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Vision



HUMANITY ACROSS THE GLOBE

斯里蘭卡領先的工程專業人士為全球人類服務

Per essere il leader

Professionisti dell'ingegneria

in Sri Lanka al servizio dell'umanità

attraverso il globo

Die führenden Ingenieure in Sri Lanka
zu sein, die der Menschheit auf der
ganzen Welt dienen

ගෝලීය මනුදැම් අගයමින්,
ශ්‍රී ලාංකීය ඉන්ජිනේරු ක්ෂේත්‍රයේ
ප්‍රමුඛතා වන්නෙමු!



To be the Leading
Engineering Professionals
in Sri Lanka serving Humanity
across the Globe

世界中の人類に奉仕するスリランカの主要なエンジニアリング専門家

உலகமெங்கிலும் உள்ள மனித
சுலத்திற்கு சேவை செய்யும்
இலங்கையின் முன்னணி
பொறியியல் வல்லுனர்களாக
இருத்தல்

श्रीलंका में
अग्रणी
इंजीनियरिंग पेशेवर
दुनिया भर में
मानवता की सेवा
कर रहे हैं



**Commit.
Strive.
Develop.
Practise.
Devote.**



Mission.

Commit to provide Excellence in Engineering Solutions for all the projects that we endeavour.

Strive to exceed the expectations of our clients through exemplary professional and technical services with continuous quality improvement and innovation.

Develop a reputable engineering team that has the expertise to execute every project with ultimate success and total satisfaction of client and justification by future generation.

Practice integrity, trust and honesty in our relations with our clients and our team members in order to achieve success in delivering our services.

Devote to cherish Engineering Ethics and uplift the standard of Engineering while actively contributing to the Development of Sri Lanka.

Expertise

BID CONSULTANCY

"We make your Bid, the Technically Qualified Price Competitive Bid..."

EPC IN POWER & ENERGY PROJECTS

"The other edge of Power Supply – Demand Triangle..."

ENGINEERING & PROJECT MANAGEMENT

"A blend of International Professional Engineers (IntPE) and PMI certified Project Managers (PMP)..."

ELECTRICAL PRODUCT MANUFACTURING

"State-of-the-Art Sri Lankan Digital Energy Voyage..."

CHANNEL PARTNERSHIPS

"The Best Care Assurance for both Supplier & Purchaser..."



Timeline



SINCE 2007

- **2007**
Minel Lanka - Incorporation
- **2014**
220/33 kV, 45 MVA Mannar GSS
- **2015**
132/33 kV, 31.5 MVA Kilinochchi GSS Aug
- **2016**
MV System at Bank of Ceylon HQ
- **2017 MAY**
300 MW Kerawalapitiya LNG Power Plant
- **2017 JUL**
132/14 kV, 71 MVA S'wewa PS GTF - Phase 1
- **2018 FEB**
National Partner for Holley Tech Ltd
- **2018 MAR**
220/33 kV, 2*63 MVA Nadukuda Wind Collector SS
- **2018 APR**
ADB Financed Rooftop Solar Project
- **2018 AUG**
220/132 kV, 2*250 MVA Hambantota GSS
- **2019 JUL**
National Partner for GE Renewables, T & D
- **2019 AUG**
220/132/33 kV, 3*250/3 MVA Kotugoda GSS PTF
- **2019 NOV**
30 MW Moragolla Hydro Power Plant
- **2020 MAR**
132/14 kV, 71 MVA S'wewa PS GTF - Phase 2
- **2021 FEB**
10 MW Kerawalapitiya W2E Power Plant
- **2021 JUN**
220 kV Kelanitissa CCPP GTF Augmentation
- **2021 AUG**
236/12.5 kV, 4*37 MVA Victoria PS GTF

Clientele



ABB

SIEMENS

Schneider
Electric

CGN

ENERGY CHINA
中国能建



TBEA 特变电工

WABAG

LSIS

CHINT
CHINT ELECTRIC

Gamesa



DFCC BANK

BANK OF CEYLON
BOC
Bankers to the Nation

LAUGFS

NORATEL

CEAT



brandix
inspired solutions

digro
TECHNOLOGY
Expect Perfection

MALDIVES AIRPORTS
your journey : our business

Partners



TBEA 特变电工



Schneider
Electric

ELLIS
Holding Power

BPG
BAIYUN POWER GROUP

L D
NANJING ELECTRIC

elconmegarad

HOIEY
TECH 华立科技

Project Map



Bid Consultancy.

**“We make your Bid, the
Technically Qualified Price
Competitive Bid...”**

Unique ‘**Bid Consultancy**’ approach, Minel Lanka is the partner of choice for many reputed international EPC firms for their competitive bid offers for utilities in Sri Lanka. Being a country where the utility Technical Evaluation Committees practice and maintain a very high standard, even globally reputed firms find it very difficult to be technically qualified in competitive bidding.

We, Minel Lanka mastering the bidding processes while been in the market for years with a successful track record with 30 MW Moragolla Hydro Power Plant to China Gezhouba Group Company, 220 kV, 500 MVA Hambantota Grid Substation to CHINT Electric, 220 kV & 132 kV Power and Generator Transformer Projects to TBEA Shenyang Transformers Group Co. Limited, few to be mentioned, would like to be your Bid Consultant for your next bid in Sri Lanka.

While adding values by delivering innovative solutions with a practical approach by utilizing the knowledge, experience and connectivity of our team to fulfill our client's needs, we simply could make your Technical Bid Proposal including RFQs, Product Offers, Product Selection, Sub Contractor Offers, Technical Spec and Schedules and Precise Indication of the Winning Price.

Our portfolio of services cover the full spectrum of engineering including Power Generation, Transmission, Distribution, Demand Side Management, Industrial and Commercial Installations, Water Projects, Infrastructure Development Projects, etc.



Hambantota Grid Substation

220/132 kV, 2*250 MVA

Hambantota, the main city in Hambantota District, Southern Province of Sri Lanka, is undergoing multiple development projects including a new sea port, international airport and prospective new industrial park. Key strategic location known by many names Magama, Ruhuna and Dolos Dahas Rata in Kingdom of Ruhuna from ancient history, with the transformation into the second urban hub of Sri Lanka in this era, Power & Energy Infrastructure Projects become vital in Hambantota.

Green Power Development & Energy Efficiency Improvement Investment Programme of Ceylon Electricity Board funded by Asian Development Bank brings up the first ever 220 kV Grid Substation to Southern Province of Sri Lanka.

