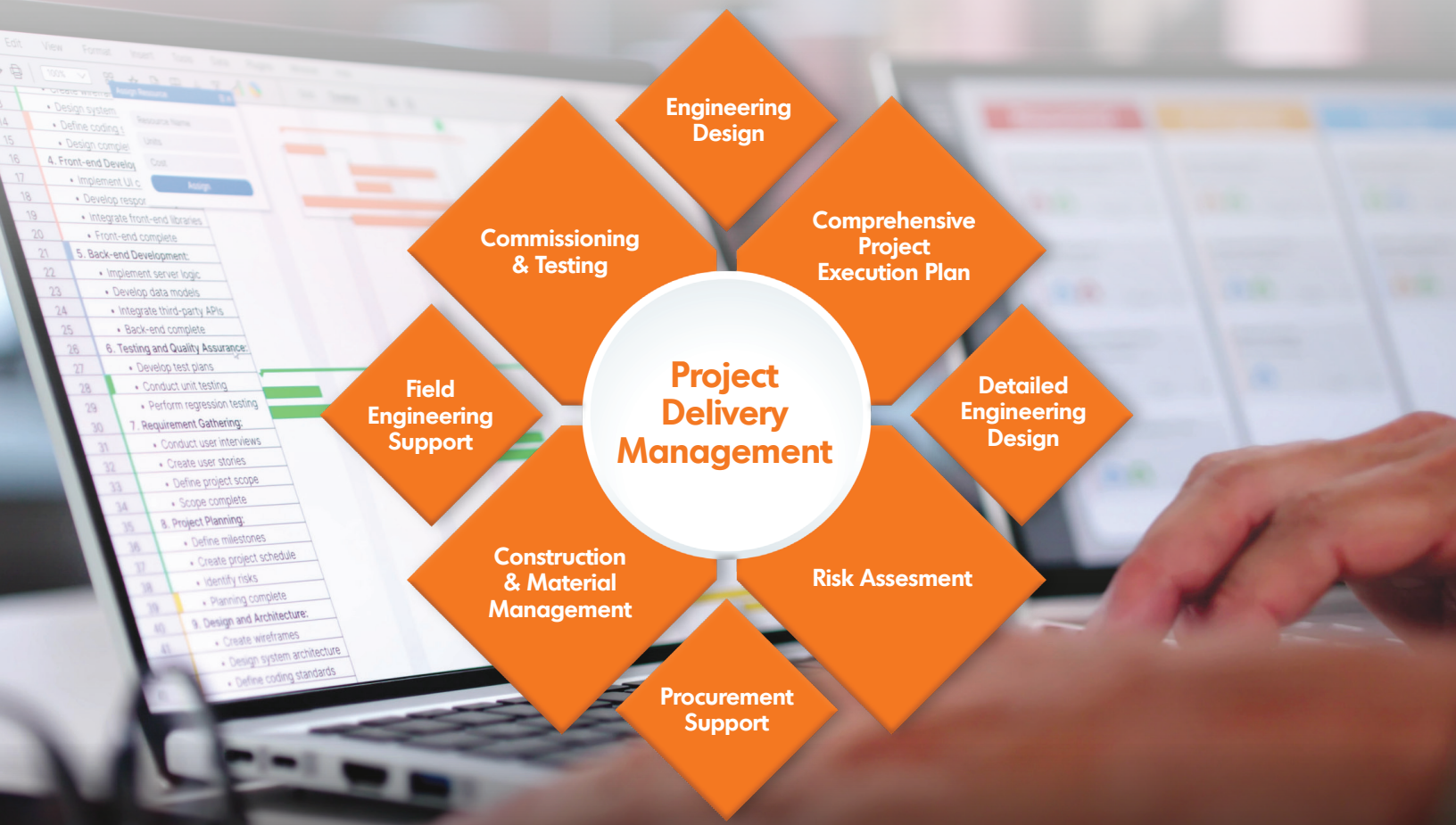
RMS ENERGY
NETA

PROJECT DELIVERY MANAGEMENT

At RMS Energy, we have a team of seasoned experts in engineering project delivery management, bringing deep experience to navigate common challenges that impact the planning, design, procurement, construction, commissioning and operational readiness of engineering projects. We prioritize on-time, on-budget project delivery through well-defined processes, robust risk management, and execution strategies such as EPC and Design-Build to meet stringent quality standards.



- PROJECT DEFINITION AND PRELIMINARY ENGINEERING
- OPERATIONAL READINESS SUPPORT
- DETAILED ENGINEERING AND PROCUREMENT
- CONSTRUCTION AND MATERIAL MANAGEMENT
- FIELD ENGINEERING SUPPORT, TESTING, AND COMMISSIONING
- HANDOVER & PROJECT CLOSEOUT

OUR SERVICES

TAILORED SOLUTIONS EMPOWERING SEAMLESS, EFFICIENT PROJECT DELIVERY SUCCESS

Project Delivery Management Challenges

PRELIMINARY ENGINEERING DESIGN CHALLENGES

- Unclear objectives and changing requirements
- Insufficient geotechnical, environmental, or survey data
- Misalignment between design disciplines and stakeholders
- Unknown and evolving grid interconnection requirements

DETAILED ENGINEERING DESIGN CHALLENGES

- Changes in scope, site conditions, or stakeholder input from preliminary phases
- Poor coordination between disciplines causing design conflicts
- Incomplete vendor or OEM data
- Procurement and constructability constraints
- No change management processes
- Poor model and drawing accuracy
- Client or stakeholder review delays

MAJOR EQUIPMENT PROCUREMENT CHALLENGES

- Long lead times
- Vendor data and drawing delays
- Standards adaptation and harmonization
- Factory acceptance testing logistics
- Late design inputs

RMS Energy Offerings

EFFECTIVE PRELIMINARY ENGINEERING DESIGN PROCESS

- Early evaluations of site conditions and constructability to identify key constraints and recommend effective mitigations or alternative approaches.
- Initiate early coordination with utility and local authorities to ensure compliance with all applicable requirements.
- Establish a Project Execution Plan (PEP) detailing org roles and responsibilities, communication protocols, baseline schedule, quality/HSE expectations, and procurement and subcontracting strategies.
- Identify and assess project risks through the development of risk registers, supported by defined mitigation strategies.

DETAILED IMPLEMENTATION ROADMAP

- Finalized detailed design engineering deliverables: construction ready drawings, complete electrical diagrams, protection schemes, civil/structural calculations, and control system architecture, and design verification reviews.
- Initiate Major Procurement: finalize vendor qualifications, develop bid packages, create material tracking systems, and establish quality control.
- Finalized PEP: schedules with critical path, risk management and contingency plans, communication matrices, site mobilization strategy, and commissioning methodologies.
- Issue for Construction: verify all engineering deliverables, confirm regulatory compliance, validate procurement, assess contractor readiness, reconcile budget before field expenditures.

WHY CHOOSE RMS ENERGY?


EXPERTISE


CUSTOMER FOCUS


INNOVATION


RELIABILITY


SAFETY

RMS ENERGY

Connect with us to learn more about how we can support your power system needs and help you achieve your energy goals.

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