

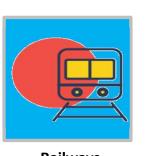


# **KEC International Limited**

# **Corporate Presentation**

#### 01 November 2023











Civil

**Railways** 

Oil & Gas Pipelines

Solar

**Cables** 







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Contents





# RPG Group







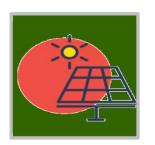
Civil



Railways



Oil & Gas Pipelines



Solar



Cables







#### **RPG Group: Powered by Passion, Driven by Ethics**

Founded by Shri RP Goenka in 1979

Turnover in excess of USD 4 billion

Footprint in 110+ countries

One of India's fastest growing conglomerates

20,000+ employees

KEC acquired by RPG Group in 1982



#### KEC International

Global EPC Company; T&D, Railways, Civil, Solar, Oil & Gas & Cables



#### **CEAT**

Leading manufacturer of automobile Tyres



#### Zensar

Software services provider spread across 20 countries



# RPG Life Sciences

Pharma Company; wide range medicines in global generics & synthetic APIs



# Raychem RPG

Engineering products & services company



#### Harrisons Malayalam

One of India's largest plantation companies; tea, rubber & other agro-products





# **KEC International Ltd**



Power T & D



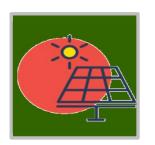
Civil



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Cables







#### **KEC Overview**





ONGOING
PROJECTS IN
COUNTRIES



7750+ EMPLOYEES

37 DIVERSE NATIONALITIES

\$2.1
BILLION
GLOBAL EPC MAJOR

MANUFACTURING
UNITS
5 in India,
3 Overseas





#### **KEC Overview**

- Global infrastructure EPC major
- FY23 Sales: Rs. 17,282 crore (USD 2.1 billion)
- Eight manufacturing facilities across India, Dubai, Brazil and Mexico

# Americas Middle Lindia & South Asia EPC Footprint countries Tower Supply: 65+ countries Tower Supply: 65+ countries Cables Export: 90+ countries





# Leadership Team







Civil



Railways



Oil & Gas Pipelines



Solar



Cables

An **RPG** Company





#### **Board of Directors**



H. V. Goenka Chairman, Non Executive Director



Vimal Kejriwal Managing Director & CEO



A. T. Vaswani Non Executive Independent Director



D. G.Piramal
Non Executive
Independent Director



M.S. Unnikrishnan Non Executive Independent Director



Nirupama Rao Non Executive Independent Director



R. D. Chandak Non Executive Independent Director



S. M. Trehan Non Executive Independent Director



Vikram Gandhi Non Executive Independent Director



Vinayak Chatterjee Non-Executive, Non-Independent Director





#### **Management Team**



Vimal Kejriwal
Managing Director & CEO



Rajeev Agarwal
Chief Financial Officer



Neeraj Nanda President – Emerging Businesses



Anand Kulkarni Executive Director – Business Operations



Kaushal Kodesia Executive Director – Railways



Manjit Singh Sethi Executive Director – Cables



Nagesh Veeturi Executive Director – Civil



Sanjeev Agarwal
Executive Director –
International T&D



Rakesh Gaur CEO - SAE & ED - T&D (Africa and CIS)



Mayank Agrawal Chief Executive – Oil & Gas Pipelines



Milind Apte
Chief Human
Resources Officer



Rajinder Gupta SVP & Business Head (T&D) – India & Sri Lanka





# **Business Overview**



Power T & D



Civil



Railways



Oil & Gas Pipelines



Solar



Cables







#### **Transmission & Distribution (T&D)**





400 kV Padma River Crossing Transmission Line, Bangladesh



132 kV Air Insulated Substation, Papua New Guinea

- One of the largest Power T&D EPC companies; footprint across 70+ countries
- Global leadership with experience of 7+ decades
- Integrated solutions on turnkey basis
  - Transmission Lines up to 1,200 kV
  - ➤ Large size substations Air Insulated up to 1,150 kV, Gas Insulated up to 765 kV & Hybrid Substations up to 220 kV
- Leading turnkey provider of Optical fibre cable laying & Optical ground wire stringing
- Strong capabilities in ahead of schedule & on-time delivery of projects
- Successfully ventured into emerging areas of Digital GIS Substations and HVDC terminal stations
- Leveraging robotic process automation, artificial intelligence, and advanced analytical techniques to improve design timeline and costing accuracy for tendering as well as execution.





