

Resource Requirements



Project: National Currency Printing and Secure Banknote Production Facility Project (NCPBF)

SN	Resource Category	Resource Type	Description	Assigned WBS Area	Estimated Quantity	Unit of Measure	Responsible Department	Availability Period	Remarks
1	Human Resource	Project Manager	Responsible for overall project planning, coordination, and execution oversight	1.1 Governance & Project Management	1	Person	PMO	Month 0 – Month 60	Full-time assignment
2	Human Resource	Civil Engineers	Engineers responsible for facility construction, structural design validation, and construction supervision	1.2 Facility Construction	6	Persons	Engineering Department	Month 6 – Month 30	Includes structural engineers
3	Human Resource	Security Engineers	Experts responsible for designing and implementing secure zones, vaults, and physical security systems	1.5 Physical Security Systems	4	Persons	Security Department	Month 12 – Month 42	Security clearance required
4	Human Resource	IT & Cybersecurity Specialists	Responsible for deploying IT infrastructure, cybersecurity architecture, and network segmentation	1.4 IT & Cybersecurity	5	Persons	IT Department	Month 24 – Month 48	Includes SOC engineers
5	Human Resource	Quality Assurance Inspectors	Personnel responsible for construction inspections, quality validation, and compliance verification	1.6 Testing & Commissioning	4	Persons	Quality Management Unit	Month 12 – Month 54	Independent QA authority
6	Equipment	Earthmoving Equipment	Excavators, bulldozers, graders, and loaders used for site preparation and earthworks	1.2 Facility Construction	8	Units	Construction Contractor	Month 6 – Month 12	Includes backup equipment
7	Equipment	Printing Press Machinery	High-security banknote printing presses including offset printing and intaglio systems	1.3 Printing Machinery	4	Units	Production Engineering	Month 24 – Month 42	Specialized currency printing equipment
8	Equipment	Surveillance Systems	CCTV cameras, monitoring servers, and recording equipment used for facility surveillance	1.5 Physical Security Systems	120	Units	Security Department	Month 30 – Month 42	Includes control room infrastructure
9	Equipment	Biometric Access Devices	Biometric scanners used for high-security access control in restricted areas	1.5 Physical Security Systems	40	Units	Security Department	Month 30 – Month 42	Includes vault access control

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Notes for Documentation

The Resource Requirements Register identifies all human resources, equipment, materials, and technological resources necessary for the successful implementation of the NCPBF project. These resources support project activities across governance, construction, machinery installation, IT systems deployment, security infrastructure implementation, testing, and operational readiness phases.

Resource allocation will be monitored throughout the project lifecycle to ensure adequate capacity and availability during each phase. The Project Manager and PMO will coordinate resource planning with relevant departments and contractors to ensure that resources are mobilized according to the approved project schedule and cost baseline.