Minel Lanka successfully provided Techno-Commercial Bid Consultancy to CHINT Electric, China during the procurement to become the First Chinese EPC company to win a Substation Project in Sri Lanka under International Competitive Bidding.

Hambantota 220 kV Grid Substation connects to the National Grid with a 500 MVA handling capacity in 2022.



Hambantota



Moragolla Hydro Power Plant

30 MW

Moragolla is the last major Hydro Power Plant in Mahaweli Ganga Hydro Power Scheme. The project site is located on the upper reaches of the Mahaweli Ganga in Central Highlands, approximately 22 km south of Kandy City close to Ulapane Village in Kandy district and about 130 km North-East of Colombo.

Green Power Development & Energy Efficiency Improvement Investment Programme of Ceylon Electricity Board funded by Asian Development Bank with the Project Consultancy of Nippon Koei Co. Limited, Japan and Fitchner GmbH, Germany formulated this 30 MW Hydro Power Project.

Minel Lanka is the Bid Consultant for China Gezhouba Group Co. Limited, China in Project Lot A2 – Main Civil Construction Works to become the First Chinese EPC company to win a Power Generation Project in Sri Lanka under International Competitive Bidding and Financing.

Moragolla Hydro Power Plant Construction Works consists of 37m high dam with five spillway gates, intake, head race tunnel, surge tank, pen stock tunnel and shaft, power house with switch yard, relocation of irrigation and access roads.



Kotugoda GSS Power Transformers

220/132/33 kV, 3*250/3 MVA

Samanalawewa PS Transformers

132/14 kV, 71 MVA

Victoria PS Generator Transformers

236/12.5 kV, 4*37 MVA



**Kotugoda,
Samanalawewa, Victoria**



Kotugoda is a very critical Grid Substation in terms of the Power Flow of 220 kV National Network. Before adding of Padukka and Kirindiwela Grid Substations to the network in 2020-22, Kotugoda Grid Substation is the connection hub of Hydro Generation from Upcountry, Thermal Power from Colombo and mix of Coal and Wind Powers from Northern arena.

Victoria is the largest Hydro Power Plant in the country adding 210 MW since 1985 while Samanalawewa is the largest Hydro Power Plant in Samanala Complex adding 120 MW since 1992 to the National System.

Ceylon Electricity Board has procured new Transformers with the aging of existing transformers in these stations. Minel Lanka won all three tenders with TBEA Shenyang Transformers Group Company Limited, one of the oldest and biggest transformer manufacturer in China, crowning them as the First Chinese Transformer Manufacturing Company to win a Transformer Tender in Sri Lanka under International Competitive Bidding.



Kerawalapitiya LNG Power Plant

300 MW

Kerawalapitiya Complex is the main LNG oriented Thermal Power Plant Complex in Sri Lanka. First of these power plants commissioned in 2010 as a 300 MW Multi Fuel Combined Cycle Power Plant. Most of the senior engineers in Minel Lanka has gained working experience in this first ever plant in the country.

In 2017, Government of Sri Lanka floated the tender for second phase, Minel Lanka was consulting to CGN New Energy Holdings Co. Limited for this 300 MW Multi Fuel Combined Cycle Power Plant to become one of the five technically responsive bidders in the International Bidding Process.



High Voltage Transmission Lines

220 kV, 132 kV

150 km in length from Polpitiya Grid Substation to Hambantota New Grid Substation in a tough terrain, a 220 kV Twin Zebra Double Circuit Transmission Line, one of the longest and highest configured transmission line in transmission network of Sri Lanka.

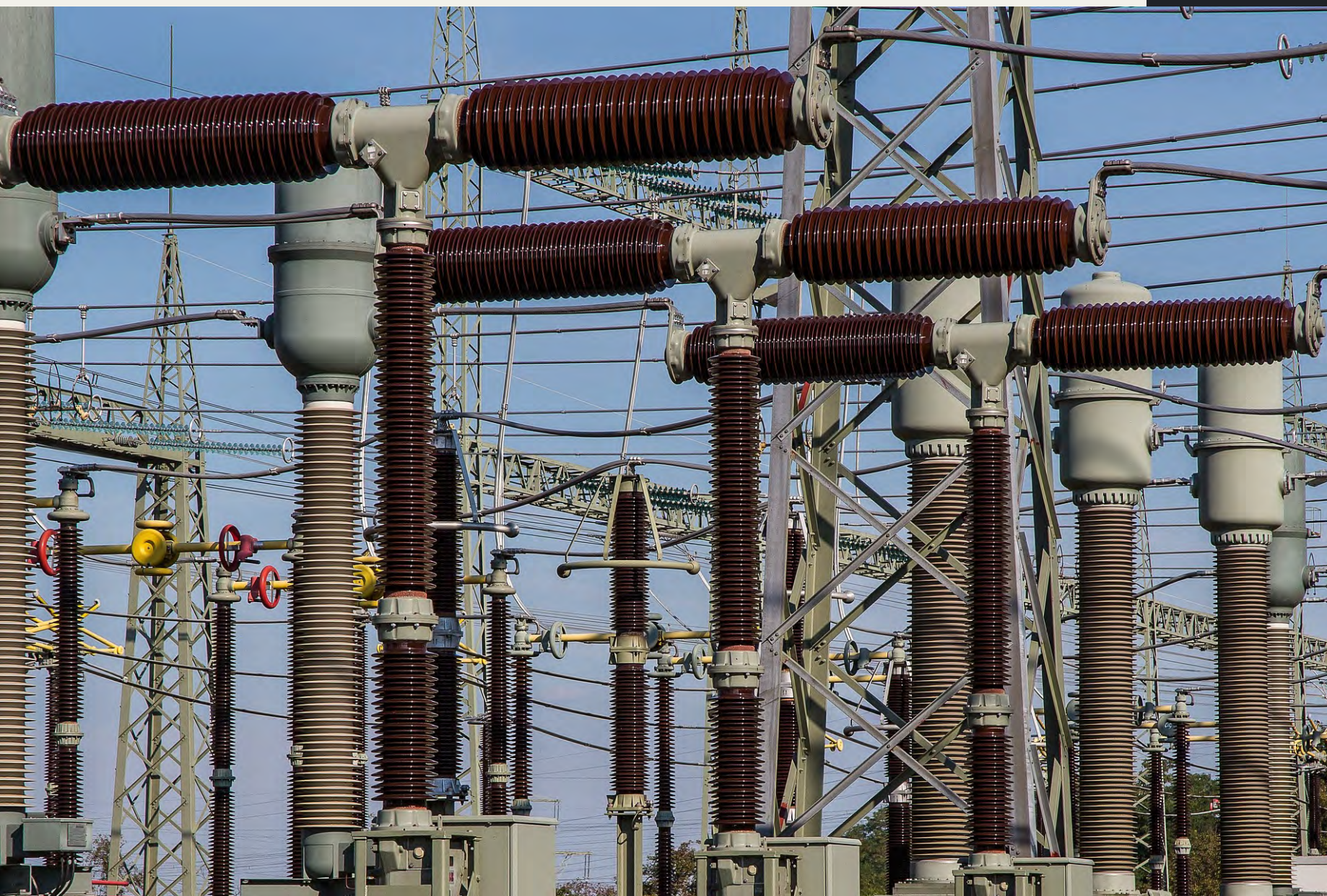
Minel Lanka was the Bid Consultant to China Machinery Engineering Corporation to become one of the few Technically Responsive Bidders in this Two Envelope International Bid. With the continuous development in bidding strategies, Minel Lanka won consecutive 220 kV and 132 kV Transmission Lines tenders with CMEC including total of approx. 200 km transmission lines under Power System Reliability Strengthening Project.

