamic and could be revised as often as may be necessary with the approval of competent authority.
- The procurement is subject to the funds availability/release of sufficient grant from CSIR / or funding agency.
- The costs indicated as above are approximate/estimate cost only.

Updated on-----

**[Name of the Laboratory/Instt/Unit]**

**Procurement Plan**

**[Financial Year 2025-26]**

**[B] Consumables:**

The following categories of consumables are likely to be procured during the FY 2025-26.

**Table 3:** Consumables likely to be procured during **Financial Year 2025-26** (Annual):

| S. No. | Category                                                                                                                                                    | Expected Procurement Value (Rs. In Lakhs) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 1      | Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.) | 2.48                                      |

|    |                                                                                                                                                                                                                                                                                                                                                   |     |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 2  | 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.) | -   |
| 3  | Glass wares (ex- name the different glass wares)                                                                                                                                                                                                                                                                                                  | -   |
| 4  | Plastic wares (ex- Name the different plastic wares)                                                                                                                                                                                                                                                                                              | -   |
| 5  | Cartridges, Batteries, etc.                                                                                                                                                                                                                                                                                                                       | -   |
| 6  | Gases (ex- tentative names)                                                                                                                                                                                                                                                                                                                       | 0.3 |
| 8  | Maintenance/AMC/repairing of existing equipment                                                                                                                                                                                                                                                                                                   | -   |
| 9  | Stationary items (ex- name a few)                                                                                                                                                                                                                                                                                                                 | -   |
| 10 | IT / software-related Items (Name the items required during year)                                                                                                                                                                                                                                                                                 | -   |
| 11 | Furniture (Name the items required during year)                                                                                                                                                                                                                                                                                                   | -   |
| 13 | Electric Items (Name the items required during year)                                                                                                                                                                                                                                                                                              | -   |

**Note:**

- The above procurement plan is dynamic and could be revised as often as may be necessary with the approval of competent authority.
- The procurement of the chemicals & consumables would be based on the need and time to time requirement of the R&D activities of CSIR-.....
- The procurement is subject to the funds availability/release of sufficient grant from CSIR / or funding agency.
- The indicated procurement value is an estimate only.



Kindly float below procurement plan for mobile desalination van project for Kerala Water Authority in the website

**Project Title: “Turnkey project on design, development, fabrication, testing, and commissioning of a mobile water purification and desalination van (03 nos.)” for Kerala Water Authority: Jalabhavan, Thiruvananthapuram-695033, Kerala.**

PI: Dr Sanjay D. Patil (MSST Division)

| Non- Consumable Items Below 5 Lakh |                                                   |                 |                      |                                 |                                 |
|------------------------------------|---------------------------------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| S. No                              | No. Name of Equipment/ Item                       | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. in Lakhs) | Tentative period of Procurement |
| 1                                  | Mobile desalination van (including insurance)     | 3               |                      | Rs.35,00,000/-                  | 2025-26                         |
| 2                                  | Booster & High-Pressure pump                      | Each 3 nos.     |                      | Rs.18,00,000/-                  | 2025-26                         |
| 3                                  | APP Danfoss                                       | 3 nos.          |                      | Rs.21,00,000/-                  | 2025-26                         |
| 4                                  | TDS & Conductivity meter                          | 3 nos.          |                      | Rs.3,00,000/-                   | 2025-26                         |
| 5.                                 | Fuel – Diesel, battery and miscellaneous Van work |                 |                      | Rs. 1,70,000/-                  | 2025-26                         |
| 6                                  | Posters and Banners                               |                 |                      | Rs.1,00,000/-                   | 2025-26                         |