#### **Transmission & Distribution (T&D) (contd.)**







- Leading manufacturer of steel lattice transmission towers in the Americas
- 9+ decades of rich and diverse experience in the region
- Expanded hardware portfolio with fittings for OPGW, Crossrope steel wire and Stock Bridge Damping system
- Products & services offered
  - End-to-end solutions for building transmission lines & substations
  - Manufactures transmission towers, poles, substation structures, hardware; Annual production capacity of 102,200 MTs per annum
  - Comprehensive Tower testing solutions



500 kV SAPEAÇU - POÇÕES III Transmission Line in Brazil



Substation - Gantry Foundation in progress for 138 kV Transmission Line, Nicaragua





#### In-house capabilities for turnkey solutions





#### **Design & Engineering**

- In-house design centers with 275+ engineers across eight centres in India, the Middle East and Americas
- >60 years library of transmission lines design database, including towers, hybrid poles and monopoles; expertise across designing substations (AIS, GIS, Hybrid) and solar structures
- Equipped with latest design, detailing and profiling software



#### Manufacturing

- Largest globally operating manufacturing capacity of 4,22,200 MTs p.a. (including Transmission towers, Steel poles, Hardware, Structures for Railways, Solar, and Substations)
  - Railway structures' manufacturing capacity of 48,000 MTs p.a.
  - Solar Structures' manufacturing capacity of 12,000 MTs p.a.
- Six tower manufacturing plants 3 in India, 1 in Dubai, 1 in Mexico and 1 in Brazil



#### **Tower Testing**

- Only company in the world to have 4 tower testing stations 3 in India; 1 in Brazil
- Complete testing solutions for all kinds of transmission towers of up to 1,200 kV, including Lattice and Guyed Towers, Tubular Towers and Monopoles





#### Railways



- Currently executing 55+ projects; electrified ~24% of the Indian Railway network till date
- Complete turnkey solutions provider in the railway infrastructure EPC space
  - Overhead Electrification systems
  - Signalling & Telecommunication systems for outdoor and indoor installation including Electronic Interlocking (EI) for new lines and capacity augmentation works
  - Traction substations
  - Doubling, tripling, and new railway lines including earthwork<sup>\*</sup> and track-laying

- Civil infrastructure such as bridges, tunnels, platforms, stations, residential buildings and workshops
- Electrification, track laying and other services in the technology enabled/ emerging growth areas of Metros, DFCC and Highspeed trains
- Manufacture of signalling cables, contact & catenary conductors, quad cables, contact wires, dropper, jumper & feeder wires, earthing conductors, and galvanised steel structures

Forayed into new technology segments such as KAVACH (TCAS) and Automatic Block Signalling (ABS)



Third Line between Mathura, Uttar Pradesh & Dholpur, Rajasthan



Hubli - Tinaighat Railway Electrification project, Karnataka



Duhai Depot, Delhi-Meerut RRTS project



#### **≫RPG**

#### Civil



- Focus on construction of factories, warehouses, residentials buildings, commercial complexes, data centres, airports,
   metros, water pipelines and water treatment plants
- Providing services in an area dominated by small unorganised players and few large companies
- Established as a preferred agency in the construction of factories, especially Cement, Automobile and Autoancillaries
- In the league of top 10 contractors executing the slip formtechnology in Silo Construction

Currently executing 70+ projects

Leveraging advanced digital technologies such as drones, photogrammetry, BIM, and IoT in construction and utilising latest formwork technology and mechanisation tools

Seven decades of experience executing various civil works across the business

Executing more than 35 high-rise luxury residential buildings

Delivering four state-of-the-art Data Centres for public and private clients



Beneficiation Plant at Dariba, Rajasthan



Construction of luxury residential project in Goa



Kochi Metro Rail project, Kerala





#### Solar



- One of the few companies with capabilities to executelarge-scale projects of up to 600 MWp, including Single Axis-Tracker technology and unique solar projects such as carports.
- Capabilities to execute large scale projects >150 MW
- Proficiency in Design, project feasibility analysis across.
   large-scale Solar Photovoltaic Power plants, backed by project management & execution capabilities

