

“...energizing the world with quality power.”



Unitech Power Transmission Profile (1/2)

- Unitech Power Transmission Ltd (UPTL) is an established name as EPC Contractor for Power lines and Telecommunication Infrastructure.
- Have undertaken projects in India and abroad for Power lines up to 800 KV, Telecommunication projects and Solar Projects.
- Built on the solid foundations of experience, expertise and technological insight of the two major engineering company's viz. Unitech Ltd, India and Hyundai Korea established in 1995 as Joint Venture: "Hyundai Unitech Electrical Transmission Ltd." Over last decade the company has become one of the leaders in Power Transmission Tower Industry.
- Our state of art manufacturing facility is established in Nagpur, in the heart of India, with modern infrastructure and best communications links. Inland port facilities and cross road of the major National Highway in Nagpur provide advantage of being close to our esteemed clients. Our manufacturing base is supported by 10 CNC machines which are able to process both plate and angles, making us most technologically advanced manufacturing plant for galvanized steel towers in India. Today the company prides itself with manufacturing capacity of 35,000 MT.



Unitech Power Transmission Profile (2/2)

➤ We take pride in our committed manpower and our vision to always striving for innovation and adoption of newer technologies. Today UPTL has a strong work force of 500 plus manpower comprising of highly skilled and experienced Engineers, Technician and Project Managers. Over past few years major achievements accomplished by us are :

- Direct Export to Africa and Europe
- Designed and Supply of Special Towers for Nile River Crossing
- Design and supply of microwave tower of over 100 M
- Specialized steel structure supplied for first commercial Solar Power Plant based on reflective technology in Spain
- All engineering supported specialized software, PLS Tower 16.1, PLS CADD 16.1, I-Tower
- Committed to provide high quality product on time, every time and best services to satisfaction of clients.



AREA OF OPERATIONS

- Engineering, Fabrication & Galvanizing of:
 - High Voltage Transmission Line Towers
 - Substation Structures
 - Microwave and Telecommunication Towers
 - Windmill Structures
 - Solar Structures
 - Railway Electrification Masts
 - Steel Structures for solar Power Plants
 - Industrial Structures

- Engineering, Fabrication & Galvanizing of Industrial Structures, Casing, Frame and other Structures

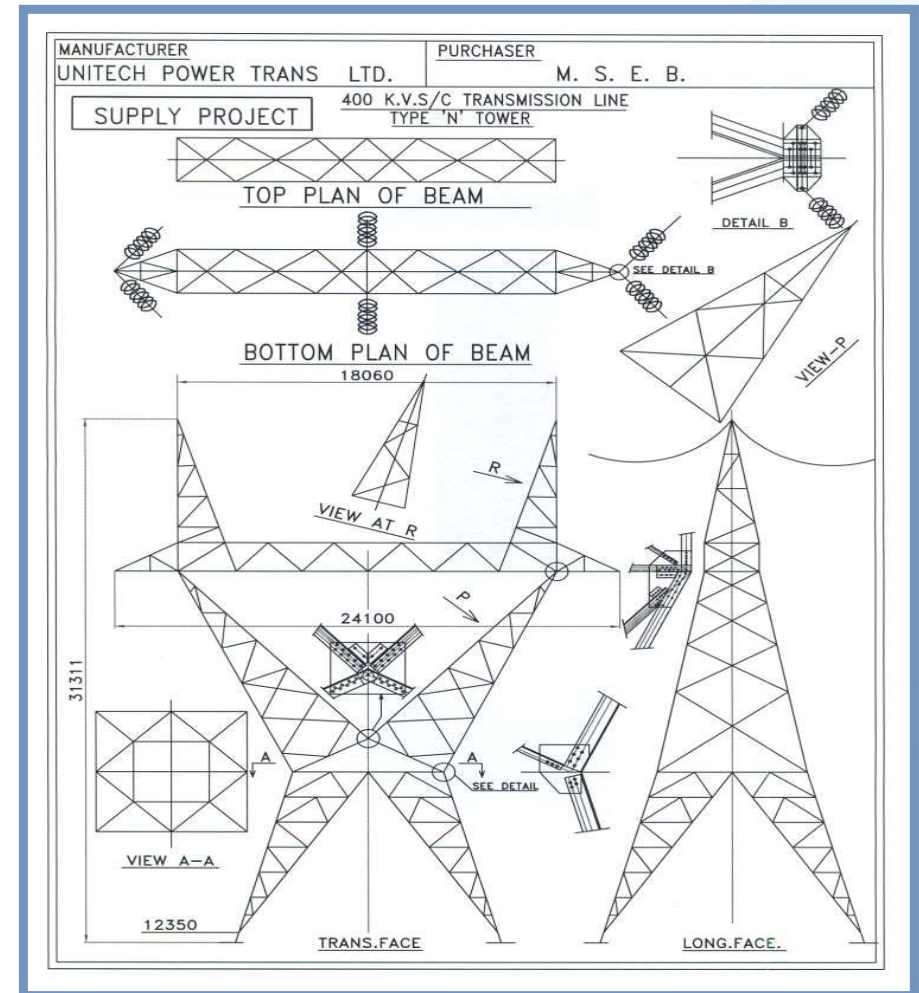
- EPC of High Voltage Power Transmission Lines

