



aarvee associates
architects engineers & consultants pvt. ltd.



ARCHITECTS | ENGINEERS | CONSULTANTS



About Us

Aarvee Associates Architects Engineers & Consultants Private Limited (Aarvee Associates) is a premier multi-disciplinary engineering consulting company, with its corporate office located at Hyderabad in India. The company, which was established in 1989, now has a pan-India presence, with a branch office in New Delhi and several project offices in all the major states across the country.

In addition to over 1,000 successful assignments in India, we have carried out projects in Bangladesh, Sri Lanka and several African countries. We have worked on projects funded by various international agencies including the World Bank, the Asian Development Bank (ADB), the Department for International Development (DFID), and Japan International Cooperation Agency (JICA).

With over 900 highly qualified and experienced staff, our expertise spans all the major civil engineering disciplines and infrastructure sectors. We also have a full-fledged material investigation laboratory and excellent in-house survey capabilities, both of which add considerable value to our work.

With a single-minded focus on exceeding client expectations, our work is characterized by unwavering commitment, utmost reliability, exceptional quality, and on-time delivery.



HIGHWAYS & BRIDGES

A modern and efficient road network is an essential component of a nation's infrastructure, and an important prerequisite for sustained economic growth. Over the past few years, India has been making great strides in improving its highway infrastructure, and we have been a part of this transformative process from its very beginning. In the last twenty years, we have provided consultancy services in more than 150 highways projects with a total road length of over 20,000 km.

Services

Feasibility Studies and Detailed Engineering Services

Construction Supervision

Independent Engineer's Services

Pre-bid and Detailed Engineering Services for PPP/BOT Projects

Key Projects

Detailed Engineering Services for the Hyderabad Outer Ring Road, Andhra Pradesh

Detailed Engineering Services for Interchanges in Mumbai, Maharashtra

Independent Engineer's Services for Palanpur-Swaroopganj section of NH 14, Gujarat

Detailed Project Report for Road Connectivity from Owendo Port to SEZ (24km), Gabon



RAILWAYS & METRO RAIL

In the face of increasing energy prices, railways have re-emerged as a relatively attractive means to transport both passengers and freight. Growth in the sector has also been fuelled by the growth of the extraction and processing industries, and developments in the power sector.

Having designed of over 2,700 kms of railway siding and overseen the development of another 1,000 km of railway track from concept to commissioning, we are now one of the largest and most innovative consulting firms in this field in India. In addition to various engineering services, we also liaise with the relevant agencies of the Indian Railways to obtain the necessary approvals for railway projects.

Services

Reconnaissance Surveys/Conceptual Plans/Feasibility Reports

Detailed Project Reports

Detailed Engineering and Pre-bid and Post-bid Assistance

Project Management Consultancy Services

Detailed Design - Bridges, Structures, Viaducts and Stations

Loco and Wagon Related Services

Metro Rail - Studies & Design

Key Projects

Design for the Restoration of the Railway Line from Omanthai to Pallai, Sri Lanka

Concept Design and Detailed Design Consultancy for the Gurgaon Rapid Metro Rail Project, Haryana

Project Management for the third line of Bina-Ganj Basoda-Sanchi-Habibganj Section of Bhopal Division under West Central Railway, Madhya Pradesh

Techno-economic Feasibility Study, Survey, Social and Environmental Impact Assessment and Design for the Construction of the New Broad Gauge Railway Line between Ishurdi and Dhalarchar via Pabna, Bangladesh



PORTS

Most of the movement of commodities and manufactured goods between countries takes place over the sea, making well-designed and efficient ports critical to a country's industrial growth. The Government of India has recognized the crucial role that ports play in facilitating international trade and commerce, and is actively pursuing the upgradation of the country's existing ports, and the creation of new ones.

Our expertise in the ports sector includes port and terminal feasibility studies, port planning, and container terminal planning and design.

Services

Feasibility Reports

Detailed Project Reports

Lender's Engineer Services

Key Projects

Preparation of Techno-economic Feasibility Report for the Development of a Port at Astaranga in Puri District, Orissa

Lender's Engineer Services for a Solid Cargo Port Terminal Project at Dahej for Adani Petronet (Dahej) Port Private Limited in Gujarat

Lender's Engineer Services for the Development of the Deep Water Port at Krishnapatnam (Phase I) in Andhra Pradesh



& WATER RESOURCES & IRRIGATION

In a country where a majority of the population makes a living from agriculture, it is difficult to overstate the importance of irrigation. Starting with consulting services for an irrigation project involving twin dams at Tirumala in Andhra Pradesh, India, we have now grown to become one of the country's foremost consultants in the sector.

We provide consultancy services in the execution of large irrigation and hydropower projects involving the construction of canals, barrages, pipelines, and associated structures.

