Mr. John C Gammon joined the Public Works Department of India as Assistant Engineer in 1910, after a First Class Honors in Engineering from London. After the first world war and demobilization, he returned to India in 1919 and gave foundation to the prestigious Gateway of India. In 1922, he established J.C.Gammon Ltd. He continued to expand his horizon across the Commonwealth, Asia and West Africa. And though the activities spread far and wide, Gammon India continued to root, the source where Mr.J.C.Gammon first sowed the seed of his remarkable vision, growing into one of landmarks of our construction industry.

**A vision to reach out to frontiers of excellence**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1919</td>
<td>J C Gammon Bombay Ltd.</td>
</tr>
<tr>
<td>1922</td>
<td>J C Gammon Limited</td>
</tr>
<tr>
<td>1923</td>
<td>Overseas Expansion</td>
</tr>
<tr>
<td>1930</td>
<td>Gammon India Pvt. Ltd.</td>
</tr>
<tr>
<td>1954</td>
<td>Gammon India Limited</td>
</tr>
<tr>
<td>1962</td>
<td>ISO 9000, Entry into PPP/BOT Projects</td>
</tr>
<tr>
<td>1999</td>
<td>ISO 14000 &amp; 18000</td>
</tr>
<tr>
<td>2010</td>
<td></td>
</tr>
</tbody>
</table>
Vision

“To be leaders in innovation engineering, with uncompromising integrity, timely delivery, pride and ownership and highest standards of quality to reinforce the positioning of the organisation as "Builders to the Nation”

Mission

“To develop, build and service Infrastructure to enhance the quality of life in respect of Transportation, Energy and Environment”.

Gammon India Limited has clearly defined strategies for growth

- Turnover to exceed Rs. 150,000 million by 2014-15
Gammon India Limited - Overview

Gammon India Ltd (GIL) *
Mkt cap – in the region of US$300m

100% 100% 100% 72.6%

- **EPC**
  - Engineering Procurement and Construction

- **T & D Business**
  - EPC for Power Transmission and Distribution

- **Gammon International Fze**
  - Acquisition HoldCo (Italian firms in Power Equipment and EPC)

- **GIPL**
  - Infrastructure Developer, Asset Owner

100%

- **ATSL Holding B.V.**
  - Acquisition HoldCo

100%

- **SAE Power Lines S.p.A.**
  - Power Transmission

100%

- **Gammon International B.V**

50%

- **Sofinter**
  - Industrial and Utility Boilers

100%

- **Franco Tosi**
  - Steam and Hydro Turbines

---

*Established in 1919, current management at the helm since 1989 mkt.cap figure is indicative as of March 2011 and subject to variations based on market dynamics.
Gammon India Limited – Landmark Structures

- The first reinforced piling job in India—construction of the foundation of Gateway of India, Mumbai
- The longest river bridge in Asia across the Ganges river at Patna (5,575 m)
- The First Cable-Stayed Bridge in India at Akkar, Sikkim
- The longest span cantilever bridge in India across river Jadukatta in north east
- The longest railway tunnel in Asia (6,500 m) for Konkan Railway at Ratnagiri
- The first 500 MW thermal power station at Trombay.
- The tallest cooling tower at Panipat
- The longest urban via-duct at J.J. Hospital, Mumbai (2.2 kms)
- The longest flyover in India at Hebbal, Bangalore (5.23 Km)
<table>
<thead>
<tr>
<th>Experience</th>
<th>Spectrum of services</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Over 88 years of Experience</td>
<td>- Engineering, Procurement, Construction</td>
</tr>
<tr>
<td>- Projects completed in over 21 countries</td>
<td>- Design, Testing, Manufacturing &amp; Construction of high voltage Power Transmission Lines</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>International Presence</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Italy, Latin America, Algeria, Indonesia, Zambia, UAE, Oman, South Africa, Mexico, Sri Lanka, Bhutan, Portugal</td>
<td>- Industrial &amp; Utility Boilers</td>
</tr>
<tr>
<td></td>
<td>- Steam &amp; Hydraulic Turbines, Compressor &amp; Gas Extractors</td>
</tr>
<tr>
<td></td>
<td>- Component services for Environmental Control</td>
</tr>
<tr>
<td></td>
<td>- Infrastructure Developer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Financial Strength</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Turnover: 1.580 Bn -USD</td>
<td>- Engineering, Procurement, Construction</td>
</tr>
<tr>
<td></td>
<td>- Industrial &amp; Utility Boilers</td>
</tr>
<tr>
<td></td>
<td>- Steam &amp; Hydraulic Turbines, Compressor &amp; Gas Extractors</td>
</tr>
<tr>
<td></td>
<td>- Component services for Environmental Control</td>
</tr>
<tr>
<td></td>
<td>- Infrastructure Developer</td>
</tr>
</tbody>
</table>
Turnover