References.

Project	Description	Owner	Client	Year
Consultancies on Bids/ Tenders, Engineering and Project Management				
Power System Reliability Strengthening Project - Package 4	Construction of 47 km of 220 kV Tx Lines and 16 km of 132 kV Tx Lines	Ceylon Electricity Board, Sri Lanka	CMEC, China	2021
Power System Reliability Strengthening Project - Package 2 - Lot A	Construction of 110 km of 132 kV Tx Lines	Ceylon Electricity Board, Sri Lanka	CMEC, China	2021
ADB Financed Rooftop Solar Project	Technical Consultancy	Asian Development Bank	DFCC Bank	2020
2 MW Solar Power Plant Project at Hambantota	Technical Consultancy	Laugfs Holdings (Pvt) Limited	Laugfs Holdings (Pvt) Limited	2020
400 V Energy Meters Supply to DD2 - 3000 Nos.	Technical Bid Preparation and Assistance in Financial Bid Preparation	Ceylon Electricity Board, Sri Lanka	Holley Tech, China	2020
400 V Energy Meters Supply to DD2 - 2000 Nos.	Technical Bid Preparation and Assistance in Financial Bid Preparation	Ceylon Electricity Board, Sri Lanka	Holley Tech, China	2020
30 MW Hydro Power Plant at Moragolla, Kandy	Technical Bid Preparation and Assistance in Financial Bid Preparation	Ceylon Electricity Board, Sri Lanka	CGGC, China	2019
132/33 kV, 2*40 MVA Power Transformers Supply to Wagawatta GSS	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	TBEA, China	2019
132/12.5 kV, 3*24 MVA Single Phase Generator Transformers Supply to Laxapana PS	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	TBEA, China	2019
236/12.5 kV, 4*37 MVA Single Phase Generator Transformers Supply to Victoria PS	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	TBEA, China	2019
400 V Energy Meters Supply to DD4 - 5000 Nos.	Technical Bid Preparation and Assistance in Financial Bid Preparation	Ceylon Electricity Board, Sri Lanka	Holley Tech, China	2019
400 V Energy Meters Supply to DD1 - 5000 Nos.	Technical Bid Preparation and Assistance in Financial Bid Preparation	Ceylon Electricity Board, Sri Lanka	Holley Tech, China	2019
400 V Energy Meters Supply to DD4 - 1800 Nos.	Technical Bid Preparation and Assistance in Financial Bid Preparation	Ceylon Electricity Board, Sri Lanka	Holley Tech, China	2019
138/10.5 kV, 71 MVA Generator Transformer Supply to Samanawewa PS	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	TBEA, China	2019
220/132/33 kV, 3*250/3 MVA Single Phase Power Transformers Supply to Kotugoda GSS	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	TBEA, China	2018
132/33 kV, 2*31.5 MVA Power Transformers Supply to Pannipitiya & Bolawatta GSS	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	TBEA, China	2018
400 V Energy Meters Supply to DD1 - 1500 Nos.	Technical Bid Preparation and Assistance in Financial Bid Preparation	Ceylon Electricity Board, Sri Lanka	Holley Tech, China	2018
400 V Energy Meters Supply to DD1 - 3000 Nos.	Technical Bid Preparation and Assistance in Financial Bid Preparation	Ceylon Electricity Board, Sri Lanka	Holley Tech, China	2018
220/132 kV, 2*250 MVA Grid Substation Project at Hambantota	Technical Bid Preparation and Assistance in Financial Bid Preparation	Ceylon Electricity Board, Sri Lanka	CHINT, China	2017
100 MW Wind Power Plant Project at Mannar	Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	Power China, China	2017
220 kV, 150 km, twin Zebra, double circuit Polpitiya - Hambantota Transmission Line Project	Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	CMEC, China	2017

Project	Description	Owner	Client	Year
Consultancies on Bids/ Tenders, Engineering and Project Management				
300 MW LNG Power Plant Project at Kerawalapitiya	Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	CGN, China	2017
220/33 kV, 2*63 MVA Grid Substation Project at Nadukkuda	Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	Power China, China	2017
National Transmission and Distribution Network Development & Efficiency Improvement Project – Package 4	Construction of Primary Substations, Distribution Substations & Cables with SCADA/DAS in Dehiwala, Mt. Lavinia & Battaramulla - Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	Power China, China	2017
20 MW Solar Power Project at Hambantota	Construction of 2 × 10 MW Solar Power Plants at Hambantota	Laugh Holdings (Pvt) Limited	Gamesa Renewable Private Limited	2016
20 MW Wind Power Project at Chunnakam	Construction of 2 × 10 MW Wind Power Plants at Chunnakam	Ceylon Electricity Board, Sri Lanka	Phoenix Ventures (Pvt.) Limited	2016
Distribution Transformer Design	Design of Transformers	Noratel Limited, Sri Lanka	Noratel Limited, Sri Lanka	2015
Kurunegala Under Ground Distribution System Project	Consultancy on Planning and Design of 33 kV Distribution System for 2015-35	Ceylon Electricity Board, Sri Lanka	Ceylon Electricity Board, Sri Lanka	2015
Kiribathkumbura GSS Project	Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	TBEA, China	2015
Kilinochchi GSS Augmentation Project	Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	TBEA, China	2015
Kappalturei, Kerawalapitiya, Trincomalee and Katunayaka GSS Project	Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	CMEC, China	2015
Habarana Veyangoda GSS Project	Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	CMEC, China	2015
Electrical Safety and Reliability Audit	Testing and Auditing	CEAT, Sri Lanka	CEAT, Sri Lanka	2015
Electrical Safety and Reliability Audit	Testing and Auditing	Big Sunshine, Sri Lanka	Big Sunshine, Sri Lanka	2014
Electrical Safety and Reliability Audit	Testing and Auditing	Ranna Hotel Resort	Ranna Hotel Resort	2014
Instrument Calibration of Coal Power Tri-Generation Plant	Instrument Calibration	Brandix Limited, Sri Lanka	Brandix Limited, Sri Lanka	2014
Post Contract Evaluation of Colombo City Electricity Distribution Development Project	Post Contract Evaluation	Ceylon Electricity Board, Sri Lanka	JICA, Japan	2014
220/33 kV, 45 MVA GSS Project at Mannar	Technical Bid Preparation	Ceylon Electricity Board, Sri Lanka	LEECC, China	2014