Services

Conceptual Plans, Feasibility Report and Detailed Project Reports

Pre-Tender Engineering Services

Detailed Design Engineering Services

Design Proof Checking

Construction Supervision

Key Projects

Detailed Designs for the Bhima Lift Irrigation Project – Lift II (Stages 1&2), Andhra Pradesh

Detailed Engineering Consultancy Services for the Chagallu Barrage across the Pennar River, Andhra Pradesh

Detailed Project Report for the PV Narasimha Rao Kanthanapally Sujala Sravanthi Project for Irrigating 0.34 Million ha, Andhra Pradesh

Detailed Project Report for Sripada Sagar Project for Irrigating 0.18 Million hectares of Ayacut and Providing Drinking Water to En route Villages by Lifting 43.5TMC of Water, Andhra Pradesh



& ENVIRONMENT, WATER SUPPLY & SANITATION

Making adequate quantities of clean and safe water available to a rapidly growing populace is one of the greatest challenges facing India's central and state governments and local bodies in this century. At the same time, they must also work to minimize or mitigate the detrimental impact of industrial development and population growth on the environment.

Understanding the scope and magnitude of the problem, we have built up significant expertise and experience in these sectors over the years, and are now able to formulate reliable, innovative, sustainable – and in some cases, award-winning - solutions to these problems. We provide consultancy services in water supply, waste water treatment and water recycling projects, and also offer services in environmental engineering, risk management and disaster management.

Services

Conceptual Design Reports, Master Plans and Comprehensive Detailed Project Reports for:

Water Supply

Underground Drainage

Stormwater Drainage

Third Party Quality Assurance & Control

Environmental Engineering Services

Key Projects

Detailed Project Report for Flood Alleviation & Mitigation and Design of Macro Drainage, Micro Drainage and Waterways for Chennai City (173.60 sqkm), Tamil Nadu

Third Party Quality Assurance and Quality Control Services for Water Supply Improvements Scheme, Underground Drainage Scheme, Stormwater Drains, Roads and Solid Waste Management for 44 ULBs under UIDSSMT (GOI Programme), Andhra Pradesh

Detailed Project Report for Integrated Water Supply Project for 1,513 Villages and 27 Towns of Dewas, Ujjain & Shajapur Districts from the Narmada River, Madhya Pradesh



ARCHITECTURE & BUILDINGS

The planning, design and construction of a building determines the quality of the environment within it. Keeping this in mind, every building we design, whether it is a mall, a supermarket, a hospital or a sports stadium, is built around the needs of the people who will use the building.

Over the years, we have provided consultancy services in the planning, design and construction of several retail, leisure and entertainment, commercial, residential, industrial, hospitality, sports and healthcare complexes.

Services

Planning and Feasibility Reports and Detailed Project Reports

Architectural Drawings

Structural Design and Drawings

Estimation and Costing

Project Management Consultancy Services and Construction Supervision

Key Projects

Planning and Design of an International Standard Shooting Range and Rehabilitation of Existing Stadiums at Different Locations in Hyderabad, Andhra Pradesh, for the National Games 2002

Architectural and Design Services for the Hidayatullah National Law University at Raipur, Chattisgarh

Planning and Design of the Security Police Lines at Bapudham, New Delhi



URBAN PLANNING

With more and more people migrating to urban areas, the infrastructure in India's towns and cities is coming under increasing strain. Increasing urbanization also creates its own share of environmental and ecological challenges. In this context, the consultancy services we provide to the central and state governments and various local bodies are critical in ensuring the healthy and well-planned growth of our urban agglomerations.

Our urban planning division offers planning solutions, using the latest geospatial tools and techniques, to meet the basic development requirements of government agencies and urban local bodies.

Services

- Master Plans and Zonal, Regional and District Development Plans
- City Development Plans
- Slum Free City Development Plans
- Traffic Management Plans
- Traffic Impact Assessment

Key Projects

- Preparation of a Master Plan for the Sri Satya Sai Urban Development Authority, Andhra Pradesh
- Preparation of General Town Plans for Nellore, Andhra Pradesh
- Comprehensive Traffic Study for Mahaboobnagar Town, Andhra Pradesh
- City Development Plan for Kotma and Pasan Towns, Madhya Pradesh



GEOSPATIAL SERVICES

We offer a wide range of geospatial services to both government and private sector clients. Our expertise in the conceptualization, design and development of robust, scalable and customized geospatial solutions has made us a preferred service provider in various engineering verticals.

Services

Interpretation of Satellite Imagery

Creation of Base Maps and Land Use Maps

Development of Web-GIS Applications and Customization of GIS Applications

Digital Photogrammetry

Network Models, Digital Cost Models, TIN and GRID Analysis

Cadastral Mapping and Land Information Systems

Key Projects

Development of WebGIS for a Master Plan Pertaining to the OST Almed Corridors Redevelopment Authority (COH TIRZ #7), Houston, U.S.A.