<table>
<thead>
<tr>
<th>Year</th>
<th>Turnover (Million USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002-2003</td>
<td>152.5</td>
</tr>
<tr>
<td>2005-2006 (15 MONTHS)</td>
<td>371.85</td>
</tr>
<tr>
<td>2006-2007</td>
<td>479.82</td>
</tr>
<tr>
<td>2007-2008</td>
<td>558.6</td>
</tr>
<tr>
<td>2008-2009</td>
<td>800.42</td>
</tr>
<tr>
<td>2009-2010</td>
<td>1580</td>
</tr>
</tbody>
</table>
AREAS OF SPECIALIZATION

Transport Engineering
Roads with Flexible and Rigid Pavements, All types of Bridges.

Hydraulic Works & Irrigation Projects
Dams, Weirs, Reservoirs, Water Towers, Canals etc.

Energy Projects & High-rise Structures
AREAS OF SPECIALISATION

**Industrial Structures**
Fertilizer Plants, steel Mill Complexes, Cement Plants, Paper and Textile Mills etc.

**Bulk Storage Structures**
Horizontal & Vertical Silos, Warehouses etc.

**Tunnel Engineering**
Railway Tunnels, HRTs TRTs, Desilting Chambers, U/G Structures, etc.
Marine Structures
All types of Harbours, Jetties & Intake Works.

Public Utility Structures
Airports, Sports Complexes, Assembly Halls, etc..

Pipeline Structures
All types of Cross country pipelines for oil, gas and water.
AREAS OF SPECIALISATION

Ground Engineering and Environmental Protection
Piling, Diaphragm Walls, Water Supply Schemes, Sewage Treatment Plants, Industrial Pollution Control etc.

Pre-stressing Equipment and Rehabilitation
Manufacturing of Pre-stressing Equipment, Rehabilitation of structures, Execution of Pre-stressing Operation.

Consultancy Services
Consultancy Services for Structures, Architecture and Town Planning.
Gateway of India, Mumbai, Built in 1919
Transportation of Man & Material

Pipeline

Total Length executed : 917 Kms
Total Length Under Execution : 824 Kms

Gammon provides the complete range of services needed to design, engineer & construct projects to meet the specific requirements of Gas, Oil & Water Pipelines & Pipeline stations
Transportation of Man & Material

Highways

Total Length executed: **300Kms**
Total Length Under Execution: **550Kms**

**Projects**

- **Project Name:** Vadape - Gonde Road
  - **Client:** National Highways Authority of India, New Delhi
  - **Length:** 99.5 km
  - **Contract:** Flexible
  - **Project Cost:** INR 1,286.6 Million
  - **Description:** Improvement, Operation and Maintenance, Rehabilitation and Strengthening of Existing 2 Lane road and widening it to 4 Lane with 3 km at 20 kmph speed limit on km 180 to km 240 and 3 km on km 440-450 in state of Maharashtra on BOT basis.

- **Project Name:** Bihar-Gaya Road
  - **Client:** National Highways Authority of India, New Delhi
  - **Length:** 66.6 km
  - **Contract:** Macad/Concrete
  - **Project Cost:** INR 20.46 Million
  - **Description:** Four Laning and strengthening of the existing two lane NH32 Highway from km 180 to km 240 in Bihar, India.

