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CIDC-MECON CONFERENCE ON

New Gen Power, Electrical & Automation Solutions for Metal & Mining Industry — Vendor Empowerment Conclave

September 5, 2025, RANCHI



Vendor Empowerment Conclave
Local Innovation, Global Ambition Viksit & Atmanibhar Bharat

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About Construction Industry Development Council:

The Construction Industry Development Council (CIDC) was established jointly by the Planning Commission, Government of India, and the Indian construction industry. It functions as an umbrella organization for the construction sector with a nationwide presence through its regional centres.

CIDC undertakes a wide range of initiatives aimed at supporting and advancing the Indian construction industry. These include advice to the Government on policy formulation, Standardization, Grading of construction entities, Dispute Resolution, financing policies, Quality & Technology, International Collaboration to promote emerging technologies and best practices, skill development at various levels, research and development, organization of workshops and conferences and publication of industry-specific journals and newsletters.

About MECON Limited:

MECON Ltd., established as the Central Engineering and Designing Bureau (CEDB) in 1959, is one of India's leading design, engineering, consultancy, and contracting organizations. It provides comprehensive services for both Greenfield and Brownfield projects, covering the entire project lifecycle from concept to commissioning, including EPC execution.

With a pan-India network of offices, MECON is a multi-disciplinary organization comprising experienced engineers, scientists, and technologists. Over the span of more than six decades, MECON has successfully executed over 4,000 consultancy and EPC assignments across various sectors, both in India and internationally. MECON has made a significant contribution to the growth and modernization of the Indian iron and steel industry. An ISO 9001:2015 certified organization, MECON also maintains several technological collaborations with renowned global entities in diverse fields.

Recognizing the need of **Viksit Bharat 2047**, **MECON Ltd.** and **Construction Industry Development Council (CIDC)** have come together to **jointly organize** this landmark **One Day Conference on 5th Sep 2025 at Mecon Community Hall, Shyamali Colony, Ranchi**. This collaborative initiative aims to pool institutional expertise and sectoral knowledge to accelerate innovation, policy alignment, and industrial best practices across the Industrial and construction landscape.

About the Conference:

The “New Gen Power, Electrical & Automation Conclave” brings together MSME's, start-ups and established vendors in power, electrical and automation across all industries with a specific focus on the metal and mining industry.

Jointly organized by MECON Ltd and the Construction Industry and Development Council (CIDC), the conclave is aligned with the national priorities of **Viksit Bharat 2047** and **Atmanirbhar Bharat**.

The event aims to foster a self-reliant, globally competitive industrial ecosystem, powered by local innovation, digital adoption and collaborative Vendor Networks in Metal and Mining Sector.

Key Objectives:

- Enable local innovation and “Vocal for Local” supply chains
- Accelerate MSME/vendor readiness for Industry
- Cultivate partnerships and collaboration for national growth
- Equip Electrical and Automation vendors for opportunities in metal & mining's digital transformation
- Global Standards: Impact on MSME

Sub-Themes (Key Focus Areas) :

1. Indigenous Industry & Digital Transformation
2. Atmanirbhar Bharat & Vocal for Local Initiatives
3. Vendor Development & Capacity Building
4. Sustainability & Green Technologies
5. Collaboration & Partnership Ecosystem
6. Start-up's & Innovation in Electrical & Automation
7. Roadmap for **Viksit Bharat 2047**



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MECON's AREAS OF EXPERTISE

METALS

- Raw Materials & Mining Beneficiation
- Coke Ovens, By Product Plants
- Agglomeration
- Iron Making
- Steel Making & Casters
- Rolling Mills
- Non-Ferrous and Associated Auxiliary facilities

ENERGY (OIL & GAS)

- Long Distance Hydrocarbon Pipelines
- Compressed Natural Gas (CNG) stations & City Gas Distribution (CGD) networks
- POL Terminals
- Coal Bed Methane (CBM) Projects
- LNG/L-CNG Works
- Group Gathering Stations
- Gas Processing Plants
- Gas Compressor Stations
- LPG bottling plants
- Water Injection Plants
- In-site Combustion Plants
- Refineries
- Petrochemical Plants
- Hydrogen

MECON has a strong presence in the field of Infrastructure as we have highly experienced technical manpower from various disciplines viz. Civil, Structural, Architecture, Water Management, Ports & Material Handling, Road & Highways and Bridges and Environment Engineering.

ARCHITECTURE AND TOWNSHIP PLANNING

- MECON has the unique distinction of constructing both Industrial buildings as well Civil township Projects. MECON has constructed township Project for the New Note Press at Salboni & Mysore having 2000 and 11500 Dwelling Units respectively. Besides we have also constructed major Administrative, Technical, Non-Technical and all types of Amenity Buildings for host of clients.

HOSPITALS AND HEALTHCARE SECTOR

- MECON provides one stop solution for planning and execution of hospitals of different capacities right from concept to commissioning.

WATER MANAGEMENT

- Design, Engineering and Project Management Services for Industrial Water System, Raw Water Treatment Plant, Desalination Plants, Water Recirculation System, Waste Water Reclamation and Recycling, Community Water Supply and Sanitation etc.

PORTS & MATERIAL HANDLING

- MECON has a full-fledged ports and Material handling division who are engaged in providing design engineering and construction of bulk material handling facilities in ports.

ROADS, HIGHWAYS AND BRIDGES

- Design, Engineering and Project Management Services for turnkey execution of Roads, Highways & Bridges projects.

ENVIRONMENTAL ENGINEERING

- Environmental Audit, Environmental Statement & Environmental Management Systems – 14001
- Participating in formulation of national policies and standards in the field of environmental engineering
- Carrying Capacity and Sustainable Development Studies
- Safety audit, risk / hazard studies and disaster management plan (both on-site and off-site)
- Design and Engineering of Air and Water Pollution Control Systems; Heating, Ventilation and Air-Conditioning Systems; Acoustics, Noise & Vibration Control Systems
- Sewerage Network, Sewage Treatment & Drainage Systems
- Solid Waste Management
- Retrofitting of Pollution Control Systems
- Turnkey/EPC services for sewage & effluent treatment, solid waste management, HVAC, air and noise pollution control systems

