PROJECT CYCLE

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NEC -49
Projects Cycle

- Identification/Prioritization
- Preparation
- Appraisal
- Implementation
- Operation and Maintenance
Identification

• Social/Environmental infrastructure
  • Drain (Storm water/Combined/Sewarage)
  • Road, culvert, causeway
  • Pavement of open spaces
  • Municipal Building
  • Public toilet
  • Libraries
  • School building
  • Municipal Hospitals
  • Children Park etc
Identification

- Basic Urban infrastructure
  - Drinking Water supply
  - Solid waste management
  - Protection of Natural resources
  - Slaughter house
  - Community Building
  - Stadium
  - Museum etc
Identification

- Economic/Revenue generating
  - Bus/Truck Park and terminal
  - Cottage, Medium & Small industries
  - Tourism
  - Hat Bazaar/Market Centers
  - Land pooling
  - Shopping Complexes
  - Multi purpose Buildings etc
Prioritization

- Low investment cost
- Maximum use of existing technology
- High potential cost savings
- High improvement potential for process speed
- High improvement potential for defect reduction
- High customer satisfaction potential
- Minimum impact on other processes
- Ease of implementation
- High probability of quick result
Preparation

- Pre-feasibility study
  - Survey
  - Desk Report
- Feasibility Report
  - Technically
  - Financially
  - Environmentally
  - Safe Guard
Preparation

- Draft Detail Project Report
  - Technical Report
    - Design
    - Deetailling
  - Cost Estimate
- Tender document
- Final Detail Project Report (DPR)
  - Finalization of Draft DPR
Appraisal

- Technical Appraisal
- Review of Environmental
- Social safeguard measures
- Institutional Appraisal
- Beneficiaries
- Financial Appraisal
  - Viability
  - Eligibility
Implementation

- Procurement of
  - User’ committee
  - Contractor
- Supervision Consultant

The **Project** Manager is responsible for completion of the **Implementation Plan**, with input from project leads and the **Project** Client as necessary. The **Implementation Plan** is completed during the Design (**planning** of the document) and Develop (physically create the document) Phases of Solution Delivery Life Cycle.
Operation and Maintenance

Purpose: Conduct or ensure ongoing operations and maintenance (O&M), including repair and replacement (R&R)

Task:

- O&M Plan and Budget
- System performance
- Monitoring system
- O&M Contracts and agreements
- Warranties
- Production guarantees
- Buyout Options
Operation and Maintenance

Outputs:

- Ensure responsible party carries out O&M/R&R
- Measuring and tracking success
- Correlate with business plan and strategic energy plan
- Contract compliance
- Reporting of generation
- Met or exceeded energy and financial performance
Thank you