Supply/sourcing of key equipment and structures

Complete range of civil works and O&M services

Integrated EPC solutions for solar generation and evacuation

Preferred EPC status with large international developers

Secured largest ever solar order of over Rs. 750 Crore for 600 MWp tracker based project



150 MWp Ground Mount Solar Project, Rajasthan



20 MW Solar Carport project, Haryana



**30 MW Tracker Based Installation,** Andhra Pradesh





#### Oil & Gas Pipelines





Station Piping Works at Sultanpur-Jhajjar Pipeline Project



Kandla Gorakhpur Pipeline Project

- KEC launched the Oil and Gas Pipelines EPC business in line with the Government's thrust in the sector and our strategy to diversify the business portfolio into adjacencies.
- The business focusses on the construction of Oil & Gas cross-country pipelines in India as well as in international markets.
- Currently executing over 20 projects in oil & gas pipelines, slurry pipelines, and station development projects.
- The team is working on digital Project Management module iTrack to improve planning and monitoring of project progress.
- In October 2021, KEC acquired Spur Infrastructure Private Limited, an Indian EPC company engaged in setting up of cross-country oil & gas pipelines and city gas distribution networks.
- The company is executing prestigious projects for marquee customers such as Indian Oil Corporation Limited, (IOCL) Gas Authority of India Limited (GAIL India), IHB Ltd., Indraprastha Gas Limited (IGL) and Bharat Gas Resource Limited (BGRL).
- In line with the diversification strategy of the Company, the business has ventured into station works development projects, which will further pave the way for entry into process plant projects at terminals and refineries.





#### **Cables**



- Extensive range of cables & turnkey cabling solutions offered in 90+ countries
- Two fully integrated facilities, manufacturing a wide range of Power (HT, LT and EHV up to 220 kV), Control & Instrumentation, Telecom, Solar, Railway Signalling Cables and Railway Contact & Catenary Conductors
- Manufacturing capacity includes:
  - Power (~40,000 km p.a.)
  - Instrumentation (3600 km p.a.)
  - Optical fibre (8 lakh fiber km p.a.)
  - Copper telecom (6 lakh conductor km p.a.)
  - Catenary conductors (2,040 MTs p.a.)
  - Contact wire (3,240 MTs p.a.)
- Pioneered production of cross-linked polyethylene (XLPE) cables in India
- Accredited with ISO 9001, ISO 14001 and OHSAS 18001 certifications
- Developed 10 new products in FY23 such as PV Solar cable, Cathodic Protection cable, Concentric cable, Flat Submersible cable, LV Hybrid cable, Railway Signalling Power, etc.
- Continued to be a strategic enabler for KEC's other businesses with ~30% of captive consumption



Cables Manufacturing Facility at Vadodara, Gujarat



Cables manufacturing unit, Mysore, Karnataka





# Key Performance Highlights







Civil



**Railways** 



Oil & Gas Pipelines



Solar



**Cables** 







#### **Key Business Highlights – Q2 FY24**



#### T&D

- Revenues of Rs. 2,209 Cr, growth of 7% YoY
- SAE delivered turnaround performance with Revenue growth of 51% YoY and a positive PBT for the second consecutive quarter
- YTD Order intake of ~Rs. 5,400 Cr, robust growth of over 40% YoY
- Record order book & L1 of over Rs. 18,000 Cr



#### Civil

- Remarkable performance with Revenues of Rs. 1,054 Cr, a healthy growth of 42% YoY
- •YTD Order intake of over Rs. 2,000 Cr metals & mining, FMCG, buildings, public spaces and data centre segments
- Breakthrough orders in Hospital and FMCG segments



#### **Railways**

- Revenues of Rs. 776 Cr for the quarter
- •YTD Order intake of over Rs. 750 Cr Subdued owing to increase in competition from Tier II/ III EPC contractors and clientele changing from PSUs to Zonal Railways
- Commenced execution of the international railway project in Bangladesh



#### Oil & Gas

- Revenues of Rs. 127 Cr with a good growth of 57% YoY
- Building necessary pre-qualifications that will enable us to expand our addressable market
- •Strong order book + L1 of ~Rs. 1,000 Cr.



