

Equipment Approval List for CSIR-AMPRI for 2025-26

S.No.	Name of Equipment	Total Amount
1.	(a) FT-IR Spectrometer	50 Lakh
	(b) X-ray Photoelectron Spectrometer (XPS)	8.5 Crores
2.	(a) COMSOL Multiphysics Software License	34 Lakh
	(b) High-End GPU-based Server	165 Lakh
3.	(a) Multichannel Electrochemical workstation	43.5 Lakh
	(b) Power supplier	12 Lakh
4.	(a) Inductively Coupled Plasma-optical Emission Spectroscopy (ICP-OES) along with Microwave Digester	90 Lakh
	(b) Thermal Evaporation System	25 Lakh
5.	(a) ED-XRF Spectrometer	120 Lakh
	(b) Design, Manufacturing, Supply Installation & Commissioning of Ready Mix Geopolymer Concrete Plant (RMC)	60 lakh
6.	(a) Hardens testing facilities (Micro and Macro)	0.885
	(b) High-temperature tribology facility (pin-on/ball-on disc)	1.605 Crores
7.	(a) High Content Screening Analyzer	3.54 crores
	(b) 3D Bioprinter	1.25 crores
8.	(a) Impedance tube (Transmission Loss, sound absorption, and reflection coefficient measurement) laptop, software, microphone, calibrator, other accessories, etc.	1 crore
	(b) Building acoustics system with laptop, software, microphone, calibrator, other accessories, etc.	50 Lakh
9.	1. UPGRADATION OF EXISTING FACILITIES	
	(a) Upgradation of existing websites of AMPRI as per GIGW 3.0 with STQ Certification	0.3 crores
	(b) Intranet web portals for digitization (Dispensary, guest house, intranet, centralized testing facilities, etc.)	0.1 crores
	(c) Upgradation of Server room, Sharanjamshala, LAN infra, etc.	0.2 crores
	2. FACILITIES FOR FIVE STAR GRIHA RATED NEW BUILDING AT AMPRI	
	a) LAN Infrastructure	0.7 crores
	b) IP-Digital PBX for intercom services	0.32 crores
	c) Meeting and VC facility for Director's Office	0.4 crores
	d) Audio Visual facility for Conference & Meeting Hall (2 No's)	2.35 crores
	e) Establishment of Data Center (High-performance Server 2 Nos, Intelligent racks-2 Nos., etc.)	2.0 crores

	f) Portable public address system and display unit at reception	0.155 crores
	g) PC for Digital Library and Signage display	0.15 crores
10.	Rotary Evaporator	5 Lakh
	Vacuum Pump	2.50 Lakh
	Chiller	1.50 Lakh
	Single Channel Potentiostat/Galvanostat /EIS Analyser Compliance Voltage: $\pm 48V$ Applied Voltage Range: $\pm 10V$ Applied Voltage Resolution: $305nV$ Current Compliance: $\pm 4A$ Min. Current Range: $\pm 40pA$ Current Resolution: $1.2 fA$ EIS Measurement Frequency Range: $10\mu Hz$ to $10MHz$	40.28 Lakh

Note:

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