

Maharashtra, Madhya Pradesh, Delhi and Orissa. We have a capacity of executing about 200 sites currently and we are in the process of expanding our operations shortly into other states of the country to render our extended services to our clients. We have executed turnkey projects of TSP model of our esteemed clients TTML and AP Police Communications. Kadevi is having fully trained engineers, project coordinators and skilled technicians to execute the site works of Ground Based Towers, Roof Top Towers and Pole Mounts in accordance to the timelines of the customers.

Kadevi has formed a separate EPC & TSP division structured with 250 people exclusively focusing on Project Management. This division is having offices and warehouses in 6 states and fully structured with lalsoning cell, material department, survey department, civil engineering department, electrical engineering department and Installation department with professional managers and engineers thoroughly trained to meet the highest standards of quality and timelines and will execute the project as per the customers' specifications.



ISO 9001-2008 & BS OHSAS 18001-2007  
CERTIFIED COMPANY

**KADEVI**  
Serving the nation since 1984...

## Scope of Work

- Site Soil / Structural Survey and foundations design
- Site layout and drawings
- Approvals from local statutory bodies or municipal authorities
- Construction of Tower, Shelter & DG Foundation and other related civil works viz. Site Levelling, Access Road, Guard Room, Fencing, Compound Wall, Security Gates
- Tower Supply, Erection and Painting
- Earthing Systems
- Supply & Installation of Shelters
- Indoor and Outdoor Electrical Works including Installation of Lightning Arrestors and Aviation Lamps
- Supply and Installation of Active Infrastructure items like Power
- Supply and Installation of Active Infrastructure items like Power Plant, PMUs / PIUs / PSUs, A/Cs, DGs, Batteries
- Site Monitoring System
- EB Liaisoning for power connection at sites

## Design Capability

### Tower Design

Kadevi is in the field of structural design, manufacture, galvanizing, supply and erection of Towers and other antenna supporting



## Telecom EPC & TSP

## Branches:

Mumbai, Pune, Chennai, Bhubaneswar,  
Bangalore, Delhi & Thiruvananthapuram



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## Kadevi Industries Limited

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## Profile

Kadevi was established in 1964 and started as a small scale in industry manufacturing Communication Antennas and Pneumatic Telescopic Masts. Subsequently the company further expanded its wings into various divisions.

Our core strength lies in the team of experienced professionals focusing on creating state-of-art products and ensuring customer service through the application of a wide range of engineering disciplines. Our engineers adhere to strict customer specifications in all our services.

### Manufacturing Divisions

- Towers & Galvanising
- Telescopic & Guyed Masts
- Antenna Systems
- Steel Rolling Mill
- Fasteners
- AC Generators
- DC Generators

### Service Divisions

- Transmission & Distribution
- Tower Installations
- EPC & TSP

Kadevi has rapidly grown to a large scale industry in just 3 years time and have received several awards and became pioneer in all the areas. Today the company is having a 1000 plus manpower

Kadevi is one of the leading companies for the engineering design and fabrication of steel structures. We have strong hold in the market, captured in a very short span of time because of well-knit, well-structured move of the partners technically advanced in house latest manufacturing facilities. Design, delivery of quality and cost effective products to clients in time is our motto.

Kadevi is one company which is having a rare combination of full scaled infrastructure under one roof with a state of art in house facilities right from manufacturing of steel sections, fabrication of towers & structures, Hot dip galvanizing and high tensile fasteners at Ankireddypally plant. These facilities will ensure the delivery commitments and also will have the complete control on quality.

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## Telecom EPC & TSP

Kadevi is expanding its horizon into the Engineering Procurement and Constructions (EPC) and Total Solution Provider (TSP) arena. EPC provides you with complete turnkey solution for construction of any tower site right from the government approvals to the RFI of the site. Having years of experience in Design, Engineering & Manufacturing along with well equipped production facilities Kadevi is confident of meeting client's requirements. Kadevi is committed to build sites with desired quality, meeting delivery deadlines, at competitive prices.