#### Solar

- Execution in progress of our largest solar project of 500 MW in Karnataka
- Actively engaged in bidding for select opportunities in this sector, capitalizing on the sustained commitment of the government to promote renewable energy



#### **Cables**

- Achieved Revenues of Rs. 413 Cr, a steady growth of 6% vis-à-vis last year
- Delivered highest ever profitability in the first half of the year
- Successfully developed five new products this year, slated for commercialization





#### **KEC International: Building Infrastructure for the World of Tomorrow**

**Transmission** & Distribution



**Railways** 

Civil

**Urban Infra** 





**Cables** 

















**DECADES** OF EXPERIENCE & EXPERTISE



**FOOTPRINT IN COUNTRIES** 



300+ **ONGOING PROJECTS** 



**GLOBAL EPC MAJOR** 



**MANUFACTURING FACILITIES** 



7500+

**EMPLOYEES** 



35+

**NATIONALITIES** 





# Financial Overview



Power T & D



Civil



Railways



Oil & Gas Pipelines



Solar



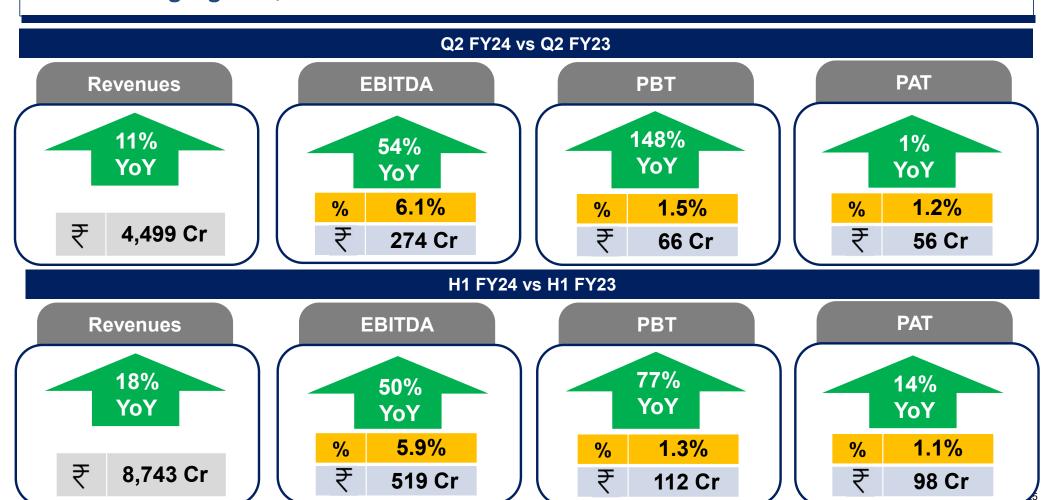
Cables







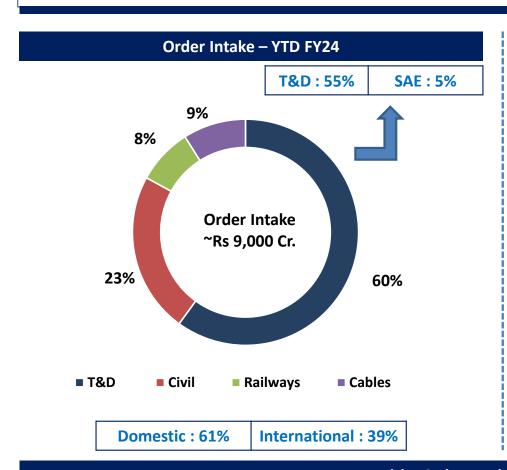
#### Financial Highlights Q2 & H1 FY24 – Growth Across Parameters