- Supply & Construction of Telecommunication Towers



ENGINEERING

- Fully equipped design and engineering department
- Tower design and drafting done with latest software tools such as
 - iTower
 - Auto CAD
 - PLS TOWER 16.1
 - PLS CADD 16.1
- Strong working relationship with third party government test beds.
- Designed utilizing IS, ASTM, EN and Standards.
- Tower designed and tested for HVPNL, CSPTCL, DMTCL, MSTCL, MPPTCL, PSTCL, Reliance, SUDAN, ZAMBIA, MAILI, GHANA, MOZAMBIQUE etc



FABRICATION PLANT

- Most modern tower fabrication plant in India with ISO-9001:2015 & ISO 14001:2015 Certification
- 35,000 MT / annum production capacity for Tower fabrication
- Centrally located with convenient road, rail and port connections
- CNC lines from FICEP/Italy and equivalent technology that can be used for stamping, punching, drilling and shearing operations of angles and plates
 - Angle processing up to 250 X 250 X 32
 - plate processing up to 180 mm through CNC Machines
- Independent dedicated production line for proto type of towers
- Fully mechanized material handling



GALVANISING PLANT

- 35,000 MT/ annum production capacity for galvanizing structural steel sections
- Modern galvanizing plant with kettle from W.Piling, Germany 10M x 1M x 1.5 M size
- Fully mechanized material handling & operations with cranes, hoists and electric trolleys
- Both vertical and horizontal hot dipping



QUALITY MANAGEMENT SYSTEM

- Quality Assurance and Control systems conforming to ISO-9001:2015 standards
- Environment Management System 14001:2015
- Complete independent facilities for:
 - Two Proto-Assembly areas and inspection offices
 - Test Lab:
 - Raw material test
 - Fabrication test
 - Galvanizing test
 - Regular Inspection by Customers prior to dispatch and third party inspections (SGS and BVQI)



CONSTRUCTIONS

- Executed turnkey construction of several transmission lines up to 800 KV in India
- Own machinery for transmission line erection including Tension Stringing Equipments for Hexa/Quad bundle conductor stringing.
- Executed turnkey construction of over 100 Meter tall Microwave Towers
- International branch has executed several transmission lines and substations projects in Libya since 1982
- Manpower strength on construction projects



TOWER DESIGNED BY UPTL

400 KV D/C DA TOWER



NILE RIVER CROSSING TOWER IN SUDAN





CERTIFICATE



This is to Certify that the
Quality Management System
of

UNITECH POWER TRANSMISSION LIMITED

H.O.:- UNITECH HOUSE, 3RD FLOOR, L- BLOCK, SOUTH CITY - 1,
GURGAON - 122001, HARYANA, INDIA.

WORKS:- PLOT NO. A-33, MIDC INDUSTRIAL AREA, BUTIBORI - 441108,
NAGPUR, MAHARASHTRA, INDIA.

has been found to comply with

ISO 9001:2015

This certificate is applicable to the following scope
ENGINEERING, MANUFACTURING, CONSTRUCTION, TESTING &
COMMISSIONING OF TRANSMISSION LINE TOWERS, MICROWAVE
TOWERS, SUBSTATION STRUCTURES AND RELATED STRUCTURES

Certificate No:: I-QSC201910035

Date of initial registration	09, October, 2019
1 st Surveillance audit on or before	09, September, 2020
2 nd Surveillance audit on or before	09, September, 2021
Certificate expiry	08, October, 2022
Recertification Due	08, October, 2022

Authorized Signatory
BQC ASSESSMENT PRIVATE LIMITED
202 DLF Galleria, Mayur Vihar Phase-1 Extension
Delhi-110091

Website: www.bqccert.com, E-mail : info@bqccert.com

Accredited by International Accreditation Service

The validity of this certificate can be verified at www.bqccert.com or through info@bqccert.com. This certificate is the property of BQC Certifications and must be returned on request. Accreditation details are available with IAS, (International Accreditation Service) Inc. USA, at www.iasonline.org



CERTIFICATE



This is to Certify that the
Environmental Management System
of

UNITECH POWER TRANSMISSION LIMITED

H.O.:- UNITECH HOUSE, 3RD FLOOR, L- BLOCK, SOUTH CITY - 1,
GURGAON - 122001, HARYANA, INDIA.

