

PROJECT ROADMAP

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



Project Title:

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

Project Sponsor:

Central Bank

Prepared by: PMIC of Lazuli Pamir Consulting – for learning purpose only

Detailed Project Roadmap – Tabular Format:

Phase	Timeline	Objectives	Key Activities	Key Deliverables	Milestone
Phase 1: Project Authorization and Mobilization	Month 0	<ul style="list-style-type: none"> Formally authorize the project Establish governance and leadership 	<ul style="list-style-type: none"> Approve Project Charter Appoint Project Sponsor and Project Manager Establish Steering Committee Activate PMO oversight 	<ul style="list-style-type: none"> Approved Project Charter Governance structure in place 	Project Charter Approval
Phase 2: Planning and Baseline Development	Months 1-6	<ul style="list-style-type: none"> Translate Charter objectives into controlled plans 	<ul style="list-style-type: none"> Develop integrated Project Management Plan Establish scope, schedule, and cost baselines Develop risk, security, quality, and procurement plans Confirm change control thresholds 	<ul style="list-style-type: none"> Approved Project Management Plan Approved project baselines 	Facility Design Approval
Phase 3: Secure Facility Design	Months 6-12	<ul style="list-style-type: none"> Design a secure and compliant banknote production facility 	<ul style="list-style-type: none"> Architectural and engineering design Security zoning and restricted areas design Vault and redundancy systems design Compliance and security approvals 	<ul style="list-style-type: none"> Approved facility design packages Security compliance approvals 	Design Approval
Phase 4: Secure Facility Construction	Months 12-30	<ul style="list-style-type: none"> Construct the secure physical infrastructure 	<ul style="list-style-type: none"> Construction of secure facility Installation of vaults and restricted zones 	<ul style="list-style-type: none"> Fully constructed secure facility 	Construction Completion

Phase	Timeline	Objectives	Key Activities	Key Deliverables	Milestone
			<ul style="list-style-type: none"> Utilities, power redundancy, and safety systems Quality inspections and audits 		
Phase 5: Machinery Procurement and Installation	Months 24–42	<ul style="list-style-type: none"> Establish core banknote production capability 	<ul style="list-style-type: none"> Procurement of printing and finishing machinery Factory Acceptance Testing On-site installation and calibration Initial operator training 	<ul style="list-style-type: none"> Installed and operational machinery 	Machinery Installation Complete
Phase 6: Systems Integration and Testing	Months 42–48	<ul style="list-style-type: none"> Validate integrated operation of all systems 	<ul style="list-style-type: none"> Deployment of IT and production tracking systems Access control and cybersecurity implementation Integrated system testing 	<ul style="list-style-type: none"> Fully integrated and tested systems 	System Integration Testing Complete
Phase 7: Trial Production and Capacity Building	Months 48–54	<ul style="list-style-type: none"> Demonstrate local production capability Build internal operational capacity 	<ul style="list-style-type: none"> Trial banknote printing Quality verification and approvals Staff training and certification 	<ul style="list-style-type: none"> Approved locally printed banknotes Trained and certified operational staff 	Trial Banknote Printing
Phase 8: Operational Handover and Project Closure	Months 54–60	<ul style="list-style-type: none"> Transfer full operational ownership Close the project formally 	<ul style="list-style-type: none"> Final acceptance and certification Handover to Central Bank operations Lessons learned documentation Financial and administrative closure 	<ul style="list-style-type: none"> Operational readiness certification Project closure report 	Final Handover and Project Closure

PROJECT ROADMAP:

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

1. Roadmap Purpose

This Project Roadmap provides a high-level, time-phased view of how the National Currency Printing and Secure Banknote Production Facility Project will be executed from authorization to final handover, in alignment with the approved Project Charter, governance structure, scope, milestones, and success criteria.

2. Roadmap Overview (Lifecycle Phases)

The project will be executed through the following eight sequential phases:

1. Project Authorization and Mobilization
2. Planning and Baseline Development
3. Secure Facility Design
4. Secure Facility Construction
5. Machinery Procurement and Installation
6. Systems Integration and Testing
7. Trial Production and Capacity Building
8. Operational Handover and Project Closure

3. Detailed Project Roadmap

Phase 1: Project Authorization and Mobilization:

Timeline: Month 0

Objectives

- Formally authorize the project
- Establish governance and leadership

Key Activities

- Approve Project Charter
- Appoint Project Sponsor and Project Manager
- Establish Steering Committee
- Activate PMO oversight

Key Deliverables

- Approved Project Charter
- Governance structure in place

Milestone

- Project Charter Approval

Phase 2: Planning and Baseline Development:

Timeline: Months 1–6

Objectives

- Translate Charter objectives into controlled plans

Key Activities

- Develop integrated Project Management Plan
- Establish scope, schedule, and cost baselines
- Develop risk, security, quality, and procurement plans
- Confirm change control thresholds

Key Deliverables

- Approved Project Management Plan
- Approved project baselines

Milestone

- Facility Design Approval

Phase 3: Secure Facility Design:

Timeline: Months 6–12

Objectives

- Design a secure and compliant banknote production facility

Key Activities

- Architectural and engineering design
- Security zoning and restricted areas design
- Vault and redundancy systems design
- Compliance and security approvals

Key Deliverables

- Approved facility design packages
- Security compliance approvals

Phase 4: Secure Facility Construction:

Timeline: Months 12–30

Objectives

- Construct the secure physical infrastructure

Key Activities

- Construction of secure facility
- Installation of vaults and restricted zones
- Utilities, power redundancy, and safety systems
- Quality inspections and audits

Key Deliverables

- Fully constructed secure facility

Milestone

- Construction Completion

Phase 5: Machinery Procurement and Installation:

Timeline: Months 24–42

Objectives

- Establish core banknote production capability

Key Activities

- Procurement of printing and finishing machinery

- Factory Acceptance Testing
- On-site installation and calibration
- Initial operator training

Key Deliverables

- Installed and operational machinery

Milestone

- Machinery Installation Complete

Phase 6: Systems Integration and Testing:

Timeline: Months 42–48

Objectives

- Validate integrated operation of all systems

Key Activities

- Deployment of IT and production tracking systems
- Access control and cybersecurity implementation
- Integrated system testing

Key Deliverables

- Fully integrated and tested systems

Milestone

- System Integration Testing Complete

Phase 7: Trial Production and Capacity Building:

Timeline: Months 48–54

Objectives

- Demonstrate local production capability
- Build internal operational capacity

Key Activities

- Trial banknote printing
- Quality verification and approvals

- Staff training and certification

Key Deliverables

- Approved locally printed banknotes
- Trained and certified operational staff

Milestone

- Trial Banknote Printing

Phase 8: Operational Handover and Project Closure:

Timeline: Months 54–60

Objectives

- Transfer full operational ownership
- Close the project formally

Key Activities

- Final acceptance and certification
- Handover to Central Bank operations
- Lessons learned documentation
- Financial and administrative closure

Key Deliverables

- Operational readiness certification
- Project closure report

Milestone

- Final Handover and Project Closure

4. Roadmap Governance:

- All phase transitions require Steering Committee approval
- PMO provides assurance and reporting throughout all phases
- Project Manager is accountable for delivery within approved baselines

5. Roadmap Completion Criteria:

The roadmap is considered complete when:

- All milestones are achieved
- The facility is operational and secure
- Banknotes are produced locally and approved
- Operations are formally handed over