



PROFILE

SPAC Power Engineering India Pvt Ltd.

REGISTERED OFFICE: **# 1451, GARDEN AVENUE, THIRUVALLUVAR NAGAR,
MOGAPPAIR-CHENNAI-600037**

ASSOCIATE OFFICE: **#8C,HENRI KOENIG STREET
CUREPIPE, MAURITIUS.**

CORPORATE OFFICE: **101, CECIL STREET,
#20-02, TONG ENG BUILDING,
SINGAPORE-069533**

SUBSIDIARY COMPANIES: **SPAC POWER ENGINEERING LANKA PVT LTD, COLOMBO-SRILANKA.
SPAC POWER MECHANICAL CONTRACTING CO -KUWAIT.
SPAC POWER ENGINEERING PTE LTD-SINGAPORE.**

COMMUNICATION : **E Mail : yourpower@spacpower.com , spacpower@gmail.com,
Contact : +91 44 265615618;+91 9444409982;
Visit: www.spacpower.com**



The Company

SPAC, an engineering and construction firm was incorporated to offer complete construction services to the global market. The goal of **SPAC** is to deliver quality projects on time, on budget, at international standards and to the complete satisfaction of the customers.

SPAC Power Engineering India Pvt. Limited serves the industry by setting up and maintaining Power, Sugar, Chemical, Petrochemical Oil & Gas and Industrial plants and also providing consultancy services, and manpower services to clients in the field of Construction.

SPAC team has engineer's adept in all aspects of engineering, construction, maintenance, operations, assessment, and project management. **SPAC** employees are provided with necessary resources to successfully complete an assigned project. They are trained with updated Work Methods and Safe Operations programs.

SPAC Engineers are specialized in planning and execution of projects ON TIME AND WITHIN BUDGET PLANNED through methods engineering, value engineering, contract management and TQM.

SPAC has partnered with Mauritian based Engineering company **EDCC Ltd** which is a diversified engineering enterprise operating in the field of Engineering, Design, Consultancy, Contracting, and Maintenance, particularly oriented towards Energy related sector. **EDCC** stands as being a technologically proficient company for each market served bringing each time solutions beyond customers expectations.

Amongst various projects handled by **SPAC & EDCC** the portfolio of activities of the company range from Power Generation, Water Treatment, Sugar Industry, Food Industry and Inter-alia Structural Works Cross Country Piping Etc. We are mainly focusing in the

Middle East , African and European markets and have completed projects in countries like Zambia, Malawi, Madagascar, Australia, France, South Africa, Senegal, Togo, Reunion Islands etc...

SPAC is a organization focused on international new business development. We have a rich national and international exposure and experience in business development . The tailored approach pursued by us allows us to offer to our clients a structural multilevel and multitasking range of services, that translate into a unique and visionary "all in one" product.

SPAC is headed by Its Managing Director Mr Praveen Miranda who has got a 28 year of rich exposure in the field of Power, Petroleum industries he has completed various prestigious projects for EIL, BHEL, NTPC, VEDANTA, IHI –Japan, Hyundai –South Korea, Wartsila. Etc.

SPAC has developed an international network of associates that represent a large number of companies and organizations worldwide. We specialize in assisting corporate organizations to develop capability and international trade. We work in Europe, Central and Eastern Europe, Middle East, Australia, Africa and the United States. Our associates and clients include many multinational companies and national and international organizations representing a whole spectrum of businesses and services.

MISSION OF SPAC

- To become a Eco-Friendly Green Energy Solution providing company in EPC terms at global & domestic level.
- To Develop & Deploy Highly Motivated & Skilled Human Resources for Infrastructure Projects
- To Be a one stop solution for all Engineering Needs of the client.
- To Develop and New technologies and Solutions to reduce carbon footprints

SPAC CORE COMPETENCE

- SPAC was incorporated to offer complete Power plant construction, Oil Storage Terminals, Power, Cement & Sugar Plant solutions to the global market. The goal of SPAC is to deliver quality projects on time, on budget at international standards and to the complete satisfaction of the customers.

SPAC Services

Engineering Procurement & Construction Services

- To provide end to end solutions in Power sector ranging IPP / CPP / CCPP / CO-GEN & Renewable energy considering most critical aspect of any power project in present scenario is Site execution co-ordinations with ever depleting reserve of skilled Personnel.
- Undertake export orders for fabrication of pressure vessels, tanks, and structural and non-pressure parts
- Erection of Piping, heavy equipments, Structures tanks, piping, ducting, turbines, boilers, ESP, water treatment plants, and coal handling plants.
- Maintenance of all types of industrial plants.
- Revamp and overhaul of industrial plants.
- Material handling and store management for construction projects.
- Supply of all types of industrial materials for construction projects.

