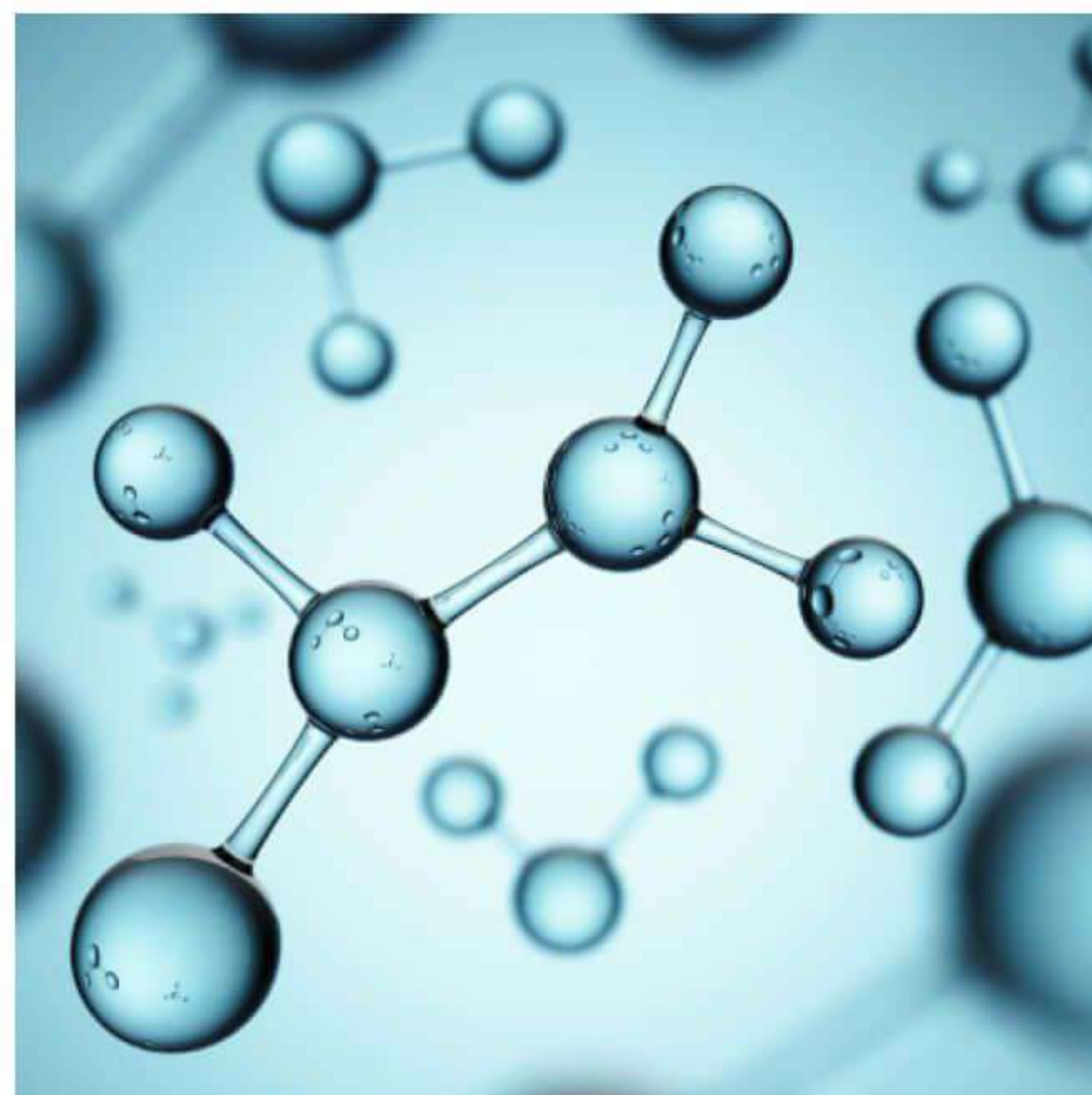
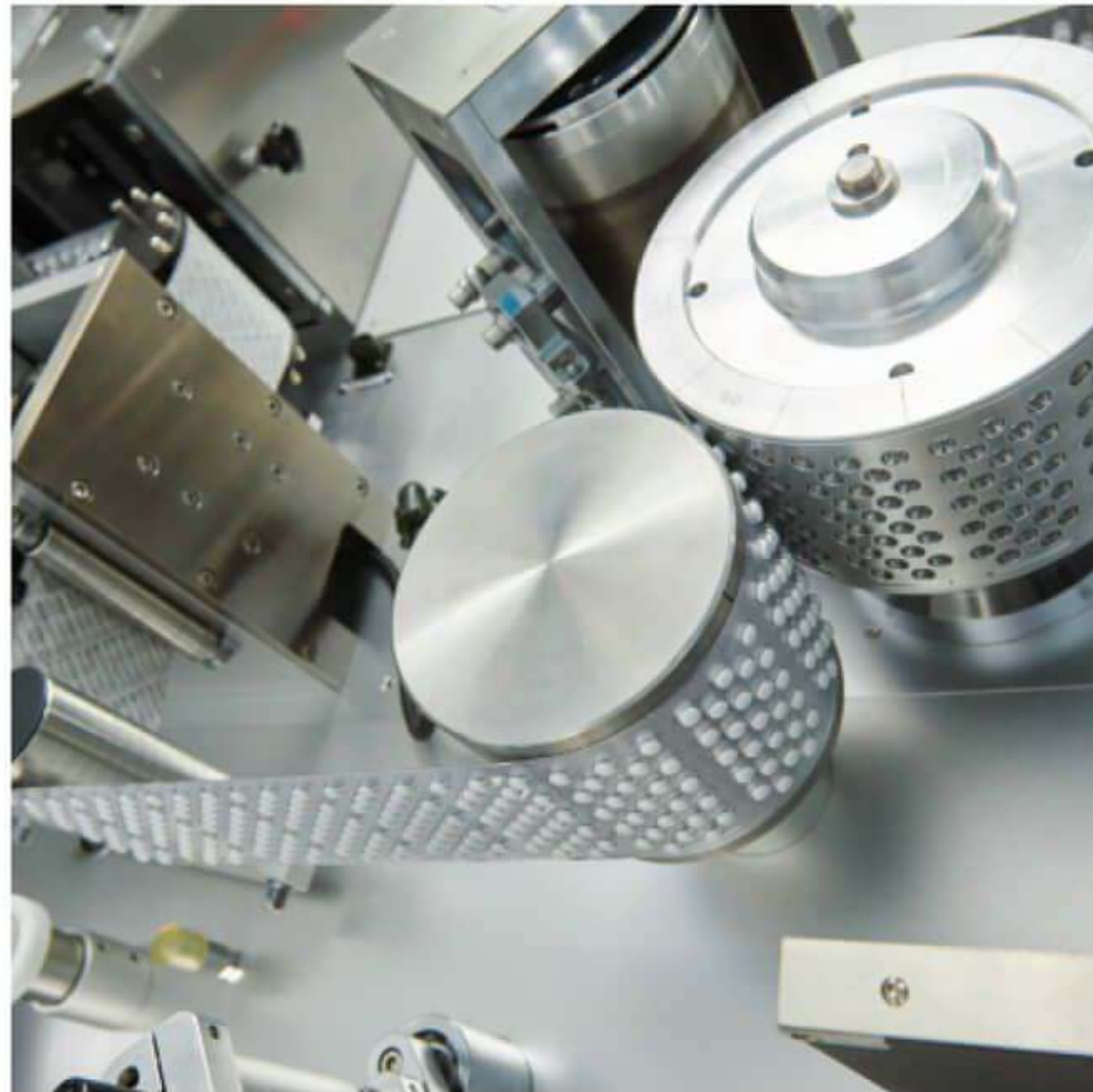


