



ADDRESS:

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ABOUT US

JMA Engineering Services is a company founded by Mr Arun Sawant, Post Graduate Civil Engineering professional with more than 25 years' experience in Civil, Structural & Infrastructure design and Construction Management. The company aims to offer a service where quality, efficiency and value are key fundamentals.

JMA deliver Civil Engineering and Project Management Services to a wide range of clients including state and local government, construction companies, land and property developers and allied professional practices.

The areas of work undertaken by the company are

- ✓ **Civil & Structural Design**
 - **Buildings and Industrial Structures**
 - ✓ **Infrastructure Design**
 - **Roads, Bridges & Highways**
 - **Storm Water drains & Sewerage network**
 - **Water Supply pipeline network**
 - ✓ **Geotechnical Engineering**
 - **Foundation System design – Machine Foundations, Storage Tank Foundations**
 - **Earth retaining structures**
 - ✓ **Proposal & Detail Engineering - Oil & Gas Projects**
 - ✓ **Project & Quality Management**
 - ✓ **Occupational Health & Safety Management**
 - ✓ **Structural Audit & Non-Destructive Testing**
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SERVICES



CIVIL & STRUCTURAL DESIGN: RCC and Steel

Structural design of Commercial, Residential buildings & Industrial Structures.

- Quantity takeoff from Tender / Construction drawings.
- Post construction Quantity reconciliation.
- Reinforcement detailing, Bar Bending Schedules & Rebar quantity optimization



INFRASTRUCTURE DESIGN: Design of Infrastructure

Networks for townships

- Roads, Bridges and Highways
- Storm Water drains
- Sewerage network
- Water Supply pipeline network



GEOTECHNICAL ENGINEERING: Foundation systems

design and analysis, Storage Tank foundations, Earth retaining structures, Slope stability & Soil Investigation



PROPOSAL & DETAIL ENGINEERING - OIL & GAS/

INDUSTRIAL PROJECTS: Proposal / Pretender activities and Detailed Engineering for Civil, Structural & Infrastructure works i.e. Pipe-racks, Sleepers, Plant & Non-plant buildings, Storage Tank foundations, Dykes, Machine foundations, etc.



PROJECT & QUALITY MANAGEMENT: Consulting

services for Design, Project Schedule, Quality & Billing Management



STRUCTURAL AUDIT: Structural audits of RCC & Steel

structures to assess health of structure. Non-destructive & destructive testing of structures.

CLIENTS

- Mumbai Metropolitan Region Iron & Steel Market Committee, Kalamboli, Navi Mumbai
- Constructora Sanjose GVK Projects and Technical Services Pvt. Ltd, Navi Mumbai International Project
- TOYO Engineering India Pvt. Ltd. Mumbai
- Mumbai Metropolitan Region Development Authority Mumbai
- City & Industrial Development Corporation Ltd Navi Mumbai
- Public Works Department, Maharashtra
- GMD Consultants, Navi Mumbai
- Hi Media Laboratory Pvt Ltd, Ambarnath
- Indo Baijin Chemicals Pvt Ltd Dahej Gujrat
- B.G. Shirke Construction Technology Ltd. Pune
- Pioneer Structcon Pvt. Ltd. Mumbai
- Blue Star Construction Co. Navi Mumbai

