REPUBLIC OF KENYA

THE NATIONAL TREASURY
STATE DEPARTMENT FOR ECONOMI PLANNING

RESPONSE TO QUERRIES

SYSTEM DEVELOPMENT FOR END-TO- END ELECTRONIC PLANNING, MONITORING AND EVALUATION (E-NIMES/E-CIMES).

TENDER NUMBER: TNT/SDEP/RFP/002/2025-2026

Issue Date: 31ST MARCH 2026
Close Date: 15TH APRIL 2026

S/No	Query	Response
1.	Amount of Bid Security	No Amount, Bidders to fill the Tender securing declaration form.
2.	Clarification about Mandatory Requirement No.14	100M turnover can either be for the Joint venture or the only the prime bidder only.
3.	Typing Error on Page 16 Clause 6.2	The number of Joint venture members is Three (3)
4.	Post support of the system	36 months after commissioning of the new system.
5.	10.2 On Hardware	Hardware would be provided by the State Department for Economic Planning.
6.	10.1 The data center	Data center was clarified to be hosted by the Government of Kenya.
7.	Extension of Opening/ Closing Time	The Tender Closing Date/Opening remains the same ie **15TH APRIL 2026 at 10.00AM EAT**

ENIMES/CIMES DATA MIGRATION

Overall System Size & Structure

- **Estimated number of tables:** 100+
- **Architecture type:** Modular, multi-domain system
- **Database engine mix:** Primarily non-relational enforcement (limited constraints)

Functional Modules

1. Project Management
2. Reporting & Data Tracking
3. Performance Management
4. Staff Appraisal System
5. Strategic Planning
6. Master Data (Reference Data)
7. Audit & System Logs

Relationships

- **One-to-Many**
  Example:
  - One project → multiple reports
- **Many-to-Many**
  Implemented via mapping tables:
  - Projects ↔ Locations
  - Projects ↔ Funding sources
  - Projects ↔ Agencies
- **Mapping (junction) tables:** ~20+
- **Hierarchical relationships:** Up to 4–5 levels deep
- **Implicit relationships:** Present (not enforced at DB level)

Data Structure Characteristics

Schema Pattern:

- Heavy use of:

    - Integer IDs
    - Text/VARCHAR fields
- Shared reference fields across modules (e.g. organizational and geographic references)
- Reusable identifiers across different contexts

Design Traits:

- Limited use of enforced foreign keys
- Logical relationships managed at application level
- Some fields reused across modules with different meanings

Historical & Temporal Data

The system maintains a significant amount of historical data, including:

- Time-based reporting datasets
- Audit and activity logs
- Multi-period records across fiscal cycles

Data Integrity Considerations

- Some relationships may require validation during migration
- Data consistency rules are partially enforced at application level
- Migration may require:
    - Data validation
    - Deduplication
    - Relationship reconstruction

Migration Complexity Drivers

1. High number of tables
2. Multiple many-to-many relationships
3. Hierarchical data structures
4. Workflow-based datasets
5. Historical data volume
6. Implicit (non-enforced) relationships

Data Volume & Growth Estimation

Overall Data Footprint

- **Database dump size:** ~70 MB
- **Estimated logical data size :** Medium-scale enterprise dataset
- **Data types present:**
    - Transactional records
    - Historical logs
    - Reference/master data
    - Time-series reporting data

Data Volume by Functional Area

Record Volume Estimates

Data Category	Estimated Record Count
Audit / Activity Logs	100,000 – 200,0000
Reporting Records	<50,000
Project Records	1,000 – 10,000
Performance Indicators	< 50,000
Appraisal Records	<50,000
Master Data Tables	< 10,000

Data Density & Complexity

Wide Tables

- Many tables contain:
  - Multiple text fields
  - Descriptive attributes
  - Narrative data (remarks, comments)

  Impact:
  - Larger row sizes
  - Higher migration payload per record

High Relationship Density

- Significant use of:
  - Mapping tables
  - Cross-references between modules

  Impact:
  - Migration requires careful join logic
  - Referential reconstruction effort

Historical Data Characteristics-

Data spans **multiple years of operation** e.g Historical reports, Workflow history,audit trails,Workflow history

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