CHEMICAL | LIFE SCIENCES

PACKAGING & WAREHOUSING | AGRO PROCESSING



Aevitas
Engineering Excellence

We Are

Founded in 1986, Aevitas Pharmagro Tech Pvt. Ltd., is one of the leading engineering companies in India. The company provides engineering, procurement, construction management, validation, compliance and related technical services to chemical, life sciences, agro industries and infrastructure development facilities.

Vision

To be the most sought after company with high caliber and empowered people.

Mission

Delivering high quality, on time, cost effective engineering solutions to pharmaceutical, agro, infrastructure and other high technology industries anchored on ethics and sustainability.

Why Aevitas



EXPERIENCE & EXPERTISE

A combined work force of more than a hundred highly qualified resources with industry specific knowledge and experience in Pharma – (Formulations, bio-pharma, HPAI, API) Chemicals, Agro-Food and R&D.

Our growth strategy is anchored on a platform of experience, innovation and vision, which allows us to respond to the changing needs of clients and markets.

Aevitas has delivered projects in emerging industrial locations and in leading and cutting-edge industrial communities. We are equipped to deliver tailored, out-of-the-box technical and sustainable solutions aligned with international best practices and trends.

We have an extensive experience with FASTTRACK project delivery which includes Engineering, Procurement, Construction Management and Validation (EPCMV).



