Proposed Solutions & Methodology

As-is

To-be

As-is

To-be



Automate PR

- PR Grouping: Python is used to develop algorithms that analyze PR data and group similar items together.
- **Procurement Assignment:** Python is employed to automate the assignment of procurement officers to PRs. The system assigns PRs to officers based on their availability, optimizing resource allocation.

Automate RFQ

Automate the PR to RFQ: The Robotic Process Automation (RPA) bot reads PR data, prepares RFQ documents. Ensure seamless integration with existing SAP and GEP Smart, and ready to sends them to vendors.

Input **Approved** PR Automate PR Input **Assigned** PR Automate RFQ

Process Output **Assigned Assign Procurement Officer (Area Responsible Based)** PR **<**1> **<1> Check and group** Assign and allocate PR to manufacturers procurement officers. and materials considering pending items for each officer. **Identify urgency, suppliers** Retrieve the who have previously received procurement PO, and bidders who have officers' workload participated before. from SAP **Process** Output Direct Mat' (Q) Retrieve PR **Retrieve PR** Draft grouping list from **Create RFQ RFQ** from SAP Centralized form Stock Mat' **Retrieve PR** from SAP **Automate RFQ using RPA**