Strategic Business development Services

- Identification of customer's (India and foreign based) industrial project needs.
- Conduct site survey.
- Prepare feasibility report.
- Liaison with government and local agencies to obtain statutory clearances in India.
- Agency services to foreign companies to set up offices and to execute projects in India.

Human Resources development Services

- Supply of engineering specialists and technicians for construction projects.
- Supply of skilled manpower for construction projects.

Technology Development:

Develop New technology using renewable resources and implement in the projects to reduce the carbon foot prints.

To Implement Energy saving methods in power sector to increase the efficiency of the plant

Ongoing Projects:

- Dismantling, Engineering, Procurement and Construction of 1X10 MW biomass Based Power project for Sustainable Green Energy Pvt Ltd –Sri Lanka.
- Modification of Sugar plant and capacity addition for Kilombero Sugar Company – Part of the Illovo group – Tanzania.
- Erection, Testing Commissioning of process piping for GT5 Oil Refinery At Kuwait National Petroleum Corporation for Jurong Maintenance Ltd-Singapore (JML).
- Erection, of Structures and piping for Integrated Steel Plant project for Shriram EPC Ltd in MISCO – Oman.

Part list of Completed Projects:

- Erection, Testing and Commissioning of piping, structures and tanks for Sucafci Ferke2 Factory at Somdiaa Sugar Company -Ivory Coast. For Forges Tardieu.
- Mechanical package Installation for Mhlume Sugar Factory for Royal Swaziland Sugar Company-Swaziland.
- Fabrication and erection of Building Structures for RS Denim Expansion Project for EDCC Co Ltd -Mauritius.
- Fabrication and Erection of Structures, Piping and Equipments for Sugar refinery project for Zambia Sugars –Zambia.
- Fabrication and Erection of Structural Steel for petronas Rapid Project Package P14.for MKRS Group Malaysia.
- Fabrication and Erection of Structures, Piping and Equipments for Sugar refinery project for TPC Ltd –Tanzania.
- Erection of Unit 2 Pressure parts for 2X660MW thermal power project for ILFS power project at cuddalore.
- Design, Supply, Installation of Potable water Pipeline for SAWACO –Saudi Arabia total scope is 5Km pipe Line.
- Fabrication and Erection of Glazing Support Structures for TCS Ltd at Siruseri-Chennai
- Supply, Fabrication, Painting of various steel structures for M/s Afcons Ltd for their Chennai Metro Rail Project.

Design, Supply, Fabrication and Erection of Steel Structural Building for TATA Steel Processing Division –Chennai.

- Supply, Fabrication and Erection of Foot Over Bridge for Chennai Metro Rail Ltd for Koyembedu Station.
- Supply and Installation of Insulation For Equipments and Piping For Bio Ethanol Project For Addax Bio Energy At Seirra Leone for m/s Forges Tardieu Ltd.
- Fabrication of Structures and Piping and Erection Of Equipments For Bio Ethanol Projects For Addax Bio Energy At Seirra Leone for M/s Forges Tardieu Ltd
- Fabrication and laying of Cross-Country Oil Pipeline for M/s SAK Steel Co Ltd-Kuwait. Scope includes excavation up to required depth and laying of piping and backfilling and compacting as per the requirements.
- Excavation up to 20 Mtrs including conveying of excess soil up to 20 KM Distances under M/s Afcons Transconnelstroy (JV) in Thiruvika Park Metro Station at Chennai – Qty 50,000 Cubic Meter
- Fabrication, Erection, Testing and Commissioning of Pipeline, structures and Equipments for Reliance Industries for their KG D6 gas Station at Kakinada-Andhra Pradesh.
- Installation of piping network for 5X 125MW Bhakra Nangal Hydro Power Project for Andritz Hydro.
- Rehabilitation of Steel Bridges For EDCC Ltd – Mauritius.
- Design, Supply, Fabrication, Galvanising And erection Of Coastal Surveillance Towers For Seychelles Islands for M/s Teleconvergence Infosystem –Mauritius
- Fabrication and Erection of Glazing support Structures for Bangalore International Airport –Terminal 2 For Mero Asia Pacific Ltd.
- Fabrication, Painting & Erection of Pipe Rack and Building Structures for Coromandel Engineering Company at DCW Ltd –Tuticorin.
- Fabrication of Structures and Piping and Erection Of Equipments For Kilombero Sugar Plant at Tanzania For M/s Emineo Ltd
- Fabrication, Erection, Testing of Hydrogen service pipeline for M/s Nagarjuna Oil Company Ltd (NOCL) at Cudalore.
- Fabrication of Pipe Structures of Passenger terminal building for Chennai Airport Expansion Project for CCCL.
- Fabrication & Erection of Glazing Support Structures for Mero Asia Pacific Ltd for their Chennai airport Expansion project.
- Excavation, DI Pipe Laying and Backfilling and Disposal of Excess Soil to a distance of 23 Kms for Techpro Infra project Pvt Ltd-Chennai for their Chennai Metro Water Thervaikandigai to Karanodai pipe line project.

