

OPERATION AND MAINTENANCE SERVICES



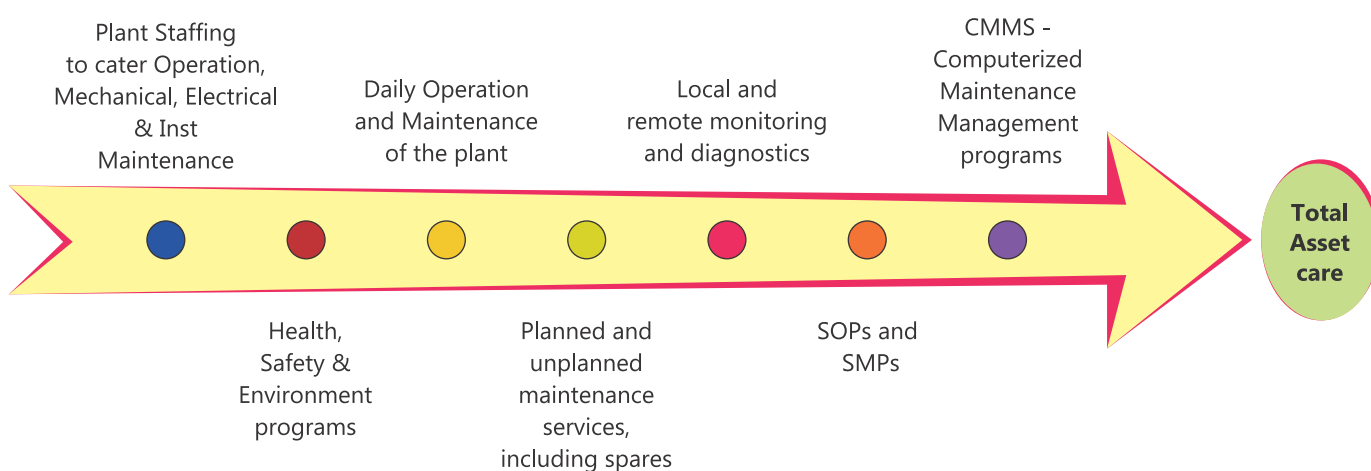
ENMAS
INDIA

ENMAS being "Integrated Asset Management Service Provider" in India and global market forayed into Providing O&M (Operation & Maintenance) and R&M (Renovation & Modernization) Services to various Industry segments like Oil & Gas, Petro Chemicals, Power, Steel & Cement Industries.

KEY SPECIALITIES

- Backed by technically and financially sound group in energy field, having experience of more than 25 years
- Over 2000 trained personnel on board on permanent basis providing Asset management service with emphasis on HSE
- Provide interface services during final stage of erection, Start up and commissioning
- A well experienced group of specialist staff will be placed in mechanical/ electrical/ instrumentation/ CFB/ AFBC commissioning, water treatment and material handling systems
- Complete mechanical, electrical & Instrumentation services from the group company
- Process and Procedure driven execution methodologies

