

COMPANY PROFILE



Introduction

CAD SOLUTIONS are a leading CAD Production and Project Management Office in Mumbai, India.

We provide Electrical, Mechanical, Building Services, Architectural, Civil and Structural AutoCAD support for Company, International Design and Engineering Consultants.

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Highly skilled CAD Technicians, Engineers, and high speed Internet Infrastructure, Low ManPower Cost make the Indian an attractive choice for outsourcing CAD Drafting Services to assist your existing AutoCAD drawing production team.



**“Providing CAD Support
To Clients Globally”**

CAD SOLUTIONS

About Us

CAD SOLUTIONS provide a High Quality, Cost Effective, Flexible and Reliable AutoCAD service.

Working from our offices based in Mumbai, India, we can offer both General CAD drawing production and complete Man Power Management for your CAD projects.

1) General CAD Drawing Production

- **Highest Quality** CAD drafting work first time every time
- **Cost Effective** CAD resources when you need them
- **Fast Turnaround** of drawings to meet deadlines
- **Flexible & Reliable** pool of qualified staff always available
- **Simple & Secure** transfer of files between offices

2) Complete CAD Project Management

- **Drawing Setup** - Titleblocks, layers, blocks, external references, viewports, matchlines, numbering and drawing titles all managed by *CAD SOLUTIONS*.
- **Quality Assurance** - Procedures are controlled and coordinated by our Q.A Manager. *CAD SOLUTIONS* documentation ensures the successful flow of information both in-house and between Client offices

“Solving Your
AutoCAD
Outsourcing
Requirements”



Advantages

Expenditure and Flexibility

- Save 60-70% on your In-house CAD Costs
- Fixed Low Cost Hourly Rate & Monthly Rates
- Flexibility to pay for manpower whenever required
- Pay for Draftsmen only when you need them
- Pay only for Man Hours used
- Never Pay Overtime Rates Again
- No Costly Recruitment Costs

Office Overheads

- No Costly Annual Software Subscriptions
- No Annual Computer Hardware Upgrades or Maintenance
- Lower Office Energy Consumption Cost
- Vast Reduction in Paper Usage
- Huge Savings in Printer Consumable Costs

Meet Critical Deadlines

- Utilise the advantage of time zone difference, resulting in a 24 hour service
- Reduced turnaround time for projects

CAD Standards

- Australian, British and US CAD Standards
- Degree Qualified CAD Technicians
- Highly Proficient with CAD Software
- Quality Checks Performed by *CAD SOLUTIONS*

CAD SOLUTIONS Infrastructure

- Windows server 2003 Secure Network
- Hardware and Software Firewall
- Daily Back Up including Remote Offsite Cloud Backup (International projects)
- Regular Hardware Updates
- Latest Versions of CAD Software



Experience

CAD SOLUTIONS have extensive experience on large scale fast track projects of Asia, Australia, Canada, Europe, Middle East, New Zealand, UK & USA.

Our in-house Quality Assurance procedures ensure all drawing packages are competently checked prior to returning to you.

We produce drawings for Consultancies and Practices Worldwide, conforming to Client CAD Standards and specific Project Requirements.



Project Capabilities include:

- Airports
- Banks
- Bridges
- Casinos
- Cell Sites
- Chain Stores
- Clinics
- Commercial
- Data Centres
- Earthworks
- Distribution
- Golf Courses
- Government
- Healthcare
- Heritage
- Highways
- Hospitals
- Hotels
- Housing
- Industrial
- Infrastructure
- Interior Design
- Laboratories
- Local Council
- Medical
- Motorways
- Nightclubs
- Planning
- Prisons
- Public Utilities
- Rail
- Residential
- Resorts
- Retail Parks
- Roads
- Schools
- Shopping Malls
- Site Layouts
- Space Planning
- Sports / Leisure
- Stormwater
- Supermarkets
- Survey Data
- Telecoms
- Tower Blocks
- Tunnels
- Universities
- Wastewater / Water