EPC in Power and Energy Projects.



“
The other edge of
Power Supply –
Demand Triangle...
”

Major in EPC Sector aligns with Design & Build High Voltage Substations and Power Distribution Projects; 220 kV, 126 MVA Wind Power Inter-Connector Substation with Siemens in Mannar Island and 220 kV, 500 MVA Grid Substation in Hambantota with CHINT are recently added to the list.

We do design, consult, and develop renewable power generation schemes in all forms, Mini Hydro, Wind Parks, Solar Parks and Biomass Plants.

In large-scale Thermal and Hydro, we are one of the leading Bid Consultants and also play the role of the Management Contractor.



Minel Lanka has a multidisciplinary team of professionals with an in-depth understanding of the latest trends, combining creativity with initiatives presenting an unique opportunity in the engineering space. Strengths lying in Professional Approach focusing on service, quality, and teamwork combined with a culture that encourages a desire to learn, to take ownership of issues and the pursuit of excellence for clients while having core values of Integrity, Trust and Honesty with a mix of Maturity and Young Blood and Specialized Key Workforce having professionalism in all business lines and every sub functions with unmatched differentiation between individual viewpoints to step on a wider working spectrum from agent-partner-distributor-subcontractor-contractor to consultant.

Hambantota Grid Substation

220/132 kV, 2*250 MVA

Plants and Equipment including;

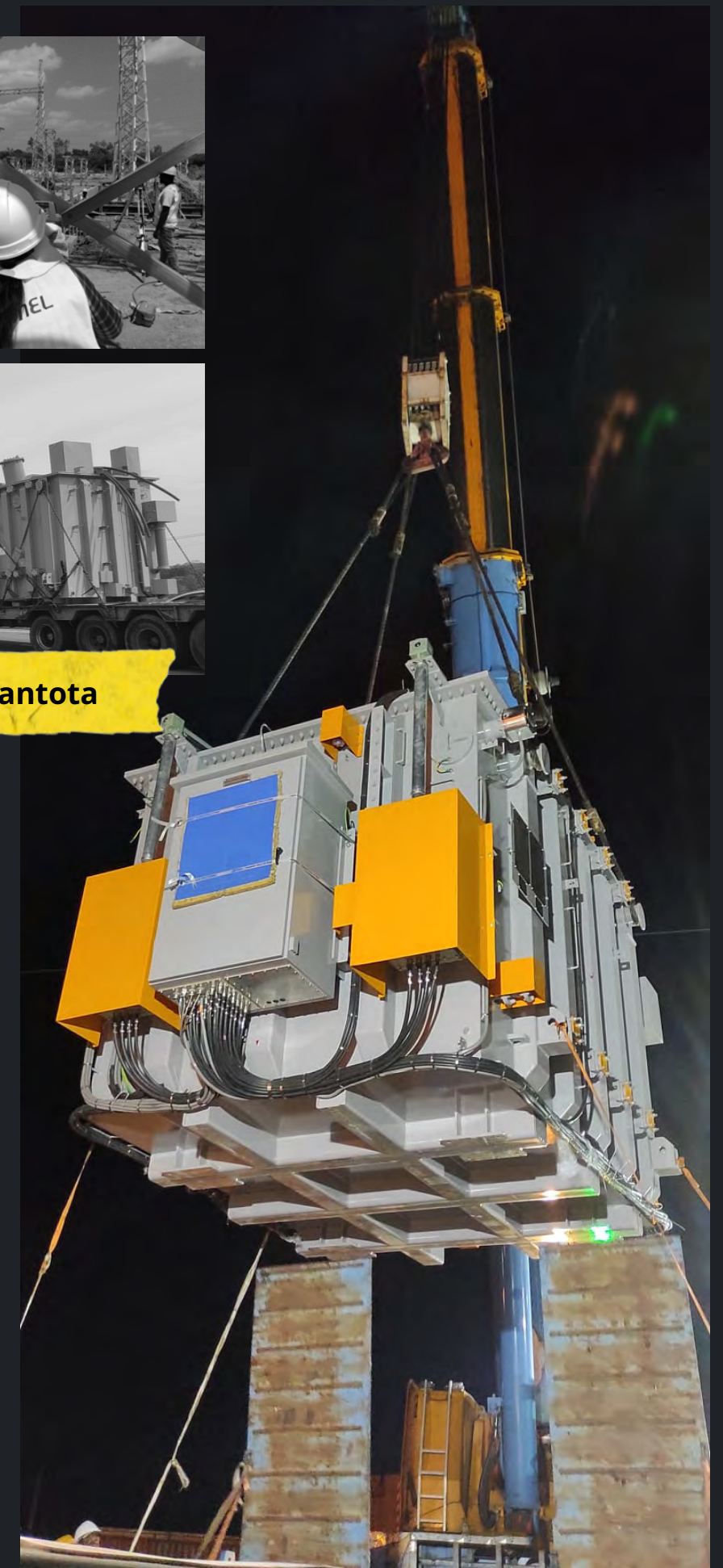
- 220/132/33 kV, 250/3 MVA Single Phase Power Transformers – 6 Nos.
- 220 kV AIS Bays – 5 Nos.
- 132 kV AIS Bays – 4 Nos.
- 33 kV AIS Bays – 2 Nos.
- Protection, Control, Metering and SAS.
- SCADA and Communication Systems.
- LVAC, LVDC, PV Solar, ETF, ATF, EDG and Auxiliary Systems.