List of Projects

- **Investigation and Load ability study of the ROB and river bridges for ODC movement of 500MT**
 - **Investigation and Analysis of failure of RCC Retaining wall and earthen embankment** for The Kings Club Private Limited, at Godavari Riverside near Savarkar Nagar Gangapur Road, Nashik
 - **Design of Office Building** of M/s Blue Star Construction Co. At Jasai Tal. Uran, Navi Mumbai
 - **Occupational Health & Safety Management for the land development of Navi Mumbai International Airport Project Package-IV**
 - **PMC for construction of Service Road “B”, Storm Water Drainage & Street Lighting Works at Kalamboli, Navi Mumbai** (Client- Mumbai Metropolitan Region Iron & Steel Market Committee, Kalamboli, Navi Mumbai /Mumbai Metropolitan Region Development Authority)
 - **PMC for construction of Service Road “C”, Storm Water Drainage & Street Lighting Works at Kalamboli, Navi Mumbai** (Client- Mumbai Metropolitan Region Iron & Steel Market Committee, Kalamboli, Navi Mumbai /Mumbai Metropolitan Region Development Authority)
 - **PMC for construction of Service Road “H”, Storm Water Drainage & Street Lighting Works at Kalamboli, Navi Mumbai** (Client- Mumbai Metropolitan Region Iron & Steel Market Committee, Kalamboli, Navi Mumbai /Mumbai Metropolitan Region Development Authority)
- Design of Minor Bridges, CD Works and misc. Structural works for Detailed Project Report for package PN-08 Improvements to SH - 143 to Vizor- Nimgaon- Pillve- Itaki- Dighanchi- Atpadi- Shetfale- Kole- Ghatnadre- Kavathemahankal- Belanki- Miraj- Arjunwad-**

List of Projects

Narsobachiwadi- Herwad to state Border Road, SH - 153, Km 41/100 to 81/900 & Km 96/100 to 195/600, Dist. Sangli (Client- GMD Consultants for Executive Engineer, Public Works Division, Miraj, PWD Maharashtra)

- **Design of Minor Bridges, CD Works and misc. Structural works for Detailed Project Report for package PN-09 Improvements to Top - Wadgaon - Shigaon - Ashta - Tasgaon - Bhivghat - Atpadi - Dighanchi Road, SH - 151, Km 0/00 to 127/950** (Client- GMD Consultants for Executive Engineer , Public Works (West) Division, Sangli , PWD Maharashtra)
- **Design of Minor Bridges, CD Works and misc. Structural works for Detailed Project Report for package PN-10 Improvement to Vita Peth Malkapur Anuskura Satavali Pavas SH-150 (section District Border to Anuskura District Border) km 0/00 to 84/00 Dist.-Sangli (km 0/00 to 83/700 Dist.-Sangli) (Length -76.8 km & b. Improvement to Vita Peth Malkapur Anuskura Satavali Pavas SH-150 (section District Border to Anuskura District Border) km 84/400 to 133/400 Dist.-Kolhapur (km 83/700 to 133/400 Dist.-Kolhapur) (Length -49.7 km)** (Client- GMD Consultants for Executive Engineer , Public Works (West) Division, Sangli , PWD Maharashtra)
- **Preparation of documentation and report** on handing over utility services, road network in Panvel and Kalundre node from CIDCO to Panvel City Municipal Corporation (PCMC).
- **Design of Road Pavements of factory premises for Hi Media Laboratory Pvt Ltd, Ambarnath** (Architects-M/s R.V. Dalvi & Associates)

List of Projects

- **Review & Design of Road Pavements of factory premises for Indo Baijin Chemicals Pvt Ltd Dahej** (Architects-M/s R.V. Dalvi & Associates)
- **Geotechnical Investigation for multistory building at Oshivara, Mumbai.** (Client- B.G.Shirke Construction Technology Ltd. Pune)
- **Infrastructure Design (Roads, Storm Water Drains , Retaining walls & Ponds) for Bhimashankar Hills Project of 32 no. Forest Houses at Bhimashankar** (Client- Dharati Resorts Pvt. Ltd. Mumbai)
- **GPS Survey work for MCGM Mumbai** (Pioneer Structcon Pvt. Ltd. Thane)

RESOURCES

■ Human Resources

We are close-knit organized team that consists of driving, dynamic and talented achievers. Among us are highly experienced and skilled professionals in field of Geotechnical, Structures, Infrastructure design and Occupational Health and Safety Management as lead. Their experience ranges from 5 to 30 years. We have a talented and dedicated team of more than 11 Engineers and CAD professionals.

■ Software

i. Structural Analysis:

- Midas Gen 2015
- Build Master 2015

ii. Operating Systems and Office Suite:

- Windows 10
- Office 365
- WPS Office

iii. Drafting :

- Draft Sight 2018

■ Hardware

- PC – 4 Nos
- Laptop – 3 Nos
- Printers – 4 Nos