UNDERSTANDING OF LOCAL AND INTERNATIONAL REGULATORY REQUIREMENTS

We incorporate a risk based approach to compliance and provide internal compliance support during all project stages from concept to commissioning as per current industry and statutory regulations. We are familiar with guidelines and standards of USFDA, MHRA, EMA, EUGMP, ICH Q7A, ISPE and other regulatory bodies.

Our project experience includes segregation, containment, open / ballroom designs, multi-level & multipurpose designs, isolated and closed-system designs, modular and planned expansion designs.



SPEED OF EXECUTION AND RESPONSIVENESS

For every engagement we provide a single point contact (SPoC) to each project regardless of the size. The SPoC is supported by an in-house, inter-disciplinary team which helps in improving efficiency, providing a highly focused, cost-effective delivery and ensuring a low turnaround time.



INNOVATIVE APPROACH TO PROJECT MANAGEMENT

Aevitas has set the pace for innovation in project management and control with its *Comprehensive and Integrated Project Management System*. This approach can be used to define, plan, monitor, and control engineering, procurement, and construction of projects of any type, size and complexity. Aevitas has a unique distinction of successfully implementing this approach to all types of mandates.

“ We are intimately familiar with global best practices and bring these into play for the Indian market. ”



COMMITMENT TO HEALTH SAFETY AND ENVIRONMENT

Aevitas is committed to the safety, health and overall well-being of not just its own employees but also its clients and the community.

We maintain exceptionally high standards of safety, health and environmental protection in our designs and at the construction sites we manage. Within these standards, we are committed to delivering time bound projects backed by best-in-class service support.



CLIENT FOCUSED APPROACH

We understand the challenges each client faces when it comes to modernization, global competition, energy utilization and statutory/regulatory expectations. We endeavor to help companies across various industries move into the future and develop facilities that create products in a most efficient, cost effective and time bound manner.

We have successfully completed several hundreds of projects since inception. Over 80% of our business comes from repeat clients – a testimony to the quality of our service and our client focused approach.

Services On Offer

Aevitas offers the complete range of engineering services from concept to commissioning. These include architectural design, process architecture & automation, facility engineering to project/construction management, commissioning, validation and compliance. This complete scope of project services provides additional depth to the range of technical services available to the clients.

Pre – Project Activities

GAP analysis
Site assessment surveys
Due diligence
Preliminary Project Planning
Evaluation of Technologies
System Studies
Cost Estimation
Feasibility & Concept Study

Design Engineering Activities

Master Planning
Basic Engineering
Detailed Engineering
Design Calculations and Drawings
System Interface Design

Design Visualisation

3D Modeling of Building, Equipment & Services
Realistic Visualization
Integrating Models into Photographs
3D Animation & Virtual Visits

We provide Equipment and Systems Interface Design for seamless integration of plant operations from raw material to finished goods

Procurement Assistance

Enquiry Specifications
Techno-commercial Bid Analysis
Vendor Drawing Review
Procurement Monitoring and Expediting
Stage-wise Inspection (FAT)

Project Management

Integrated Engineering, Project and Construction Management (EPCM)
Project Management Consultancy (PMC)
Lump Sum Turn Key (LSTK)
Project Integration, Scope, Time, Cost, Resource and Risk Management

Handover

Trouble Shooting and Construction Support
Documentation
Contract Close-out
Future Upgradation

Commissioning, Validation and Qualification

Compliance, cGMP
Audits, Training
VMP, Protocols, SOP
IQ /OQ /PQ and FAT /SAT
Process /Computer /Cleaning Validation
EDR and Impact Assessments

Construction Management

Communications Management
Material, Labour Resource Planning
Safety and Site Logistics
Sub-Contracting Local Forces
Change Control & Reporting
Pro-Active Build Clean Program
QC and Progress Tracking

"We can be engaged at any point during the lifecycle of the project and can provide all services, bundled or unbundled."

Our Strengths

Our people are our biggest strength
We have an in-house team of more than a hundred highly motivated, skilled and committed inter disciplinary professionals.

Flexibility in approach
Besides having an ability to fast track projects, we are ever-ready to embrace change and challenge the status-quo.

3D design and visualisation capability
We have leveraged advanced software and hardware to deliver highly accurate, well-coordinated designs and visualization in 3D.

cGMP/GLP facilities expertise
Aevitas has kept pace with the ever changing regulatory needs of Pharma and Agro sector and have used the depth of regulatory knowledge and foresight to design facilities for the future.

Lean and value added engineering
Our just-in-time and fit-for-use approach helps clients leverage cutting-edge technology and solutions that fit best in the value-chain.