**Rs. 21,03,100/van- = Rs. 63,09,300 (for 3 sanctioned) = Actual Rs. 79,00,000/-**

| Consumable Items Below 5 Lakh |                                                                                                             |                 |                      |                                 |                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| S. No                         | No. Name of Equipment/ Item                                                                                 | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. In Lakhs) | Tentative period of Procurement |
| 1                             | Disk Filters & Cartridge Filters Housing                                                                    | 6 nos.          |                      | Rs.1,30,000/-                   | 2025-26                         |
| 2                             | Pressure Vessel                                                                                             | 6 nos.          |                      | Rs.3,30,000/-                   | 2025-26                         |
| 3                             | Membranes Modules 8040 (BWRO &SWRO)                                                                         | 12 nos.         |                      | Rs.6,00,000/-                   | 2025-26                         |
| 4                             | Hollo Fibre Ultrafiltration Module HFU 1020N                                                                | 3 nos.          |                      | Rs.6,00,000/-                   | 2025-26                         |
| 5                             | Cartridge/Carbon Filters Elements                                                                           | 150 nos.        |                      | Rs.1,10,000/-                   | 2025-26                         |
| 6                             | Fabrication/Customization of Mobile Desalination & Purification Van as per attached specifications.         | 3 nos.          |                      | Rs.80,00,000/-                  | 2025-26                         |
| 4                             | Chemicals, Miscellaneous fittings for RO Plant System like Hose pipe, PVC fittings, adhesive solutions etc. | -               |                      | Rs.5,00,000/-                   | 2025-26                         |

**Rs.15,94,915/- = Rs. 47,84,745 (for 3 sanctioned)**

## Annual Procurement Plan-2025-26 (CSIR-Centrally Funded Projects)

### (Capital Budget Head)

|                                                                                           |                                 |
|-------------------------------------------------------------------------------------------|---------------------------------|
| <b>Name of Project Investigator:</b><br><b>Dr. Bhoomi Andharia &amp; Dr. Arvind Kumar</b> | <b>Project Number: TSP 1454</b> |
|-------------------------------------------------------------------------------------------|---------------------------------|

| Non- Consumable Items (Add row if required) |                         |                 |                      |                                 |                                 |
|---------------------------------------------|-------------------------|-----------------|----------------------|---------------------------------|---------------------------------|
| Sr. No.                                     | Name of Equipment/ Item | Quantity (Nos.) | Imported/ Indigenous | Approximate Cost (Rs. in Lakhs) | Tentative period of Procurement |
| 1                                           | Printer/Colour Printer  | 1               | Indigenous           | 0.20                            | 1 Year                          |

### (Consumable Budget Head)

| Consumable Items (Add category and row if required) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Sr. No.                                             | Name of Equipment/ Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Approximate Cost (Rs. in Lakhs) |
| 1                                                   | Repair & Job work<br>Maintenance of existing bunds, side slope of bunds/repairing of existing sustainable concrete ponds/ repairing of existing sustainable concrete lining/ repairing of soil compacted bed/ repairing of existing pitching work /AMC/repairing of existing equipment/ Repair & Job work Repairing of analytical instruments and others mechanical/electrical devices/winding of motors/services of semi-mechanized equipment/vehicles/mobile van /Civil Maintenance Activities/ Bund construction or Repairing/ Rewinding of Pump/Calibration of Equipment/ JCB Hiring/ Tractor Hiring/ Gardening/Halophyte Plantation/ Hiring RMC Truck for concrete etc. | 0.04                            |
| 2                                                   | Construction materials such as Fly ash, GGBS, Bed ash/Bottom ash, cement, fine aggregate (river sand, pano sand), coarse aggregate (kapchi, grit), bricks, hand gloves, tagara, pavda, water tubes, sieves, buckets, Dredge Marine sand and other miscellaneous materials                                                                                                                                                                                                                                                                                                                                                                                                    | 0.025                           |
| 3                                                   | Civil Miscellaneous Items (Shovel, hammer, Tagara, Pavada, Cement, White cement, Concrete, Sand, Fly ash, Core Cutter, Mouram, Stone, Greet, Aggregate, Admixture, Bitumen, other construction related chemicals, precast curb, paver block, Brick, Fly ash Brick, MS or Wooden or FRP or Aluminium Door and windows, Scaffolding and other building and salt farm related items                                                                                                                                                                                                                                                                                             | 0.025                           |
| 4                                                   | Other miscellaneous items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.010                           |

