MANILA ELECTRIC COMPANY (MERALCO)
Ortigas Center, Brgy. Ugong, Pasig City

REQUEST FOR INFORMATION

(SCM RFI NO. IT0824-0241-1)

ASSET PERFORMANCE MANAGEMENT (APM) SYSTEM

As part of our digital transformation initiatives, MERALCO invites interested vendors to provide general information regarding the potential requirement for **Asset Performance Management (APM) System**. MERALCO seeks to scan for available technological solutions in the market that meet the required purpose, and to assess accessibility to vendors in case of a possible procurement.

MERALCO is exploring the market for APM solutions that will enable the organization to make more informed decisions on operational, maintenance, and investment matters. As an asset-intensive organization, MERALCO operations rely heavily on the high availability of its electric distribution assets, which include substation, distribution, and metering assets to provide continuous and uninterrupted service. The implementation objective is to reduce premature asset failures, maximize asset lifecycle benefits, and protect asset long-term value through optimization of its asset management strategies, balancing risks, performance, and cost.

DETAILS

APM is a platform for asset condition and risk calculation that will enable MERALCO to have a single and unified view and calculation of asset health, criticality, and risk. With its failure mode libraries and predictive analytics capability, insights generated are expected to go beyond improving asset maintenance and monitoring to improving other business strategies on safety, sustainability, work efficiency, investment allocations and spend prioritization across the organization.

The presented solution should have the following basic functionalities:

1. **Asset Condition and Health Performance Management**
   a. Calculation of health index and probability of failure per asset and component
   b. Comprehensive failure mode libraries and root cause analysis
2. **Asset Criticality and Risk Management**
   a. Calculation of criticality and risk per asset and component to financial, safety, environmental, network performance, and other consequence categories
3. **Predictive Asset Management**
   a. Calculation of estimated time to failure and failure probability trends with advanced analytical tools
4. **Asset Maintenance and Replacement Strategies Management**
   a. Optimization and prioritization of asset management strategies through balanced asset risk, performance, and costs
   b. Comparison of customizable projects and scenarios through calculation and prediction of different organization KPIs and asset indices before and after intervention
   c. Integration to work order management system for automatic and manual creation of work orders
   d. Comprehensive view of scheduled and recommended actions and strategies, whether maintenance or replacement, in a single dashboard
5. **Asset Monitoring, Alerts and Notifications**
   a. Comprehensive view of historical and real-time asset health, criticality, and risk using interactive and customizable dashboards
6. **Creation of customizable alerts for notification of asset-related events**

CALENDAR OF ACTIVITIES:

ACTIVITY	DATE	TIME
Submission of Letter of Intent	August 30 – September 6, 2024	Until 11:59 PM of September 6, 2024
Submission of Non-Disclosure Agreement	September 6 – September 13, 2024	Until 11:59 PM of September 13, 2024
Release of RFI documents to Vendors	September 27, 2024	Until 11:59 PM of September 27, 2024

Interested vendors are requested to submit the following:

- Manufacturer's Certificate of Distributorship (for Traders)
- Letter of intent to participate in information presentation

Supplemental Information:

- This RFI is non-binding and does not constitute a commitment to acquire vendor's products or services.
- Vendors shall shoulder all costs associated in the preparation of their responses (e.g., preparation of budgetary quotation, conduct of Proof of Concept/ Product Demo, among others).
- Responses received are to be used solely for informational and benchmarking purposes only.
- Documents or information provided with the responses shall become property of MERALCO.
- No bid fees are to be imposed in relation to this RFI.
- Non-Disclosure Agreement (NDA) is required prior the release of RFI document, and confidential data to the vendors.

MERALCO reserves the right to:

1. Issue an addendum to the RFI at any time as a result of questions, change in submission schedule, or other matters; and
2. To cancel or reissue the RFI on a reasonable basis.

Submitted Letter of Intent (LOI) should be in portable document format (PDF) with the required supporting document, send via email to Mark Limuel Patulot (*group.category.mgmt.ict@meralco.com.ph*) not later than **11:59PM, September 6, 2024**. For inquiries or clarifications prior to the submission deadline, respondents may communicate directly to the assigned buyer.

(sgd)
J. M. S. QUIMBA
AVP, Head Category Management for ICT and Head of
SCM Contracts Management

MERALCO employs strict cybersecurity controls. Kindly refer to the following link for the Vendor Cybersecurity Advisory: https://company.meralco.com.ph/news-and-advisories/supply-chain-management-invitations-bid