**SHERGHATI - GAYA SECTION, BIHAR**
Infrastructure Development Projects

5-Operational projects; 10- Development phase; 4- Predevelopment phase

- Youngthang Hydroelectric
- Punjab Biomass
- Haryana * Biomass
- Mumbai Nasik Expressway
- Mumbai Offshore Container
- Pravara Co-Generation
- Cochin Bridge
- Gorakhpur By pass
- Patna Muzaffarpur
- Sikkim Hydroelectric
- Kosi Bridge
- Paradip Iron Ore
- Vizag Sea Port
- Rajamundry Expressway
- Andhra Expressway
- Godavari Bridge

Participation in projects based on BOT, BOOT, BOO AND OTHER PPP Models
Gammon has served this sector since 1934
First NDCT constructed for 120,000 kv Power Station Scheme for Ahmedabad Power Station – the first to be completed in reinforced concrete in India

### Cooling Towers/ Chimney

**Cooling Towers**

**NDCT & IDCT**

- **NDCT commissioned till date** – 91 nos.
- **Project rating up to 1270Mw and Tower height up to 143m ht**

- **23 nos. NDCT Under execution up to Tower height 197 m**

- **IDCT – 138 Nos.**
- **Capacity of tower up to 146,000 cum/ hr**

- **12 nos. IDCT under Execution with tower capacity up to 180,000 cum/ hr**

**Chimneys**

- **Completed 95 chimneys of height up to 275 m**

- **31 Chimneys of height varying between 220m- 275m under execution at various locations**
Cooling Towers

Jajjar CT- 165m & Chimney- 275m

Bellary CT- 143m & Chimney – 275m

Chandrapura IDCT – 11 cells

Kadapa IDCT- 14 cells
Gammon India Limited is associated with Construction of Nuclear Power Project structures since 1959 and has to its credit, the first in India and third in the world - Nuclear Containment Structure in PSC at RAPP Kota, Rajasthan. Since then partnered 9 Nuclear Power Plants across the Country.

Kaiga unit 3 & 4 – 450MWe, Karnataka

INDIA’S FIRST 500 MWe FAST BREEDER REACTOR AT KALPAKKAM, TAMIL NADU, DEVELOPED INDIGINOUSLY
Hydro Power Plant

Gammon India Limited is associated with Construction of Hydro Power Project structures since 1986

**Constructed:**
- 21 Tunnels, 9 Dams,
- 4 Surface Power House
- 3 Underground Caverns
- 84 million Cum excavation
- 21 million cum concreting

Contributed 1750 MW in last 15 years

3627 MW under Construction

SUCCESSFUL COMPLETION OF BORING OF TWO OF THE WORLD'S STEEPEST INCLINED PRESSURE SHAFTS EACH 4.88M DIA AND 1546M LENGTH. THIS, NOT ONLY CREATED A WORLD RECORD BUT ALSO PROVED THE SUCCESSFUL APPLICATION OF TUNNEL BORING MACHINE AT AN INCLINE OF 30 degs IN COMPLEX HIMALAYAN GEOLOGICAL CONDITIONS.

THESE PRESSURE SHAFTS ARE A PART OF 4X 200 Mw PARBATI HEP STAGE-1. THE SCOPE ALSO INCLUDES CONSTRUCTION OF 6.6KM HRT, SURGE SHAFT 17M DIA AND 130M DEEP AND SURFACE POWER HOUSE.
Total Length: 6.5 km
Scope of work:
Temporary traffic diversion works, construction of sub structure, Super structure, Signaling & Telecommunication

Extradosed Bridge, Moolchand, Delhi-DMRC
Total Length: 17.5 Km
J.J HOSPITAL VIADUCT

SPECIAL FEATURES:
LONGEST FLYOVER BRIDGE IN MUMBAI
FIRST ELEVATED ROAD OVER ROAD IN
MAHARASHTRA
FLYOVER CONSTRUCTED BY USING PRECAST
SEGMENTAL TECHNOLOGY
ELECTRIFICATION BELOW FLYOVER DECK
SUPER STRUCTURE ERECTION OF ONE SPAN
COMPLETED IN PERIOD OF 15 DAYS
CAPACITY OF INDIVIDUAL PILE 500 MT
M75 CONCRETE USED FOR THE FIRST TIME
UPLIFT BEAMS FIRST TIME MADE & USED IN INDIA

2.4 KM LONG 16.20 M DUAL CARRIAGEWAY
VIADUCT FROM J J HOSPITAL TO
PALTAN ROAD
Hebbal Grade Separator

Construction of Grade Separator (Interchange) at Outer Ring Road (ORR)-National Highway No.-7, Intersection at Hebbal, Bangalore

Total Length- 5.23km

Longest Flyover in India
Gammon group has a major international presence in the specialist field of Extra High Voltage Transmission lines operating through its Indian T & D Division having large manufacturing facilities and execution of EPC contracts as well as through its wholly owned subsidiary company SAE Power Lines based in Milan Italy.