**(External Payment Budget Head)**

| <b>External Payment / Services / utilities (Add category and row if required)</b> |                                         |                                        |
|-----------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| <b>Sr. No.</b>                                                                    | <b>Name of Equipment/ Item</b>          | <b>Approximate Cost (Rs. in Lakhs)</b> |
| 1                                                                                 | External Payment / Services / utilities | 0.20                                   |

Signature of project Investigator

# Annual Procurement Plan-2025-26 (CSIR-Centrally Funded Projects)

## (Capital Budget Head)

|                                                                                 |                                 |
|---------------------------------------------------------------------------------|---------------------------------|
| <b>Name of Project Investigator: Dr. Bhoomi Andharia &amp; Dr. Arvind Kumar</b> | <b>Project Number: TSP 1451</b> |
|---------------------------------------------------------------------------------|---------------------------------|

## (Consumable Budget Head)

| <b>Consumable Items (Add category and row if required)</b> |                                                |                                        |
|------------------------------------------------------------|------------------------------------------------|----------------------------------------|
| <b>Sr. No.</b>                                             | <b>Name of Equipment/ Item</b>                 | <b>Approximate Cost (Rs. in Lakhs)</b> |
| 1                                                          | Equipment oil/ machine grade oil / Vehicle Oil | 0.015                                  |

## (External Payment Budget Head)

| <b>Service for External Payment (Add category and row if required)</b> |                                                                                                                                                          |                                        |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Sr. No.</b>                                                         | <b>Name of Equipment/ Item</b>                                                                                                                           | <b>Approximate Cost (Rs. in Lakhs)</b> |
| 1                                                                      | Geophysical resistivity survey                                                                                                                           | 0.25                                   |
| 2                                                                      | Hydro-geological survey,                                                                                                                                 | 0.25                                   |
| 3                                                                      | Site Survey for higher TDS aquifer in coastal region                                                                                                     | 0.25                                   |
| 4                                                                      | Honorarium for the expert from Outside Institute/Industry expert/<br>Registration fees/ printing/zerox charges for report/ posters /banner /<br>drawings | 0.06                                   |

## (Boat/Tempo Hiring Charges)

| <b>Boat/Tempo Hiring (Add category and row if required)</b> |                                  |                                        |
|-------------------------------------------------------------|----------------------------------|----------------------------------------|
| <b>Sr. No.</b>                                              | <b>Name of Equipment/ Item</b>   | <b>Approximate Cost (Rs. in Lakhs)</b> |
| 1                                                           | Providing tempo service for days | 0.035                                  |

Signature of project Investigator

**CSIR-Central Salt and Marine Chemicals Research Institute  
(Research Planning Cell)  
Annual Procurement Plan-2025-26  
(Capital Budget Head)**

|                                          |                                                |
|------------------------------------------|------------------------------------------------|
| <b>Name of the Discipline:<br/>MEMED</b> | <b>Name of Divisional Chair: Dr. B Ganguly</b> |
| <b>Project Number:<br/>GAP2194</b>       | <b>GAP</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                                        | Electrochemical Workstation & Accessories | 01                     | Indigenous                  | 10.00                                  | 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                                        | High pressure pump             | 1                      | Indigenous                  | 3.00                                   | 2025-2026                              |
| 2                                        | Stirrers                       | 2                      | Indigenous                  | 1.00                                   | 2025-2026                              |

|   |                          |   |            |      |           |
|---|--------------------------|---|------------|------|-----------|
| 3 | UV handheld Gun/lamp     | 1 | Indigenous | 0.30 | 2025-2026 |
| 4 | Vacuum oven/furnace      | 1 | Indigenous | 1.00 | 2025-2026 |
| 5 | Peristaltic Pumps        | 4 | Indigenous | 2.0  | 2025-2026 |
| 6 | Diaphragm pump           | 5 | Indigenous | 0.25 | 2025-2026 |
| 7 | Computer and accessories | 1 | Indigenous | 2.00 | 2025-2026 |
| 8 | Refrigerator             | 1 | Indigenous | 1.50 | 2025-2026 |