WORKS:- PLOT NO. A-33, MIDC INDUSTRIAL AREA, BUTIBORI - 441108,
NAGPUR, MAHARASHTRA, INDIA.

has been found to comply with

ISO 14001:2015

This certificate is applicable to the following scope
ENGINEERING, MANUFACTURING, CONSTRUCTION, TESTING &
COMMISSIONING OF TRANSMISSION LINE TOWERS, MICROWAVE
TOWERS, SUBSTATION STRUCTURES AND RELATED STRUCTURES

Certificate No:: I-ESC201910017

Date of initial registration	09, October, 2019
1 st Surveillance audit on or before	09, September, 2020
2 nd Surveillance audit on or before	09, September, 2021
Certificate expiry	08, October, 2022
Recertification Due	08, October, 2022

Authorized Signatory
BQC ASSESSMENT PRIVATE LIMITED
202 DLF Galleria, Mayur Vihar Phase-1 Extension
Delhi-110091

Website: www.bqccert.com, E-mail : info@bqccert.com

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CLIENTELE

With the sole aim of satisfying our customers, we provide them with technically enhanced & functionally superior turnkey solutions. We also offer help for high voltage transmission systems in designing, manufacturing, erection and commissioning of projects.

In an industry too often flooded with companies looking to outbid and undercut prices, instead of focusing on providing effective solutions. We are renowned for the quality of our work, professionalism, credibility & the extra effort we put in all our projects. In return, we have been acknowledged & rewarded with a long list of clients, who admire our work ethics and our end products.

Some of the important names from our reputed client's are mentioned below:

Domestic Client

- Powergrid, Govt of India
- Adani Power Transmission
- Sterlite Grid Limited, India
- NTPC, Govt Of India
- Essel Infra, India
- TATA Projects
- Renew Power
- Various State Electricity Boards of India

UPPTCL

HPSEB

AP TRANSCO

MPPTCL

CSPTCL

PSEB

RRVPNL

HVPNL

MSEB

International Client

- NEC, Sudan
- Fortrum Engineering, Finland
- Inabensa, Spain
- Alstom (India), France
- GECOL, Libya
- Abener, Spain
- Cobra, Spain
- Kwale Genco, Nigeria

FACTORY AT NAGPUR



UPTL TRAINING PROGRAMS



SAFETY – A WAY OF LIFE



TRAINING FROM CORPORATE AT VARIOUS PROJECT SITES



MOCK-DRILL TRAINING AT PROJECT SITES



800 KV HVDC RAIGARH – PUGALUR



400 KV DC SAMBHA – AMARGARH



400 KV DC FARAKKA - MALDA PROJECT (RECONDUCTING OF HTLS CONDUCTOR UNDER LIVE LINE CONDITION)



PROJECT UNDER EXECUTION (1/2)

PROJECT UNDER EXECUTION		
S No	Projects	Client
1	TW-21 for Construction of 132 kV lines (i.Roing-Dambuk, ii. Roing-Anini & iii. Tezu-Halaipani)in Arunachal Pradesh	Power Grid Corporation of India Limited
2	Construction of 220 kV Fatehgarh Transmission Line	Renew Power Pvt Limited
3	Construction of 400 kV Bikaner Transmission Line	Renew Power Pvt Limited
4	Construction of 765 KV Bikaner - Ajmer Line Lilo at Bhadla - 2PS associated with transmission scheme for Solar Energy	Power Grid Corporation of India Limited
5	Construction of 765 kV Lakadia - Vadodara (Package-2 & Package-3) Lines	Sterlite Power Grid Ventures Limited
6	400 kV D/C Transmission line from Khurja STPP to Aligarh S/S (PG) under Consultancy Services to THDC India Ltd.	Power Grid Corporation of India Limited
7	TW-02, Diversion work of various Transmission Lines in UP (Ganga Express way crossing)	Power Grid Corporation of India Limited
8	Balance Works of 400 kV D/C Mohindergarh -Bhiwani Transmission Line	Power Grid Corporation of India Limited
9	Construction of 220 kV / 132 kV Transmision Lines in MP on Turnkey Basis (TR-207)	Madhya Pradesh Power Transmission Co. Ltd