Design and Build including;

- Civil and Electrical Design
- Civil Construction
- Electrical Installation
- Testing and Commissioning
- Site Management
- Inland Transport and Logistics



Hambantota



Nadukuda Wind Inter-Connector Substation

220/33 kV, 2*63 MVA

Plants and Equipment including;

- 220/33 kV, 63 MVA Three Phase Power Transformers – 2 Nos.
- 220 kV GIS Bays – 9 Nos.
- 33 kV GIS Bays – 56 Nos.
- 220 kV & 33 kV Power Cabling and Terminations.
- Protection, Control, Metering and SAS.
- SCADA and Communication Systems.
- LVAC, LVDC, ETF, ATF, EDG and Auxiliary Systems.

Design and Build including;

- Civil Design
- Civil Construction
- Electrical Installation
- Testing and Commissioning
- Site Management



Nadukuda



Mannar Grid Substation

220/33 kV, 45 MVA

Plants and Equipment including;

- 220/33 kV, 45 MVA Three Phase Power Transformer – 1 No.
- 220 kV AIS Bays – 4 Nos.
- 33 kV GIS Bays – 5 Nos.
- 33 kV Power Cabling and Terminations
- Protection, Control, Metering and SAS.
- SCADA and Communication Systems.
- LVAC, LVDC, ETF, ATF, EDG and Auxiliary Systems.

Design and Build including;

- Civil Design
- Electrical Installation
- Testing and Commissioning
- Site Management



Mannar



Rathmalana GSS to Angulana PSS UG Cable Project

33 kV

Design and Build including;

- Civil Design
- 33 kV UG Cable Laying and Installation
- Testing and Commissioning
- Project and Site Management



Rantembe PS Switchyard Augmentation Project

220 kV

Design and Build including;

- Civil and Electrical Design
- 220 kV & 33 kV UG Cable Laying and Installation
- 220 kV Cable Termination and Installation
- Testing and Commissioning
- Project and Site Management



National Control Centre Project

Power Grid of Sri Lanka is monitored and controlled from the new National Control Centre (NCC) at Sri Jayawardanapura Kotte. Minel Lanka partnered with Electrical Installation and Commissioning Assistance to General Electric, France/ India, the EPC Contractor of the NCC to successfully complete the project.



Greater Colombo Transmission & Distribution Loss Reduction Project

Minel Lanka as a System Integrator of Schneider Electric, Germany contributed as an Engineering Consultant and Service Provider for Supply, Installation, Testing and Commissioning of 33 kV and 11 kV GIS Feeders with Protection and Control Systems for Colombo L, M, N and Kelanitissa Stations.



Samanalawewa PS Generator Transformers - Phase I

132/14 kV, 71 MVA

- Local Transport and Logistics
- Electrical Installation
- Testing and Commissioning
- Project and Site Management



Jayawardanapura GSS Transformer Bay Augmentation Project

132/33 kV, 31.5 MVA

- Civil Construction
- 132 kV & 33 kV UG Cable Laying and Installation
- Testing and Commissioning
- Project and Site Management



References.

Project	Description	Owner	Client	Scope	Year
EPC in Power Generation, Transmission, Distribution and Industrial Sectors					
132/14 kV, 71 MVA Generator Transformer Supply to Samanawewa Power Plant - Phase 2	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	TBEA, China	Technical Consultation in Design, Design Reviews & FAT, Support in Logistics, Electrical Installation, Testing & Commissioning Works	2022
220/132/33 kV, 3*250/3 MVA Single Phase Power Transformers Supply to Kotugoda GSS	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	TBEA, China	Technical Consultation in Design, Design Reviews & FAT, Support in Logistics, Electrical Installation, Testing & Commissioning Works	2022
220/132 kV, 2*250 MVA Grid Substation Project at Hambantota	Construction of 220/132 kV, 2*250 MVA Grid Substation	Ceylon Electricity Board, Sri Lanka	CHINT, China	Civil & Electrical Design, Civil Construction, Electrical Installation, Testing & Commissioning Works	2022
220 kV Generator Transformer Augmentation Works at Kelanitissa Combined Cycle Power Plant	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	Ceylon Electricity Board, Sri Lanka	Design, Supply, Electrical Installation, Testing and Commissioning Works	2022
10 MW Waste to Energy Power Plant at Kerawalapitiya	Construction of 10 MW Waste to Energy Power Plant	Evergreen Energy, China	Evergreen Energy, China	Electrical Testing & Commissioning Works	2021
220/33 kV, 2*63 MVA Wind Collector Substation Project at Naddukkuda	Construction of 220/33 kV, 2*63 MVA Wind Collector Substation	Ceylon Electricity Board, Sri Lanka	Siemens, India	Civil Design, Civil Construction, Electrical Installation & Testing Works	2021
132 kV, 100 MVAr Capacitor Bank Project at Pannipitiya GSS	Construction of 132 kV, 100 MVAr Capacitor Bank System	Ceylon Electricity Board, Sri Lanka	Siemens, India	Preliminary Civil Design & Civil Construction Works	2020
220/33 kV, 45 MVA Grid Substation Project at Mannar	Construction of 220/33 kV, 45 MVA Grid Substation	Ceylon Electricity Board, Sri Lanka	LSIS, Korea	Electrical Installation & Testing Works	2020
33 kV Underground Cabling Project, Rathmalana	Civil Construction, 33 kV Cabling and Installation	Ceylon Electricity Board, Sri Lanka	Ceylon Electricity Board, Sri Lanka	Civil Construction, 33 kV Cabling and Installation	2020
Rantembe GSS Augmentation Project	Civil Construction, 220 kV & 33 kV Cabling, Termination & Commissioning	Ceylon Electricity Board, Sri Lanka	Ceylon Electricity Board, Sri Lanka	Civil Construction, 220 kV & 33 kV Cabling, Termination & Commissioning	2019
Pannipitiya Grid Substation Augmentation Project	Construction of 31.5 MVA, 132/33 kV Transformer Foundation	Ceylon Electricity Board, Sri Lanka	Ceylon Electricity Board, Sri Lanka	Civil Construction Works	2019
National Control Centre Project	Electrical Works	Ceylon Electricity Board, Sri Lanka	GE, India	Electrical Works	2018
Chemical Product Processing Plant in Pasikuda	Supply, Installation and Commissioning of 33 kV Power System, LV Power System, Transformers, UG Cabling, Protection & Control System	W M Mendis & Co. Limited	W M Mendis & Co. Limited	Electrical Installation & Testing Works	2018
Greater Colombo Substation Project	Supply, Installation, Testing and Commissioning of 33 kV and 11 kV GIS	Ceylon Electricity Board, Sri Lanka	Schneider Electric	Bid Consultant/ Subcontractor	2017
132/14 kV, 71 MVA Generator Transformer Supply to Samanawewa Power Plant - Phase 1	Design, Supply, Electrical Installation, Testing and Commissioning Works	Ceylon Electricity Board, Sri Lanka	ABB, Thailand	Transport, Installation, Testing & Commissioning Works	2017
Jayawardanapura GSS Augmentation Project	Civil Construction, 132 kV & 33 kV Cabling, Termination & Commissioning	Ceylon Electricity Board, Sri Lanka	Ceylon Electricity Board, Sri Lanka	Civil Construction, Electrical Installation & Testing Works	2016
MV System at Bank of Ceylon	Supply, Installation and Commission of 33 kV GIS	Bank of Ceylon, Sri Lanka	Property Development PLC, Sri Lanka	Electrical Installation & Testing Works	2016
Dambulla Water Treatment Plant Project	Installation and Commissioning	National Water Supply and Drainage Board, Sri Lanka	Vatech Wabag, India	Electrical Installation & Testing Works	2016
Katunayaka, Aniyakanda and Ambalangoda GSS Augmentation Project	Civil Construction	Ceylon Electricity Board, Sri Lanka	Ceylon Electricity Board, Sri Lanka	Civil Construction Works	2015