O&M Functions



BUSINESS MODEL

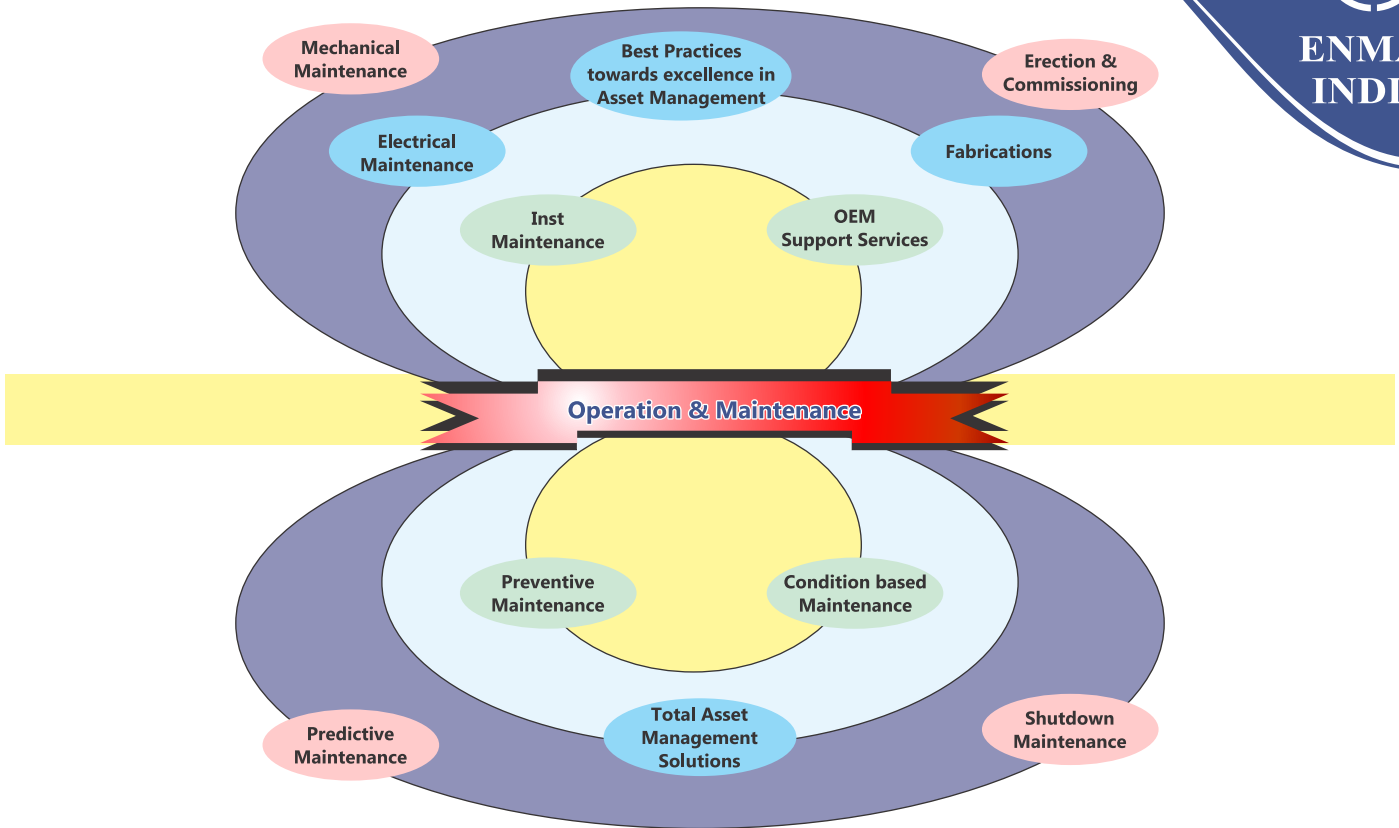
Performance Based (KPI driven)

- Health, Safety & Environment programs
- Responsibilities with Commitment - Production, Plant & Equipment Availability
- Maintenance services including spares
- Development & Implementation of Maintenance Strategy for optimized plant operation
- Stores & Inventory Control – Providing tangible cost benefits to client
- CMMS based performance reporting & Equipment Health Assessment
- Technical Support and Skill Development
- Staffing to cater Operation, Mechanical, Electrical & Inst Maintenance
- Assist OEMs during Shut Down and re-commissioning of plant / equipment
- Condition Monitoring & Base Line Signature of Rotary Equipment
- Standard Operating & Maintenance Procedures (SOP / SMP) Documents

Service Offerings



**ENMAS
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Collaborator:

PIC GROUP Inc, USA – MARUBENI GROUP – for O&M

PIC is a leading, independent global provider of service and programs to the power generation industry. The company has 6 offices and approximately 700 employees worldwide. Since the company's formation in 1988, its experience in large utilities coal/oil/GTCC includes more than

- 3000MW of plant installed
- 5000MW of plant under long term maintenance agreements
- 13500MW of plant supported under O&M
- 25000MW of plants commissioned
- 50000MW of plants maintained/repaired

ENMAS POWER O&M EXPERIENCE

O&M involvement (no. of plants)	100+
Cumulative Capacity (in MW)	5000
Current Commitments (no. of plants)	30
Employee strength	2000+
Contracts (in years)	3 to 15+

CPS (Creative Power Solutions) , USA/ Abu Dhabi – for R&M

- Creative Power Solutions is engineering company in the sector of power generation and energy utilization.
- Expertise in power generation technology and energy efficiency
- Advanced product development for turbo machinery and steam boilers and components around the thermal block
- Strategies for reduced operation & maintenance costs based on critical part lifetime management and advances engineering
- Engineering for efficiency improvements and emission reductions in existing generation units down to component and part level.
- Product Development with patents for Gas turbine, Steam turbine, Utility boiler, Package boiler, Water incineration, Condensers, Generators and Auxiliary systems