PROJECT UNDER EXECUTION (2/2)

PROJECT UNDER EXECUTION		
S No	Projects	Client
10	Construction of 220 kV / 132 kV Transmission Lines in MP on Turnkey Basis (TR-209)	Madhya Pradesh Power Transmission Co. Ltd
11	Construction of 220 kV / 132 kV Transmission Lines in MP on Turnkey Basis (TR-210)	Madhya Pradesh Power Transmission Co. Ltd
12	Construction of 132 kV S/C & D/C Solapur - Ujjaini Transmission Line (ABB/NTPC)	ABB (India) Ltd.
13	Construction of Pkgs-4 (TD-434) : Construction of 132 kV / 220 kV Transmission lines	UP Power Transmission Corporation Limited
14	Construction of 220 kV DC/SC Transmission line for evacuating Power from 300 MW Hybrid Power Project Fatehgarh (Rajasthan)	Adani Transmission Limited
15	Construction of various 132 kV DC/SC Lines on ACSR Zebra Conductor TD-454/20 (Pkg-01)	UP Power Transmission Corporation Limited
16	Design, Testing & Supply of 225 kV S/C TL Towers materials (Burkina Fasco) (JV of MEC & UPTL)	Burkina Faso's National Electricity Society (SONABEL)
17	Design, Testing and Supply of Tower Materials for 330 kV D/C line from KGL IPP Switchyard to Asaba S/S	Power Construction FZE, Nigeria
18	Design, Testing & Supply of tower materials for 225 kV Guinea-Mali project (JV of MEC & UPTL)	PIEGM, Guinea

EXECUTED PROJECTS (1/4)

DOMESTIC

Sl. No.	Projects	Client
1	Construction of +/- 800 kV HVDC Raigarh – Pugalur Transmission Line Part-IX	Power Grid Corporation of India Limited
2	Construction of 765 kV D/C (Hexa Zebra) Dharamjaygarh - Jabalpur - Bina (Pkg-C2 & C2 Extn.) Transmission Line	Sterlite Power Grid Ventures Limited
3	Construction of 765 kV S/C Jabalpur - Bina (Pkg-B) Transmission Line on Turnkey Basis	Sterlite Power Grid Ventures Limited
4	Construction of 765 kV D/C Bhuj - Banaskantha Transmission Line (Part-II)	Power Grid Corporation of India Limited
5	Construction of 765 kV D/C Bhuj - Banaskantha Transmission Line (Part-V)	Power Grid Corporation of India Limited
6	Constructin of LILO of 400 kV D/C Unchahar -Fatehpur Twin Moose at Raibareilly Line	UP Power Transmission Co. Limited
7	LILO of 400 kV DC Ibrahim Patti - Kasaramau (MAU) Line at Rasara SS, ETD8-46/18	UP Power Transmission Corporation Limited
8	400 kV D/C NNTPS–Ariyalur (Villupuram) line & LILO of 400 kV S/C Neyveli TS II–Pondicherry line at NNTPS	Power Grid Corporation of India Limited
9	Construction of 400 kV S/C TL on D/C Tower from PGCIL 400 kV Nalagarh S/S to 400 kV Kunihar S/S (SEED-298/2010)	Himachal Pradesh State Electricity Board Limited
10	LILO of 400 kV S/C Azamgarh - Sultanpur at Tanda NTPS (Stage-II) Transmission Line	UP Power Transmission Corporation Limited

EXECUTED PROJECTS (2/4)

DOMESTIC

Sl. No.	Projects	Client
11	Rerouting of 400kV D/C Ramagundam – Hyderabad Ckt-3 & 4, & Ramagundam – Warangal Line in Ramagundam, Area	Power Grid Corporation of India Limited
12	400 kV D/C Sambha - Amargarh Transmission line on Turnkey basis including LILO Line	Sterlite Power Grid Ventures Limited
13	LILO of 400 kV D/C Vindhyachal - Jabalpur Transmission Line at Rewa Pooling S/S	Power Grid Corporation of India Limited
14	400 kV D/C Quad Line of from 765kV Greater Noida S/Stn to 765/400kV S/Stn Pali on Turnkey basis	UP Power Transmission Corporation Limited
15	Turnkey Construction of 400 kV D/C (Quad) Bhadla - Bikaner Transmission Line	Rajasthan Rajya Vidyut Prasaran Nigam Limited
16	Design, Testing, Supply and Construction of 400 KV D/C (Triple Snow Bird Conductor) Darbhanga - Muzaffapur Line	Pan India Infra Projects Pvt. Limited
17	Construction of 400 kV D/C Kurukshetra - Malerkotla Transmission Line	Pan India Infra Projects Pvt. Limited
18	Construction of 400 kV D/C Purulia - Ranchi Transmission Line	Sterlite Power Grid Ventures Limited
19	Turnkey Construction of 400 kV D/C (Quad) Line Tapping Point to Tuticorin 765/400 kV Pooling Station	Coastal Energen Pvt. Limited
20	Destringing & Stringing of Conductors of 400 kV D/C Farakka - Malda Transmission Line (PGCIL)	Sterlite Power Grid Ventures Limited