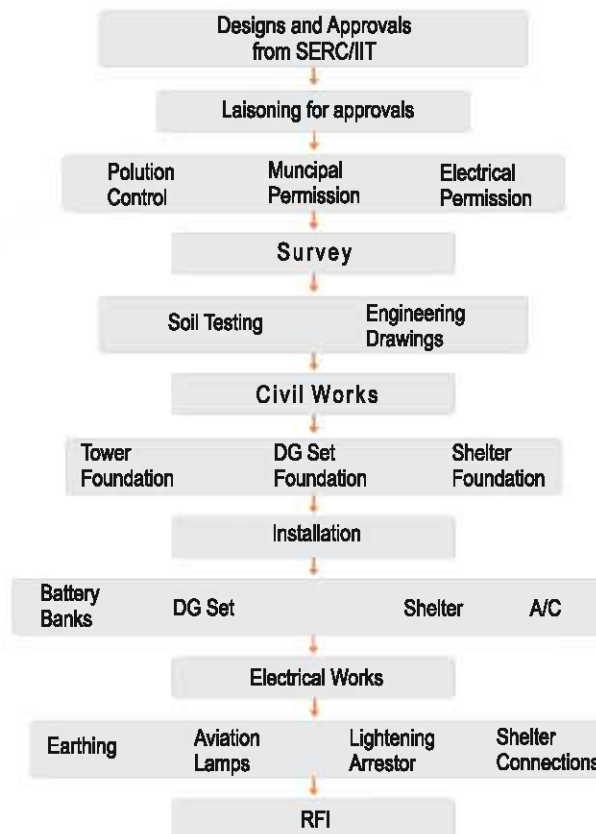
The most critical part of the site is the tower, for which Kadevi has established its name in the industry. Kadevi has a supply capacity of 1000 towers per month of various designs and to various clients across and outside the country. The remaining components of the site like the DG, Shelter, Air conditioner, SMPS, Battery bank, PIU, etc are outsourced.



### Flow Chart

- Tower design including obtaining SERC/IIT approvals.
- Liaisoning for approvals – Electricity Board/Pollution Control Board/Municipal Committee
- Detailed site survey – Soil testing/engineering drawings
- Civil Works – Tower foundation/ DG foundation/ Shelter foundation.
- Installation – Towers/DG/Shelter/Air conditioners/Battery banks
- Electrical – Earthing/Aviation lamps/Lightening arrestor/shelter connectivity/cable connections
- RFI – Handing over to client for BTS installation

### Flow Chart



We have our warehouses/branch offices currently in Andhra Pradesh, Tamil Nadu, Karnataka, Maharashtra, Madhya Pradesh, Delhi and Orissa. We have a capacity of executing about 200 sites per month currently and we are in the process of expanding our operations shortly into other states of the country to render our extended services to our clients. We have executed turnkey projects of TSP model of our esteemed clients TTML and AP Police Communications. Kadevi is having fully trained engineers, project coordinators and skilled technicians to execute the site works of Ground Based Towers, Roof Top Towers and Pole Mounts in accordance to the timelines of the customers.

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## Design Capability

### Tower Design

Kadevi is in the field of structural design, manufacture, galvanising, supply and erection of Towers and other antenna supporting structures for which KEC is fully equipped with state of art structural analysis and design tools. The design office is equipped with computer aided design and drawing facilities.

KADEVI has a team of experienced structural designers along with other skilled staff capable of designing and manufacturing towers of height up to 150m with the help of CAD/CAM tools meeting the requirements of customer. Finite element based analysis is carried out for design of towers.

Software like STAAD Pro/NASTRAN are available with us for structural design and analysis of all types of communications Antenna Supporting structures including foundations. The drawing work is done using Auto-CAD 2008 software package. The design office is equipped with the latest output devices like printer and plotters. and analyzed using finite element software. The tower is idealized as three-dimensional structure. Tower members are modeled as one dimensional, two noded truss elements having 3 degrees of freedom at each node. The tower is designed to withstand wind load, antenna loads and other gravity loads.

