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# WORK BREAKDOWN STRUCTURE (WBS)

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

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**PMIC**  
Project Management Initiatives Center  
**Initiated By Lazuli Pamir**  
Consulting Engineering Services Co  
PMI Authorized Training Partner (ATP)  
in Afghanistan

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**Project Title:**

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

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**Project Sponsor:**

Central Bank

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

## WORK BREAKDOWN STRUCTURE (WBS)

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

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

##### 1.1 Governance and Project Management:

WBS ID	Level	Description
1.1	Control Account	Governance and Project Management
1.1.1	Work Package	Project Charter Finalization and Approval
1.1.2	Work Package	Governance Framework Implementation
1.1.3	Work Package	Integrated Schedule Development
1.1.4	Work Package	Cost Baseline Development
1.1.5	Work Package	Risk, Issue & Change Control Management

WBS ID	Level	Description
1.1.6	Work Package	Stage-Gate Reviews and Approvals
1.1.7	Work Package	Security Governance Oversight
1.1.8	Work Package	Benefits Tracking Mechanisms
1.1.9	Work Package	Configuration & Document Control

## 1.2 Facility Design and Construction:

WBS ID	Level	Description
1.2	Control Account	Facility Design and Construction
1.2.1	Work Package	Secure Site Preparation
1.2.2	Work Package	Architectural & Engineering Design
1.2.3	Work Package	Physical Security Perimeter Construction
1.2.4	Work Package	Structural Construction of Production Facility

WBS ID	Level	Description
1.2.5	Work Package	Controlled Access Zone Construction
1.2.6	Work Package	Vault & Secure Storage Construction
1.2.7	Work Package	Environmental Control Systems Installation
1.2.8	Work Package	Utilities & Backup Systems Installation
1.2.9	Work Package	HSE Compliance Implementation

### 1.3 Printing Machinery Procurement and Installation:

WBS ID	Level	Description
1.3	Control Account	Printing Machinery & Equipment
1.3.1	Work Package	Procurement of Printing Presses
1.3.2	Work Package	Procurement of Finishing & Inspection Equipment
1.3.3	Work Package	Secure Logistics & Delivery

WBS ID	Level	Description
1.3.4	Work Package	Machinery Installation & Mechanical Alignment
1.3.5	Work Package	System Integration with Facility Infrastructure
1.3.6	Work Package	Vendor-Supervised Configuration
1.3.7	Work Package	Calibration & Technical Validation

#### 1.4 IT Systems and Cybersecurity Infrastructure:

WBS ID	Level	Description
1.4	Control Account	IT & Cybersecurity Systems
1.4.1	Work Package	Production Management System Implementation
1.4.2	Work Package	Inventory Tracking System Deployment
1.4.3	Work Package	Role-Based Access Control System
1.4.4	Work Package	Surveillance & Monitoring Platform Integration

WBS ID	Level	Description
1.4.5	Work Package	Cybersecurity Architecture Deployment
1.4.6	Work Package	Network Segmentation & Security Controls
1.4.7	Work Package	Data Protection & Backup Systems
1.4.8	Work Package	Penetration Testing & Vulnerability Assessment

### 1.5 Physical Security Systems:

WBS ID	Level	Description
1.5	Control Account	Physical Security Systems
1.5.1	Work Package	Multi-Layer Access Control Installation
1.5.2	Work Package	Biometric System Deployment
1.5.3	Work Package	CCTV & Surveillance Installation
1.5.4	Work Package	Alarm & Intrusion Detection Systems

WBS ID	Level	Description
1.5.5	Work Package	Visitor Management System
1.5.6	Work Package	Secure Materials Handling Controls

### 1.6 Testing and Commissioning:

WBS ID	Level	Description
1.6	Control Account	Testing & Commissioning
1.6.1	Work Package	Factory Acceptance Testing (FAT)
1.6.2	Work Package	Site Acceptance Testing (SAT)
1.6.3	Work Package	Integrated System Testing
1.6.4	Work Package	Trial Production Runs
1.6.5	Work Package	Quality Validation
1.6.6	Work Package	Security Validation



WBS ID	Level	Description
1.6.7	Work Package	Operational Readiness Verification
1.6.8	Work Package	Performance Benchmark Testing

### 1.7 Training and Capacity Building:

WBS ID	Level	Description
1.7	Control Account	Training & Capacity Development
1.7.1	Work Package	Machinery Operation Training
1.7.2	Work Package	Security Protocol Training
1.7.3	Work Package	Cybersecurity Awareness Training
1.7.4	Work Package	Maintenance Training
1.7.5	Work Package	Governance & Compliance Orientation
1.7.6	Work Package	Vendor Knowledge Transfer

WBS ID	Level	Description
1.7.7	Work Package	SOP Development & Documentation
1.7.8	Work Package	Competency Validation

### 1.8 Operational Readiness and Transition:

WBS ID	Level	Description
1.8	Control Account	Operational Readiness & Transition
1.8.1	Work Package	SOP Finalization & Approval
1.8.2	Work Package	Handover Documentation
1.8.3	Work Package	Asset Transfer Documentation
1.8.4	Work Package	Performance Baseline Establishment
1.8.5	Work Package	Formal Transition to Operations
1.8.6	Work Package	Benefits Ownership Transfer



WBS ID	Level	Description
1.8.7	Work Package	Project Closure & Governance Sign-Off

**Approval:**

Role	Name	Signature	Date
Project Sponsor	Mr. Ahmad Khan		
Project Manager	Mr. Reshtin, PMP®		
PMO Representative			