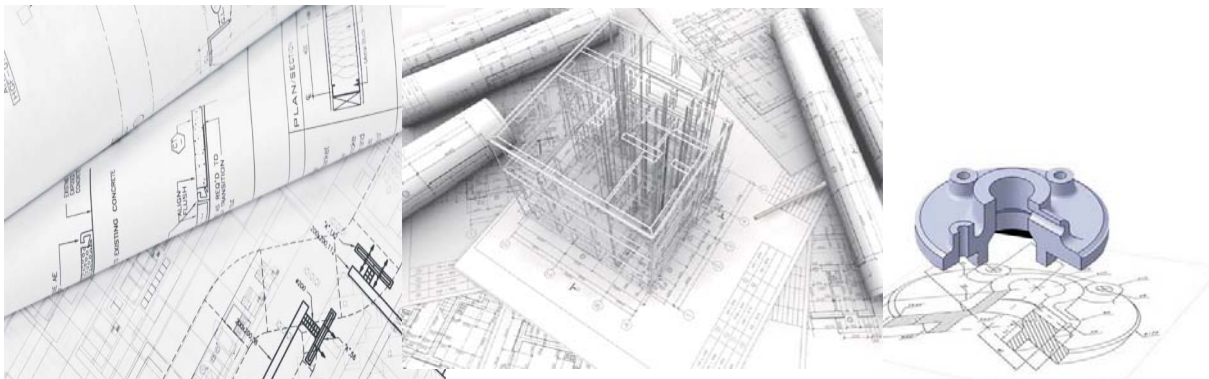
TEAM SPIRIT

CAD SOLUTIONS



Services

- AutoCAD drawings created from Architect's or Engineer's Mark Ups
- CAD Conversion for Architectural, Civil, Structural, Mechanical, Electrical, Plumbing, Paper to CAD, Raster to Vector
- Project Management of CAD Projects from Start to Finish
- M&E Combined Services Drawings
- Concept & Scheme Design, Design Intent, Design Development, Tender Drawings, Construction Issue and As Built Record Drawings
- Survey Data CAD Conversion for Plans and Building Elevations



Electrical

- Circuiting and Containment
- Data
- Fire Alarms
- Lightning Protection
- Luminaire Layouts
- Security
- Schematics

Mechanical

- Boiler Houses & Plantrooms
- CHW, HWS & Gas
- Domestic Water Services / Drainage
- Fire Sprinklers
- Public Health and Sanitation
- Schematics / P&ID

Architectural, Civil & Structural

- Elevations / Plans / Framing Plans
- Infrastructure Layouts
- Raised Flooring
- RC Detailing
- Sanitary Sewer Systems
- Sections and Details
- Stormwater Drainage and Flood Control
- Survey Data CAD Conversion

Working with Us

The transfer of data and effective communication with our clients is very straight forward. The two most popular CAD projects are as follows:

1) From Client mark ups

- Client generates hand mark ups in the usual manner
- The mark ups are scanned (pdf or jpg) and uploaded to our FTP site together with any relevant CAD files
- We download them from the FTP and make the amendments
- The finished drawings are thoroughly checked in our office
- We upload completed drawings to FTP site
- You download the completed drawings from the FTP

2) Paper to CAD Conversion

- For Existing Paper Drawings or Scans (e.g Archived As-Built drawings), this is effectively a tracing exercise. The paper copies can be scanned, uploaded and then we create a 100% dimensionally accurate CAD file.



Secure and Reliable Data Transfer

Our FTP server uses high-quality HP ProLiant and Dell PowerEdge servers, as well as Cisco and Foundry firewalls and routers.

With extensive back-up power, multi-layered security, and network redundancy, our FTP is certain to be online 99.9% of the time.

HP ProLiant in-house Network File Servers with 1 No. primary internet connection and 2 No. additional internet connections with separate service providers. This redundancy provides a safeguard ensuring uptime 24/7.
Working with Us



Our Pricing

Contact Us

Costs

Our hourly & Monthly rate is a fixed price covering all drawing disciplines. Please email us for this rate. Each package is priced upon the number of man hours required to complete. Initially, Clients will send a package and we will issue a price quote by email within 1 day. We then proceed with the drawings upon approval of the quotation.

When a working relationship has been established, our Clients are happy for us to proceed with drawings immediately, prior to receiving a price quote. This allows us to complete drawings within 24 hours in order to meet tight deadlines. The quote will be sent with the completed drawings the next day.

Method of Payment

- CAD SOLUTIONS will send an Invoice at the end of each calendar month.
- The Monthly Invoice will list all works packages completed in that month.
- Payment can be made by Online Bank Transfer / Cheque .
- We upload completed drawings to FTP site
- Payment is required within 15 days of receiving the invoice.

Thane

Room 002
Ashoka Apartment,
Nr.Samudra Hotel,
Luiswadi,
Thane (W)-400 604.
Maharashtra
India

Navi Mumbai

AL4/3/4,
Sector-5,
Ashtabuja Apt.,
Airoli,
Navi Mumabi -400 608.
Maharashtra
India

International Projects

Managing Director: Manish M. Nayak

Asian Projects

CAD Production Manager: Sangeeta M.Nayak

Office Tel: +91 022-32089151

MobileTel: +91 9820697878 / 9320697878

+91 9322220449 / 9324524709

Email: info@cadsolutions.in

infocadsoln@gmail.com

Office Hours

Monday to Saturday 9:00 to 18:00

India time zone is GMT +5.30 hours

TEAM SPIRIT

CAD SOLUTIONS