- Onsite Fabrication and erection of Piping, Structural and equipments for the expansion of Sugar factory for Ubombo Sugars –Swaziland.
- Fabrication & Erection of Steel Building Structures of Global Testing Center for NATRIP at Chennai.
- Fabrication and erection of Cat walk structures for the LNG Terminal for Petronet – Kochi for M/s Afcons Infrastructures Ltd.
- Fabrication, Erection of Structural Factory Building for M/s Daimler India Commercial Vehicles Pvt Ltd –Chennai.
- Electrical Works for M/s Areva Ltd for their Chennai airport Expansion works.
- Fabrication of Sugar Plant Equipments and structures for Fivescail KCP for Fincha Sugar plant at Ethiopia.
- Fabrication and erection of Turbine building structures and platform including roofing for M/s Basai Steels Ltd- Bellary.
- Fabrication & Erection of Piping , Structures and erection of Equipments for 3000TPD cement plant for Jeyajothi Cements at Banaganapalli-Andhra Pradesh.
- Fabrication & Erection of Piping, structural works Etc for utilities at Expansion of Mahagra unit for Illovo Sugars-Mosambique.
- Expansion works for capacity addition including replacing all Piping for Kagera Sugars – Tanzania.
- Fabrication of cooling tower structures and Air cooled condensers for BGR Energy systems –Chennai.
- Fabrication & Erection of BOP piping For M/s BGR Energy System Ltd., for their 1 X 500 MW Power project VTPS at Vijayawada, Andhra Pradesh.
- Erection of Turbine Building Structures For 1X500MW thermal power Project VTPS at Vijayawada for M/s BGR Energy Systems Ltd.
- Fabrication & Erection of BOP piping For M/s BGR Energy System Ltd., for their 1 X 500 MW Power project KTPP at Warangal, Andhra Pradesh.
- Project Management & Consultancy Services for MAYTAS INFRA LTD / NYKOMB Ltd For 1X125 MW Coal fired Power Plant At Senegal.
- Fabrication & Erection of on shore and off Shore Jacketed Piping (16 inch and 12 inch and 12 inch by 8 inch sizes)of 8Km Length of which 2.0 Kms in Sea bed for M/s Afcons Ltd for their Chemplast Sanmar –VCM Project at Cudallore.
- Excavation, laying of Pipes for a length of 8 Kms for M/s Afcons Ltd for their Chemplast Sanmar –VCM Project at Cudallore.
- Fabrication of Catwalk structures & Boat landing structures for M/s AFCONS for their CMTF project Cuddalore, India.
- Fabrication of Hydraulic Piling Guide assembly for M/s Afcons project at Ambatovy Port Madagascar, Africa.