EXECUTED PROJECTS (3/4)

DOMESTIC

Sl. No.	Projects	Client
21	Supply of Towers & Construction of 400 kV D/C Vijaywara - Nellore (Part-II) Transmission Line (PGCIL)	Power Grid Corporation of India Limited
22	Construction of 400 KV D/C Gooty - Madhugiri Transmission Line (Part-I) on Turnkey basis	Power Grid Corporation of India Limited
23	Construction of 400 KV D/C Raita (Raipur) - Khedamara (Bhilai) (including OPGW) Transmission Line	Chhattisgarh State Power Transmission Co. Limited
24	Turnkey Construction of 220 kV DCDS Line from Jagdalpur - Barsoor Transmission Line	Chhattisgarh State Power Transmission Co. Limited
25	Construction of LILO of 132 kV Kondagaon - Jagdalpur at Jagdalpur Transmission Line on Turnkey basis	Chhattisgarh State Power Transmission Co. Limited

EXECUTED PROJECTS (4/4)

INTERNATIONAL

S No	Projects	Client
1	Design, Testing, Manufacturing and Supply of 220 KV Ring Main around Khartoum along with substation	Mohan Energy Corporation/National Electricity Corporation, Sudan
2	Design, Testing, Manufacturing and Supply of 225 KV S/C MEC	Mohan Energy Corporation/MEC, Mali
3	Tower Testing, Manufacturing and Supply of 225 KV /C/ MEC Mali	Angelique International/MEC, Mali
4	Manufacturing and Supply of 66 KV Transmission Line Towers	GMMRA, Libya
5	Design, Testing, Manufacturing and Supply of 110 KV S/C Transmission Line Towers in Mozambique	MEC/EDM, Mozambique
6	Manufacturing and Supply of 11KV/33KV Cross Arm & Accessories in Ghana	MEC/Ecosafe Ghana Limited
7	Design, Tower Testing, Fabrication and Supply of 161 kV S/C Transmission line Towers for PBTUP, GRIDCO Ghana Project	Skipper Electricals (ME), Sharjah, UAE

TELECOM PROJECTS

Sl. No.	Name of Project	Client
1	Supply & Installation of Angular tower including templates, bolts, GSM & MW Mounts in Pune (Maharashtra)	Indus Tower Limited
2	Supplying, Installation, Testing and Erection of 40M height towers of wind speed 140 kmph in Wardha District (29 numbers of tower sites).	Bharat Sanchar Nigam Limited
3	Supplying, Installation, Testing and Erection of 40M height towers of wind speed 140 kmph in Amravati District (29 numbers of tower sites).	Bharat Sanchar Nigam Limited
4	Manufacturing, Supply and Painting of Telecom Towers	Independent Mobile Infrastructure Private Limited (IMIL)
5	Supply, Erection and Painting of TELECOM towers in various parts in the State of Orissa	Hutch Essar Limited
6	Supply of Anchor Bolts etc for various District in Madhya Pradesh	Telecommunications Consultants India Ltd. (TCIL)
7	Supply, Erection and Painting of TELECOM towers in the State of Orissa	Hutchison Essar Limited

CONTACT US

- **HEAD OFFICE**

Unitech Power Transmission Limited

3rd Floor, Unitech House, L-Block, South City-I, Gurgaon, Haryana (122 006) India

Phone: +91 - 124 – 4571000

Fax: +91 - 124 – 4002690

E-mail:marketing@uptl.co.in

- **WORKS**

A-33, MIDC Industrial Area, Butibori, Nagpur, Maharashtra 441108 INDIA

Phone: +91 -7104 - 265457 / 58 / 59

Fax: +91 -7104 – 265441

E-mail: works.uptl@uptl.co.in

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