Project	Description	Owner	Client	Scope	Year
EPC in Power Generation, Transmission, Distribution and Industrial Sectors					
Maho and Naula GSS Augmentation Project	Civil Construction	Ceylon Electricity Board, Sri Lanka	Siemens, India/ Ralic Engineering (Pvt) Limited	Management Contractor	2015
Ambalangoda GSS 33 kV Cabling Project	Laying ad Termination of 33 kV Cables	Ceylon Electricity Board, Sri Lanka	Ceylon Electricity Board, Sri Lanka	Civil Construction, 33 kV Cabling and Installation	2015
Hambantota GSS Augmentation Project	Civil Construction Management of Transformer and Switchgear Foundations	Ceylon Electricity Board, Sri Lanka	Ceylon Electricity Board, Sri Lanka/ Ralic Engineering (Pvt) Limited	Management Contractor	2014
Electrical Installation at Weligama Cape Resort	Installation of LV System	ICC Limited, Sri Lanka	ICC Limited, Sri Lanka	Electrical Installation & Testing Works	2014
Electrical Installation at University of Peradeniya	Installation of LV System	ICC Limited, Sri Lanka	ICC Limited, Sri Lanka	Electrical Installation & Testing Works	2014
Chunnakam GSS Project	Laying ad Termination of 33 kV Cables	Ceylon Electricity Board, Sri Lanka	DIMO (Pvt) Limited	33 kV Cabling and Installation	2013

Engineering & Project Management.

“A blend of International Professional Engineers (IntPE) and PMI certified Project Managers (PMP)...”



We believe that ‘Error-Free Design’ is the base of any project which enables the timely completion of the project with a high level of quality and a fair profit to the satisfaction of all stakeholders.

Our experienced engineering team identify the client’s requirement and other implied needs from the initiation and deliver the best engineering solutions independent of project location. We offer expertise in many engineering disciplines, including Power Plant Design, Substation Engineering, Transmission Line Design, Low Voltage Installations and Building Management Systems.

Project Management is one of our core services, helping our customers to achieve their goals and objectives by successful completion of projects.

We have a well-developed project management system governed according to the PMI, Inc. standards with the procedures and specifications to manage and control of engineering, procurement, construction, and commissioning of projects. Our project management services span all dynamic sectors including Power and Energy, Infrastructure and High Rise Buildings.

Specialized Projects

“ When it mentioned Specialized, we do it...”