- Human resource deployment of skilled technical personnel to M/s LIBERECK HOTLER KOTLARNY, Czech Republic.
- Design, laying and Testing of Pipe line for Various Products for Port Of Mauritius of around 5 Kms. Of 6 lines.
- Human resource deployment of skilled technical personnel to M/s Al Madani , Riyadh , K.S.A.
- Fabrication & Erection of structure, Piping & Tanks for Revamping and Capacity addition project undertaken by M/s Illovo Sugars Malawi Ltd at its factory in Dwangwa Sugar factory at Malawi.
- Fabrication & Erection of structure, Piping & Tanks for Revamping and Capacity addition project undertaken by M/s Illovo Sugars Ltd at its factory Zambia
- Erection of cooling tower and piping for M/s EDCC company ltd-Mauritius for their CT SAV power project Mauritius.
- Erection of Structures and piping for Diffuser at Savannah Sugar Factory for Forges Tardieu Ltd - Mauritius.
- Fabrication & Erection of structural Steel building For M/s BGR Energy System Ltd., for their 1 X 500 MW Power project VTPS at Vijayawada, Andhra Pradesh.
- Fabrication and Erection of unit piping for boiler at CTSAV power project.
- Erection of structural building For M/s R.S Denims for their spinning mill project at Mauritius.
- Fabrication & Erection of Auxiliaries for Spinning mill project for M/s RS Denim.
- Supply fabrication of Cooling tower structures for M/s WCI South Africa project at KCM , Zambia.
- Human resource deployment of skilled technical personnel to M/s P.L.HAULWEL,Trailers Ltd, Chennai.
- Supply fabrication of sugar plant equipments for M/s Forges Tardieu Ltd - Mauritius. project at Malawi.
- Fabrication of structures for M/s Jurong Engg Ltd,India for their SEZ project Chennai, India.

Major Piping Projects Executed by SPAC-EDCC

- Fabrication and Erection of unit piping and cooling water piping for 2X 40 MW power Plant at CTSAV power project in Mauritius.
- Fabrication and Erection of Utility Piping for RS Denim Factory in Mauritius
- Fabrication and Erection of Entire Piping for Balance of Plant for 1X500 MW Thermal power Project at Vijayawada.

- Fabrication and Erection of Entire Piping for Balance of Plant for 1X500 MW Thermal power Project at Warangal.
- Expansion works for capacity addition including replacing all Piping for Kagera Sugars – Tanzania.
- Fabrication & Erection of Piping , for 3000TPD cement plant for Jeyajothi Cements at banaganapalli-Andhra Pradesh.
- Fabrication & Erection of Piping, for utilities at Expansion of Mahagra unit for Illovo Sugars-Mosambique.
- Fabrication & Erection of on shore and off Shore Jacketed Piping (16 inch and 12 inch and 12 inch by 8 inch sizes)of 8Km Length of which 2.0 Kms in Sea bed for M/s Afcons Ltd for their Chemplast Sanmar –VCM Project at Cudallore.
- La Marie Treatment Plant with Degremont French Company, Mauritius, design & erection of overall Piping system and structural building.
- Indian Oil Fuel depot, Mauritius, Oil piping system and steel structures from Quay number 2 to the tank farm area.
- Cross Country Piping for oil unloading terminal total length 16 Kms at Mauritius Port.

Major projects Executed by SPAC-EDCC

- ☞ Princes Tuna factory of 200 tons of tuna fishing processing per day at Riche Terre, Mauritius. Turnkey project steam generation, High Fuel Oil piping, steam distribution network, air compressor piping, fire fighting system, service water.
- ☞ La Marie Treatment Plant with Degremont French Company, Mauritius, design & erection of overall Piping system and structural building.
- ☞ Sewage Saint Martin with Degremont French Company, Mauritius, design & erection of overall Piping system and structural building.
- ☞ Indian Oil Fuel depot, Mauritius, Oil piping system and steel structures from Quay number 2 to the tank farm area.
- ☞ Thermal Power Plant of CTDS – 1 X 36 MW, Mauritius, stress analysis of all HP, MP, LP piping. Erection overall Piping in power plant of the cooling water system.
- ☞ Thermal Power Plant of CTSAV – 2 X 45 MW (co generation plant), design and construction of coal handling system as well as the bagasse handling system. Design and construction of cooling water piping network as well as the internal of cooling tower. Construction of boiler structures.

- ☞ Engineering for Ethanol project of capacity 300 TCH from sugar cane at TOGO, West Africa.
- ☞ Design and Engineering work in association with our partner Australian Water Sydney (AWS) for development of water treatment plant in Australia.
- ☞ Thermal power plant of bois rouge 3line – 45 MW (co generation plant / bagasse coal) at Reunion Island. Construction of total ESP structures and boiler structural panel.
RS DENIM steel building at La tour Koeing (building area 300,000 sq ft), on going erection project.

Sample Photo Gallery for Preview

Cooling Tower piping – CTSAV



Conveyor Construction



Vijaywada Thermal Power Plant



Cat walk structures & piping for VCM line



OffShore Jack Platform in use



Laying of Jacketed Piping at Cudallore



Chennai Airport Expansion works