Tower Manufacturing facility since 1994 - Total owned capacity over 110,000 MT per year. Our fabrication plant at Deoli – (Wardha) India (50,000 MT capacity) is an ultra modern unit with state of the art CNC machinery (from FICEP Italy), automated galvanizing furnace (Protherm UK) with 29 ft long bath. (9 m L x 1.5 m W x 3.0m D). This plant is planned and designed in association with SAE Power Lines. All the manufacturing plants have in house galvanizing facilities with the bath size ranging from 23 ft, 26 ft, 29ft and 47 ft long & up to 9 ft deep.

In-house design / engineering facilities, having designed / tested more than 60 types of towers up to 800 kV for Indian and Overseas Clients

Have supplied lattice type towers / structures for 765 kv /400 kv /220 kv transmission lines over 300,000 tons in India as well as to various overseas countries
Sofinter Group Shareholders

- 50% Italian Shareholders
- 50% Gammon India
- Ansaldo Caldaie SpA
  - Italy
  - 74%

ANSALDOcaldaie Boilers
- ANSALDOcaldaie Boilers India
Most Experienced and largest Italian original technology Boiler Manufacturer

Over 150 Years Experience in Steam Generation and Burners technology

Full coverage of Steam Generator technologies:
Coal/oil/gas firing, subcritical and supercritical steam generators

HRSGs from 70 to 260 MW (F class)
Hybrid recovery/fired boilers
Special Design Boilers

Worldwide References
80,000 MWe - Over 1000 Units
Landmark Projects

A schematic view of the upcoming ISKON Temple and Cultural centre at Mayapuri, West Bengal - the biggest and most prolific structure of its kind worldwide.
The upcoming ‘Signature Bridge’ project in Wazirabad in North-West Delhi is one such example. The cable-stayed bridge will link National Highway number one near existing T-point at Wazirabad on Western bank and Marginal Bund Road at Khajuri Khas on eastern bank of the River Yamuna, thus connecting North Delhi with East Delhi.

With a length of about 575 metres and a height of 175 metres the Signature Bridge would have a bow-shaped pylon in the middle. Equipped with four lanes, this engineering masterpiece will have 1.2 metre wide central verge, space for anchoring cables, maintenance walkway and crash barrier on either side of the central verge. Once completed, this project would significantly help in the efficient flow and management of traffic in the region.
Gammon – OJSC Mosmetrostroy has been awarded two prestigious contracts of Design and construction of underground stations and associated tunnels for Chennai Metro Rail Limited (CMRL) amounting to Rs1947 crore.

These contracts are part of the five tender packages (UAA-01 to UAA-05) floated by the CMRL for design and construction of underground stations and associated tunnels covering a total length of 18 km and 19 underground stations.

Out of the above, Gammon India Limited has been awarded package UAA-02 and UAA-03. The two project contracts have a value of Rs 932.88 crore and Rs1014.42 crore.

The scope of work for both packages involve construction of seven underground stations at Govt Estate, LIC building, Thousand light, Gemini, Teynampet, Chamiers road and Saidapet along with twin bored tunnels covering a total length of over 6.4 KM (6474 metres).

This is among the largest contracts bagged by Gammon and constitutes about 15% of its current year’s Construction Business order book.
Senior Management

Mr. Abhijit Rajan
Chairman & Managing Director

Mr. Rohit Modi
Deputy Managing Director

Mr. Himanshu Parikh
Executive Director

Mr. Rajul A. Bhansali
Executive Director - International Operations

Mr. Digambar C. Bagde
Director & CEO (T&D Business)

Mr. Chayan Bhattacharjee
Executive Director & Member of Board - Gammon India Ltd.

Mr. Ajit Desai
Executive Director & Member of Board - Gammon India Ltd.

Mr. Mohan V Jatkar
Executive Director (Technical) & Member of Board - Gammon India Ltd.

Other Board Members

Mr. Girish Bhat
Chief Financial Officer

Mr. P.P. Sukumaran
Chief People's Officer

Mr. Harsh Kapoor
Head, Monitoring & MIS

Mr. Rajesh Prasad
Chief Commercial Officer

Mr. Soumendra N. Sanyal
Chief Strategy Officer
Thank You