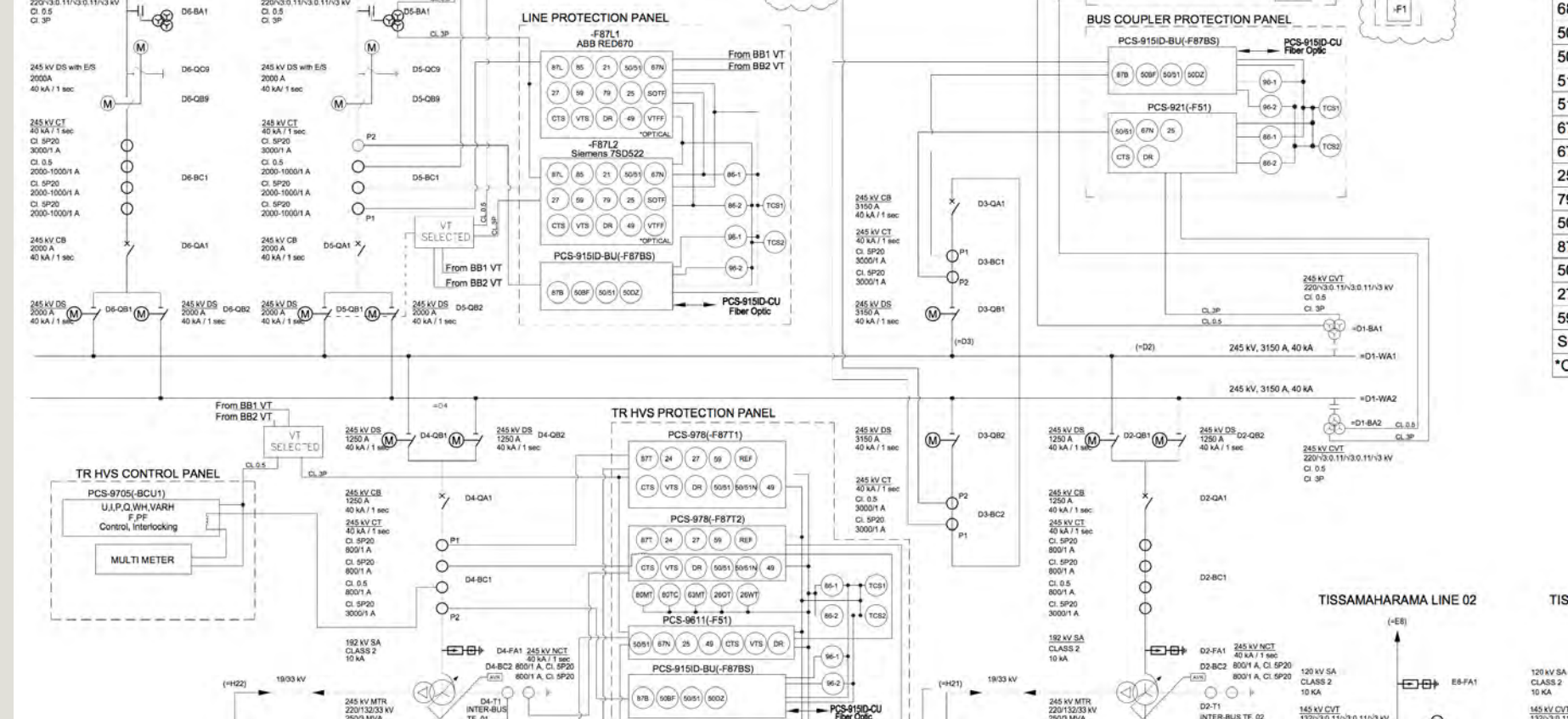
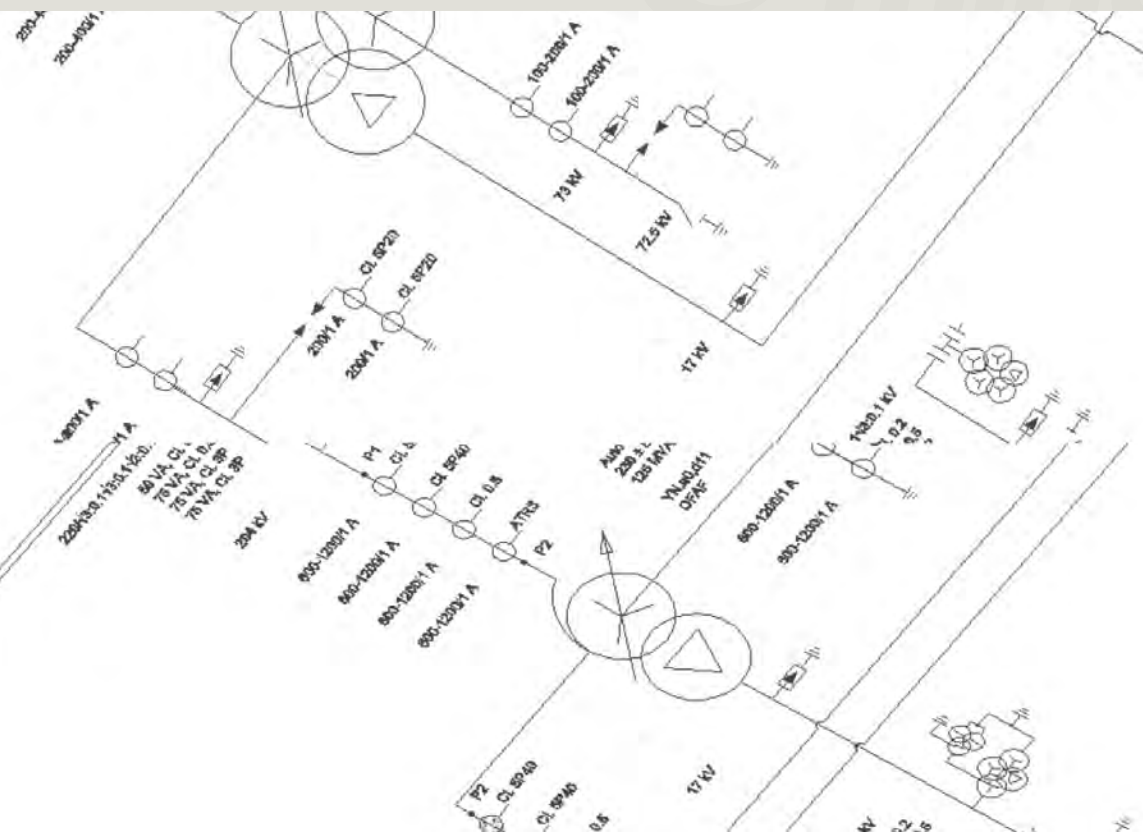
Specialized trained Engineers and Technicians in and retain in Minel Lanka for your next specialized electrical installation work.

Our team consists certified MV GIS Installation Experts, certified HV & MV Cable Terminators and factory trained engineers and managers.

High Voltage Substation Design

Key Design and Engineering knowledge area of High Voltage Substations with in-house experienced and certified Engineering Team, make one of the thriving core business line of Minel Lanka.

We cover the complete design spectrum from Single Line Diagram to As-Built Drawings offloading design hassles from the EPC Contractors and Clients.



Key Recent High Voltage Substation Design Projects

- 220/132 kV, 500 MVA Air Insulated Grid Substation in Hambantota including 220/132/33 kV, 250/3 MVA Single Phase Power Transformers – 6 Nos., 220 kV AIS Bays – 5 Nos, 132 kV AIS Bays – 4 Nos. and 33 kV AIS Bays – 2 Nos.
- 220/33 kV, 126 MVA Gas Insulated Grid Substation in Nadukuda, Mannar including 220/33 kV, 63 MVA Three Phase Power Transformers – 2 Nos., 220 kV GIS Bays – 9 Nos. and 33 kV GIS Bays – 56 Nos.
- 132/33 kV, 31.5 MVA Air/ Gas Insulated Grid Substation Extension in Ambalangoda including 132/33 kV, 31.5 MVA Three Phase Power Transformer – 1 No., 132 kV AIS Bays – 1 No. and 33 kV GIS Bays – 4 Nos.
- 132/33 kV, 31.5 MVA Air/ Gas Insulated Grid Substation Extension in Pannala including 132/33 kV, 31.5 MVA Three Phase Power Transformer – 1 No., 132 kV AIS Bays – 1 No. and 33 kV GIS Bays – 8 Nos.