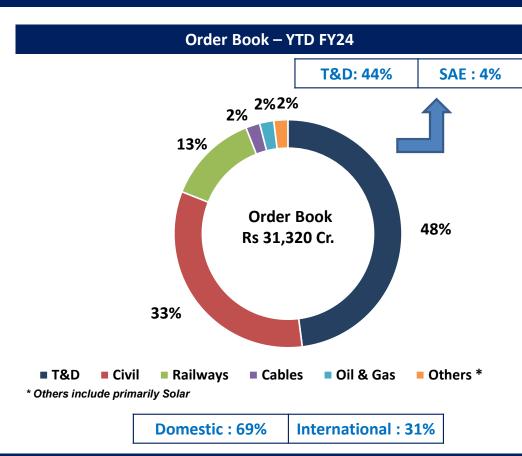






#### **Order Intake & Order Book (Consolidated)**





Healthy Order Book + L1 of over Rs 35,000 Cr





#### **Profit and Loss Summary (Consolidated)**

(₹ crore)

	Q2 FY24	Q2 FY23	Growth (Y-o-Y)
Revenues	4,499	4,064	11%
EBITDA	274	178	54%
EBITDA Margins	6.1%	4.4%	
(+) Other Income	16	16	
(-) Depreciation	47	40	
(-) Interest	178	128	39%
Interest as % to sales	4.0%	3.1%	
РВТ	66	27	148%
PBT Margins	1.5%	0.7%	
Tax	10	-29	
Tax Rate %	15.1%	-107.9%	
PAT*	56	55	1%
PAT Margins	1.2%	1.4%	

H1 FY24	H1 FY23	Growth (Y-o-Y)
8,743	7,382	18%
519	346	50%
5.9%	4.7%	
19	24	
88	79	
337	228	48%
3.8%	3.1%	
112	64	77%
1.3%	0.9%	
14	-23	
12.7%	-35.4%	
98	86	14%
1.1%	1.2%	

<sup>\*</sup>PAT growth is slightly lower due to a one-time reversal of a tax provision in the second quarter of the previous year





(₹ crore)

#### **Profit and Loss Summary (Standalone)**

	Q2 FY24	Q2 FY23	Growth (Y-o-Y)
Revenues	3,982	3,736	7%
EDITO A	404	220	200/
EBITDA	184	230	-20%
EBITDA Margins	4.6%	6.2%	
(+) Other Income	17	17	
(-) Depreciation	37	31	
(-) Interest	155	101	54%
Interest as % to sales	3.9%	2.7%	
Operational PBT	9	115	-92%
Operational PBT Margins	0.2%	3.1%	
Exceptional Item*	0	-76	
PBT after Exceptional Item*	9	39	-76%
PBT Margins After Exceptional Item*	0.2%	1.0%	
Tax	3	3	
Tax Rate %	27.7%	8.5%	
PAT	7	36	-81%
PAT Margins	0.2%	1.0%	

H1 FY24	H1 FY23	Growth (Y-o-Y)
7,684	6,584	17%
353	464	-24%
4.6%	7.0%	
21	25	
69	62	
290	176	65%
3.8%	2.7%	
15	251	-94%
0.2%	3.8%	
0	-76	
15	175	-92%
0.2%	2.7%	
4	39	
28.7%	22.4%	
11	136	-92%
0.1%	2.1%	

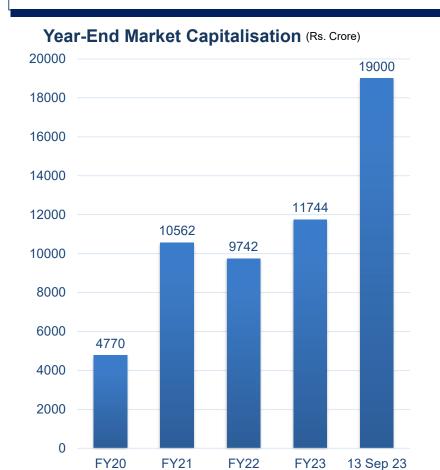
<sup>\*</sup>Exceptional item of Rs. 76 Cr in Q2 last year is provision for impairment of subsidiary in SAE Brazil

#Shift in margin profile from standalone to consolidated due to the substantial growth in revenue and margins from UAE subsidiaries, SAE and KEC Spur