Integrated Water Supply System Simulation and Design for HMWS&SB, 12 Outer Municipalities, Hyderabad, using GIS, EpaNET and Google Earth Pro

GIS-based Master Plan for Sri Satya Sai Urban Development Authority, Andhra Pradesh

Preparation of GIS-based Decision Support System for the Nagarjunasagar Command Area including the Left and Right Banks, Andhra Pradesh



SURVEY

Reconnaissance Survey – Walk-through/Inventory

Establishment of GC Points and Primary, Secondary and Tertiary Benchmarks

Alignment Survey – Exploration of Alternate Alignments

Engineering Survey – Roads, Reservoirs, Canals, Water Supply and Sewerage Projects

Topographical Survey – Collection of Ground Features/Grid Levels

Catchment Survey – Ridge/Valley Contours

Ayacut Survey – Grid levels, Valley/Ridge Contours and Ground Features

Cadastral Survey – Property Lines and Land Areas

Hydrographic Survey – River LS/CS, FRL, MWL

Final Location Survey – Alignment Stakeout and Resetting



GEOTECHNICAL & MATERIAL TESTING

A Wide Range of Testing Facilities for Soil, Rock, Cement, Concrete, Coarse & Fine Aggregate and Bitumen, Fulfilling Most Civil Engineering Requirements including Shear Parameters, Consolidation Parameters, Permeability and Swelling Characteristics of Different Types of Soils.

Field Investigations including FDD, and Pavement Analysis by BBD and Bump Integrator.

Geotechnical and Construction Solutions like QA-QC, Ground Improvement Techniques, and Stability Analysis including Reinforced Soil Walls for all Civil Engineering Purposes.

Wide Range of Modern Geotechnical and Material Testing Machinery/Equipment/Accessories.

Test Procedures and Techniques Adhering to IS, BS, AASHTO & ASTM Standards.

EMPANELMENT

We are empaneled with various government and other agencies.

Indian Railways (14 Zones)

Konkan Railway Corporation Ltd. (KRCL)

Rail Vikas Nigam Ltd. (RVNL)

National Thermal Power Corporation Ltd. (NTPC)

Ministry of Road Transportation & Highways (MoRTH)

Mussorie-Dehradun Development Authority

Chhattisgarh Housing Board

Telecommunications Consultants India Ltd.

Gujarat Infrastructure Development Board

NayaRayapur Development Authority

State Bank of India (SBI)

Directorate of Urban Land Transport, Karnataka

Bruhat Bangalore Mahanagara Palike

Dedicated Freight Corridor Corporation of India Ltd. (DFCCIL)

Directorate of Urban Administration and Development, Madhya Pradesh

Irrigation & CAD Department (I&CAD), Andhra Pradesh

Tamil Nadu Urban Infrastructure Financial Services Ltd. (TNUIFSL)

Andhra Pradesh Urban Finance & Infrastructure Development Corporation (APUFIDC)

Jawaharlal Nehru National Urban Renewal Mission (JNNURM)

Urban Development Department, Government of Maharashtra

Department of Urban Development, Housing and Local Self Government, Government of Rajasthan



SELECTED CLIENTELE

Aditya Cement

Andhra Pradesh Industrial Infrastructure Corporation (APIIC)

Andhra Pradesh Municipal Development Project (APMDP)

Andhra Pradesh Urban Finance & Infrastructure Development Corporation Limited (APUFIDC), Hyderabad

Andhra Pradesh Urban Services for the Poor (APUSP), Government of Andhra Pradesh

Bangladesh Railway

Central Public Works Department (CPWD), New Delhi

Dedicated Freight Corridor Corporation of India Limited, New Delhi

Department of Water Resources, Government of Orissa

Directorate of Town and Country Planning, Government of Andhra Pradesh

ESPA Corp, USA

Greater Hyderabad Municipal Corporation, Hyderabad

Hyderabad Growth Corridor Limited, Hyderabad

Hyderabad Metro Water Supply & Sewerage Board (HMWS&SB), Hyderabad

Irrigation & CAD Department, Government of Andhra Pradesh

Jindal Steel & Power Limited, Orissa

KMC Constructions Limited, Hyderabad

Krishnapatnam Port Company Limited (KPCL), Andhra Pradesh

Nagarjuna Construction Company Limited, Hyderabad

National Highways Authority of India, New Delhi

Navayuga Engineering Company Limited, Hyderabad

NMDC Limited, Hyderabad

Public Health Engineering Department, Bhopal, Madhya Pradesh

Punjab Land Records Society, Chandigarh

Rail Vikas Nigam Limited, New Delhi

Ramky Infrastructure Limited, Hyderabad

Reliance Power Limited, Noida, Uttar Pradesh

SEW Infrastructure Limited, Hyderabad

Sports Authority of Andhra Pradesh, Hyderabad

Sri Satya Sai Urban Development Authority, Puttaparthi

Survey Settlements and Land Records, Andhra Pradesh

Tirumala Tirupati Devasthanams, Tirupati, Andhra Pradesh

Urban Administration and Development Department, Government of Madhya Pradesh



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