Solar Power Plants Project Embilipitiya

Project Consultancy to Laugfs Power for Development and Construction of their two of 1 MW Solar Power Plants in Embilipitiya including;

- Preliminary Surveys and Design
- Preparation of Scope Statement and Budget
- Preparation of RFPs and Contract Forms
- Facilitation for EPC Tender
- Bid Evaluation and Consultant Reports
- Project Management Reviews
- Progress and Technical Monitoring

Rooftop Solar Power Generation Project

Implementation Consultancy to DFCC Bank for Asian Development Bank (ADB) funded Rooftop Solar Power Generation Project including;

- Preparation of Technical Specification
- Product Specification and Budget
- SLSI & SEA Standards and Guidelines Validation
- Installation Method Statement and Check Lists
- Testing and Commissioning Plan and Check Lists
- Installation and Testing Supervision
- Grid Connection Assistance

Underground Cable Project Kurunegala City

Project Development Consultancy to Ceylon Electricity Board for their proposed 33 kV Underground Cable System in Kurunegala City including;

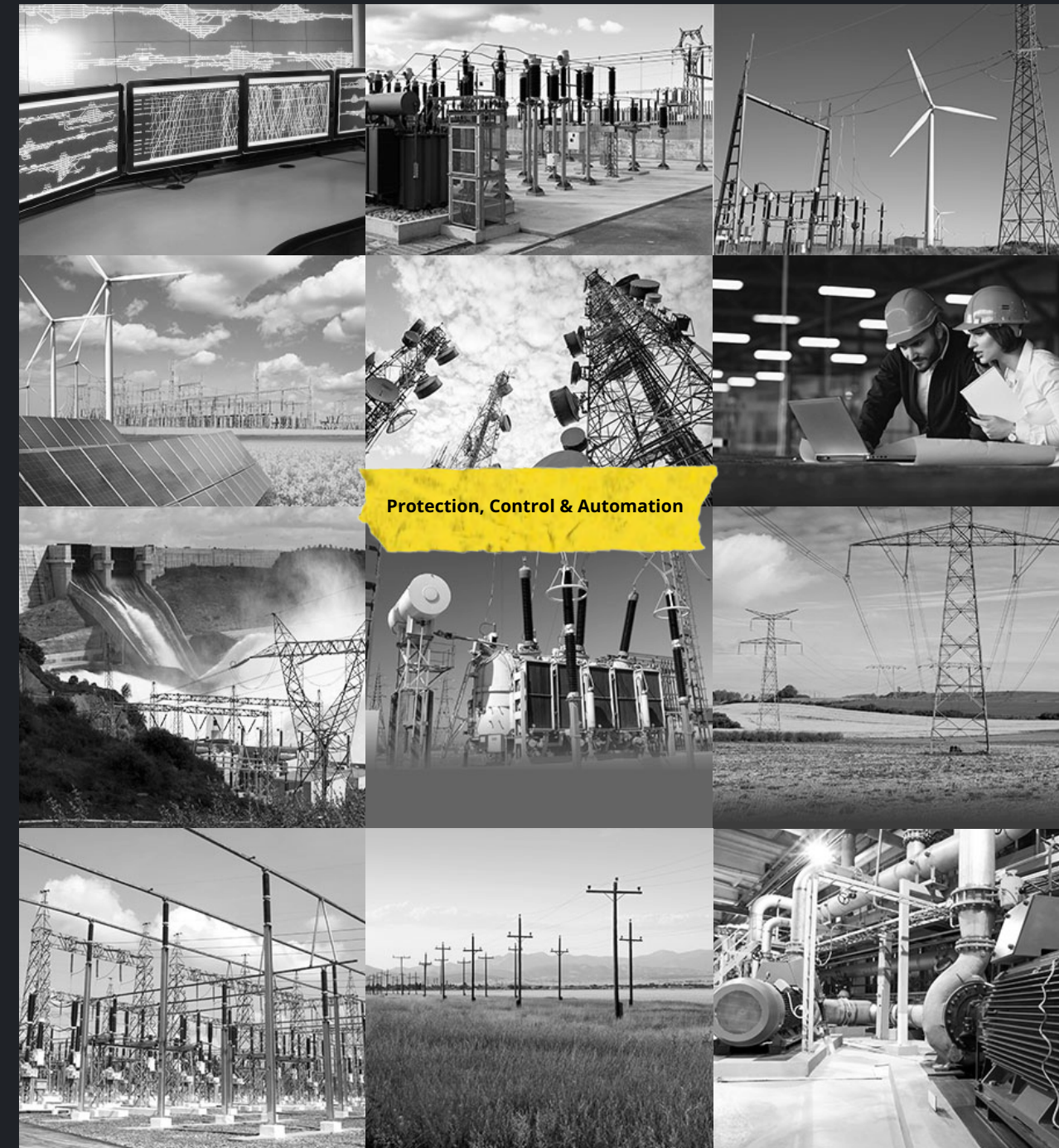
- System Study
- Distribution System Planning
- Preparation of Technical Specification
- Product Specification and Budget
- Preparation of RFPs

Medium Voltage System Project Bank of Ceylon Head Quarters

EPC Works to Bank of Ceylon for their new 11 kV Switchgear System Replacement Works including;

- System Study and Electrical System Design
- Supply of 11 kV Indoor Gas Insulated Switchgear – 8 Nos., Protection, Control and Monitoring, LVDC System and 11 kV Cables
- Installation, Testing and Commissioning

Channel Partnerships.



Channel Partnerships make its spectrum more widened; General Electric, USA has appointed Minel Lanka as Authorized Channel Partner and Distributor in Sri Lanka for their Transmission & Distribution Products from Europe, America and India and well as Renewable Energy Solutions.

TBEA 特变电工

Minel Lanka proudly represent TBEA Shenyang Transformers Group Co. Limited, one of the oldest and best Power Transformer Manufacturer in China. At present TBEA Shenyang Transformers available in 900 MW Lakvijaya Coal Power Plant and Samanalawewa Hydro Power Plant. Projects are in progress in 210 MW Victoria Hydro Power Plant and 220 kV Kotugoda GSS in Sri Lanka with TBEA Shenyang Transformers.



Journey of TBEA

1938



In 1938, TBEA developed the first power transformer in China

1938

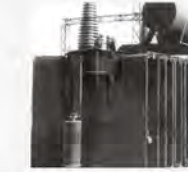
1955



In 1955, TBEA developed the first 110kV transformer in China

1955

1959



In 1959, TBEA developed the first 220kV transformer in China

1959

1973



In 1973, TBEA developed the first 330kV transformer in China

1973

1979



1979, TBEA developed the first 500kV 1-phase on load tap changing transformer in China

1979

1998



In 1998, TBEA developed the first 1000kV test transformer in China

1998

2006



In 2006, TBEA developed the first 1000kV UHV AD transformer in the world.

2006

2006



In 2006, TBEA developed the first 750kV electric reactor and expanded diameter conductors and

2006

2006



In 2006, TBEA developed the first 1000kV UHV AD transformer in the world.

2006

2006



In 2006, TBEA developed the first 750kV electric reactor and expanded diameter conductors and

2006

2009



In 2009, TBEA developed the first ± 800 kV smoothing reactor in the world.

2009

2009



In 2009, TBEA developed the first ± 800 kV UHV DC converter transformer in the world.

2009

ISO Certifications.