Strong local presence
We are familiar with area specific regulations and challenges – in engineering and in local influencing forces. We have developed a strong supplier and contractor base that can be mobilized as per the project needs.

Global reach
We are able to execute multi-location projects by bringing various stake holders on a common web-based platform.



Our Expertise

With Pharmaceutical and Agrofood industry remaining our core competence for over 3 decades, we have developed expertise to cater to other allied high technology sectors like Chemical, Consumer goods, Electronics and Semiconductors.

We combine core engineering and project management expertise along with strong domain specific knowledge to offer customised solutions that create "best-in-class" infrastructure for a wide spectrum of industrial space.

Bulk Pharmaceuticals

- Active Pharmaceutical Ingredients (API)
- High Potent API
- Non-sterile, Sterile and Aseptic
- Hormones, Steroids, Oncological and Peptides
- Pilot Plants and Scale-up



Agrofood

- Food and Food Ingredients
- Bottling and Canning Lines
- Breweries/ Distilleries
- FMCG



Pharmaceuticals

- Solid Dosage
- Liquids, Creams and Ointments
- Sterile Products and Injectables
- Aerosols
- Hormones, Steroids and Oncological
- Diagnostic and Medical Devices



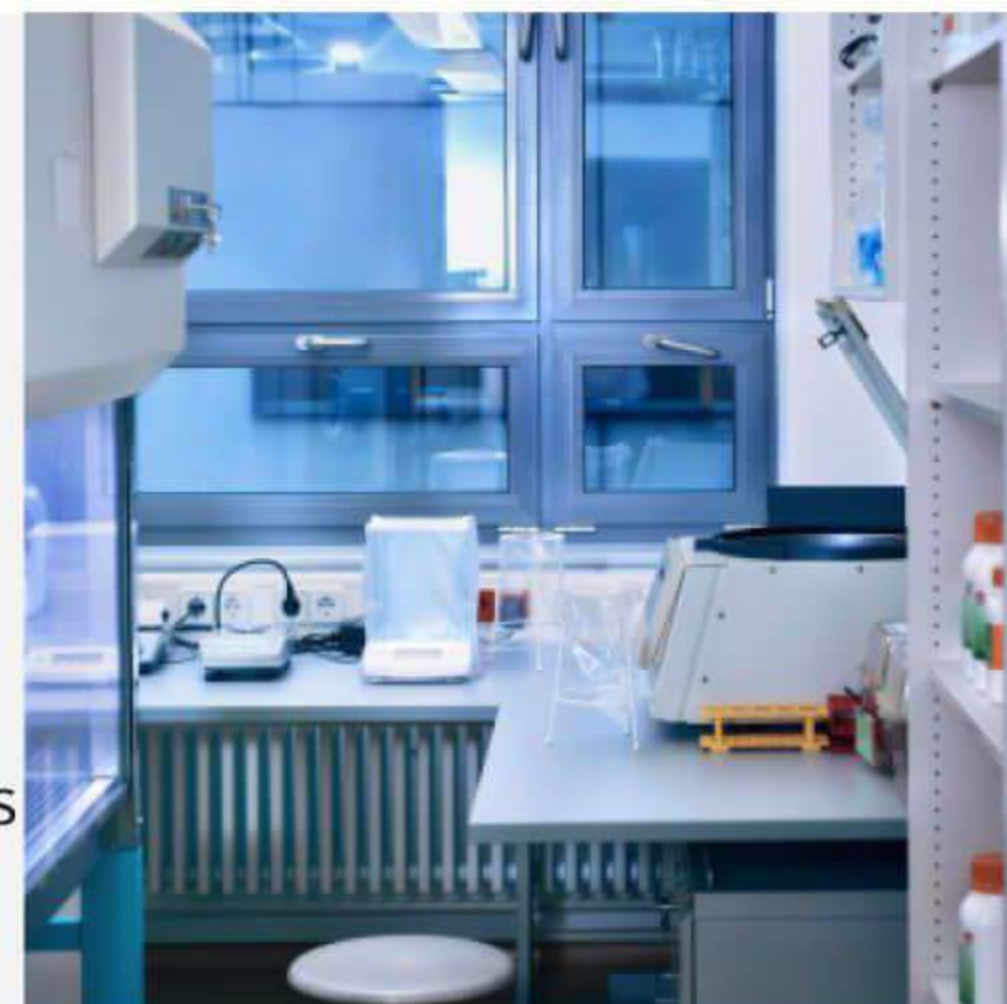
Chemicals

- Fine and specialty chemicals
- Aroma Chemicals
- Agro Chemicals
- Organic and Inorganic Chemicals
- Hydrogenation, Bromination, Chlorination