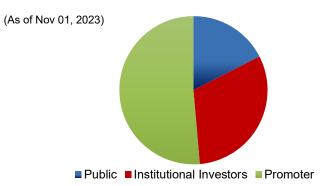
#### **KEC: Equity Share Information**



#### **Equity Share Information**

- Share Price (13 Sep 2023): Rs. 747.7/share
- Market Cap (13 Sep 2023): Rs. 19,000 crore
- Financial Year April to March
- Listed on Indian Stock Exchanges
- Bloomberg Code KECI IN
- Reuters Code KECL.BO

#### **Shareholding Pattern**



(₹ crore)





# Environmental, Social and Governance (ESG)







Civil



**Railways** 



Oil & Gas Pipelines



Solar



**Cables** 







#### **ESG & Sustainability Goals and Status**



# Happiness **Quotient**

**Target:** Increase Happiness Quotient to 85% by FY26

#### **Status:**

Happiness Quotient for FY23 has increased to 81% vis-à-vis 80% for FY21



# Diversity & Inclusion

**Target:** Increase in diversity by 25% by FY26

#### Status:

Diversity has increased by 39% in FY23 vis-à-vis FY21



# Occupational Heath & Safety

**Target:** Work towards the goal of achieving Zero accidents

#### **Status:**

LTIFR has reduced to 0.25 in FY23 vis-à-vis 0.68 in FY21, a reduction of 63%



# Corporate Social Responsibility

Target: Reach 2 lac CSR beneficiaries by FY 26

#### Status:

CSR beneficiaries for FY23 are 5.7 lakh (includes COVID-19 response beneficiaries of 2 lakh)



#### **Circularity**

**Target:** Zero waste to landfill by FY 26 for manufacturing plants

#### Status:

Waste to landfill has reduced by 51% in FY23 vis-à-vis FY21



#### Water Positive Approach

**Target:** Reduce water consumption intensity in manufacturing plants by 20% by FY26

#### **Status:**

Water consumption intensity has reduced by 16% in FY23 vis-à-vis FY21



# **Energy Consumption**

**Target:** Reduce energy consumption intensity of manufacturing plants by 15% by FY26

#### **Status:**

Energy consumption intensity has reduced by 27% in FY23 vis-à-vis FY21



# **Carbon Emission**

Target: Reduce Greenhouse Gas (GHG) emissions intensity of manufacturing plants by 20% by FY26

#### **Status:**

GHG emission intensity has reduced by 18% in FY23 vis-à-vis FY21



# Sustainable Procurement

Target: 100% of key suppliers to be assessed under ESG criteria by FY23

#### **Status:**

100% of key suppliers have been assessed under ESG criteria





#### **Sustainability Roadmap – Key Initiatives and Approach**



# Happiness **Quotient**

- Action planning workshops across businesses to increase Happiness Quotient
- Enhanced capabilities of our Al-powered chatbot,
   Electra Integrated features such as Employee
   Onboarding, Attendance management, payslip, etc.



#### **Circularity**

- Modernisation of plants & machinery and adoption of lean manufacturing practices for continuous improvement in yield
- Design optimisation of transmission towers and foundations



- Incentivizing diversity hiring for various functions
- Dedicated focus on increasing diversity while hiring batches through campuses



# Water Positive Approach

- As part of our water business, constructed intake wells, water treatment plants, elevated storage reservoirs, and water distribution pipelines to provide clean potable water to millions of people
- Undertaken awareness campaigns



- Structured wellness programs for 30,000+ workers
- EHS Minimum Mandatory Requirements (MMR) for each business unit have been revised and implemented across project sites



#### **Decarbonisation**

#### Reducing energy consumption & carbon emission

- Conservation of power & fuel by using flue gas heat in drying process and fuel atomization
- Implementation of vehicle telematics at project sites to minimise fuel consumption



- Installation of solar panels in schools
- Capacity building of government school teachers and helping them create 'Magic Classrooms' – safe learning environment for school children and effective classes



# Sustainable Procurement

- Formulated the Code of Conduct (CoC) based on sustainability / ESG criteria
- Formulated Sustainable Procurement Policy





# **THANK YOU**



Global Footprint in 110+ countries\*

\*Includes EPC and Supply

Follow us on:









Registered Office

RPG House, 463, Dr. Annie Besant Road, Worli, Mumbai - 400 030.

Phone: +91-22-6667 0200 | Email: kecindia@kecrpg.com

www.kecrpg.com

An **RPG** Company