(Add Row if needed)

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

**Annual Procurement Plan-2025-26**

**(Consumable Budget Head)**

|                                          |                                                |
|------------------------------------------|------------------------------------------------|
| <b>Name of the Discipline:<br/>MEMED</b> | <b>Name of Divisional Chair: Dr. B Ganguly</b> |
| <b>Project Number:<br/>GAP2194</b>       | <b>GAP</b>                                     |

| <b>Sr. No.</b> | <b>Name of Equipment/ Item</b>  | <b>Approximate Cost (Rs. in Lakhs)</b> |
|----------------|---------------------------------|----------------------------------------|
| 1              | Chemicals                       | 5.0                                    |
| 2              | Glassware                       | 1.0                                    |
| 3              | Plastic ware                    | 0.8                                    |
| 4              | R & D Equipment's               | 0.0                                    |
| 5              | Works & Services                | 0.0                                    |
| 6              | Repair & Job work               | 0.2                                    |
| 7              | Cartridge                       | 0.0                                    |
| 8              | Gas Cylinders                   | 0.0                                    |
| 9              | Software                        | 0.0                                    |
| 10             | Electrical and Electronic items | 0.0                                    |
| 11             | Stationery                      | 0.8                                    |
| 12             | Annual maintenance contract     | 0.0                                    |
| 13             | IT related consumables          | 0.0                                    |
| 14             | UPS batteries                   | 1.0                                    |

| <b>CSIR-CSMCRI</b>                               |                                              |                        |                             |                                        |                                        |
|--------------------------------------------------|----------------------------------------------|------------------------|-----------------------------|----------------------------------------|----------------------------------------|
| <b>Procurement Plan 2025-26</b>                  |                                              |                        |                             |                                        |                                        |
| <b>Externally Funded New Projects (GAP-2195)</b> |                                              |                        |                             |                                        |                                        |
| <b>PI: Dr. S. Halder</b>                         |                                              |                        |                             |                                        |                                        |
| <b>Consumable Items</b>                          |                                              |                        |                             |                                        |                                        |
| <b>S. No</b>                                     | <b>No. 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.                                               | Chemicals,                                   | 30                     | As per availability         | 2.5                                    | 2025-26                                |
| 2.                                               | standards and solvents                       | 50                     | As per availability         | 0.5                                    | 2025-26                                |
| 3.                                               | Glassware                                    | 200                    | As per availability         | 1.5                                    | 2025-26                                |
| 4.                                               | Plastic ware                                 | 450                    | As per availability         | 1.5                                    | 2025-26                                |
| 5.                                               | Works & Services                             | 5                      | As per availability         | 2.0                                    | 2025-26                                |
| 6.                                               | Repair & Job work                            | 5                      | As per availability         | 1.0                                    | 2025-26                                |
| 7.                                               | Cartridge                                    | 5                      | As per availability         | 0                                      | 2025-26                                |
| 8.                                               | Software                                     | 2                      | As per availability         | 0                                      | 2025-26                                |
| 9.                                               | Electrical and Electronic items              | 5                      | As per availability         | 0                                      | 2025-26                                |
| 10.                                              | UPS batteries                                | 10                     | As per availability         | 0                                      | 2025-26                                |
| 11.                                              | IT related consumables hard drives, RAM etc. | 5                      | As per availability         | 0.5                                    | 2025-26                                |
| 12.                                              | Annual maintenance contract                  | 2                      | As per availability         | 1.5                                    | 2025-26                                |
| 13.                                              | Other miscellaneous items                    | 10                     | As per availability         | 1.5                                    | 2025-26                                |