Research and Development

- Product Development Laboratories
- Quality Operations – QA/QC/Microbiology
- High Containment – BSL I, II, III and Band I-IV
- Animal Testing labs
- Chemical and Analytical labs
- Kilo Lab and Scale-up



Biotechnology

- Biopharmaceutical Drug Substances
- Herbal extracts
- BSL I, II, III Facilities
- Blood Products
- Vaccines



Packaging and Warehousing

- Fill and Finish
- Bottling and Blister Packing
- Material Handling and Conveying
- Automated Packing Lines
- Mobile and Fixed Racking Warehouses
- ASRS -Automated Storage and Retrieval Systems
- AGVs – Automated Guiding Vehicles
- Silos, Pallets and Bins
- Dock levelers and IOTs



Aevitas offers concept to completion expertise that covers all facets of GLP\GMP facility design and embraces the total project approach.

We Help Clients



Set up world class manufacturing facilities



Leverage technology



Create sustainable infrastructure



Maximize utilization of assets



Reduce CAPEX and OPEX



Maintain compliance with regulatory framework



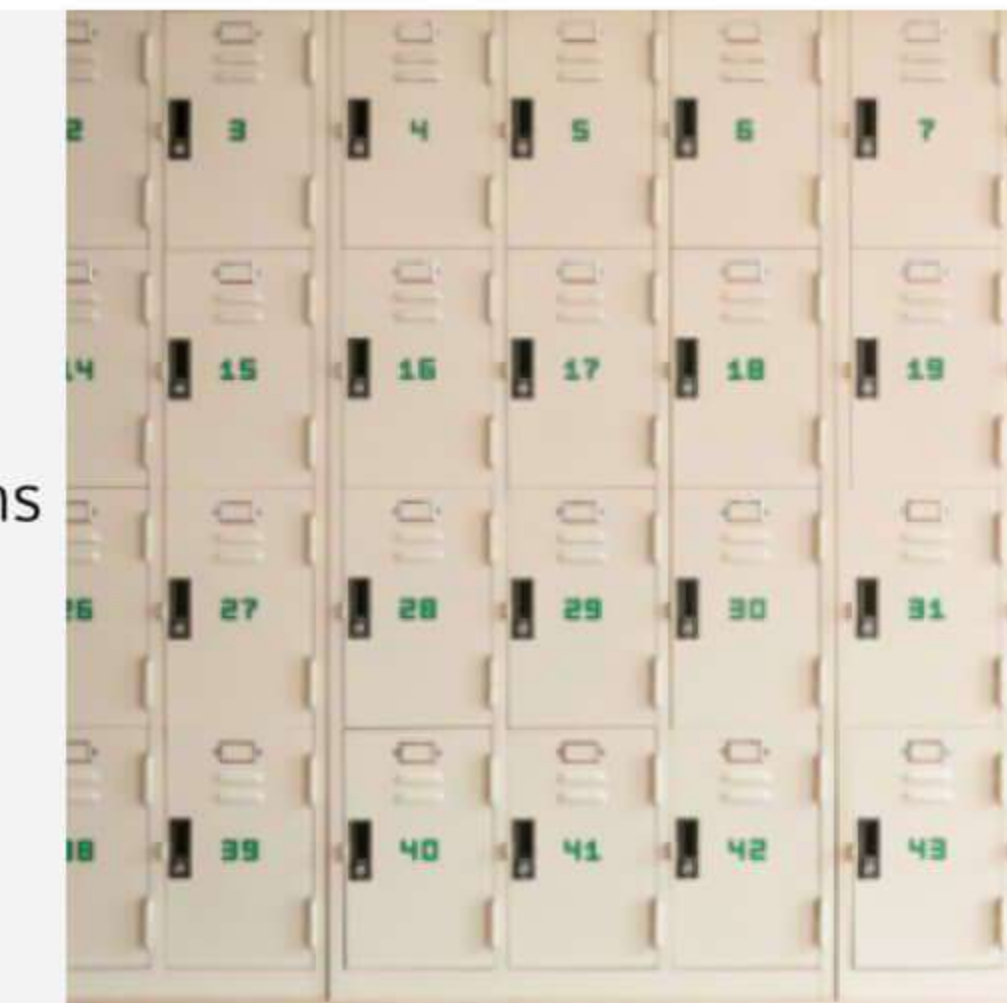
Analyze and mitigate risks



Gain competitive edge

Office and Ancillary

- Administration and Management
- Conference Rooms and Training Centres
- Lockers and Change Rooms
- Cafeteria and Break Areas
- Archives and IT Facilities



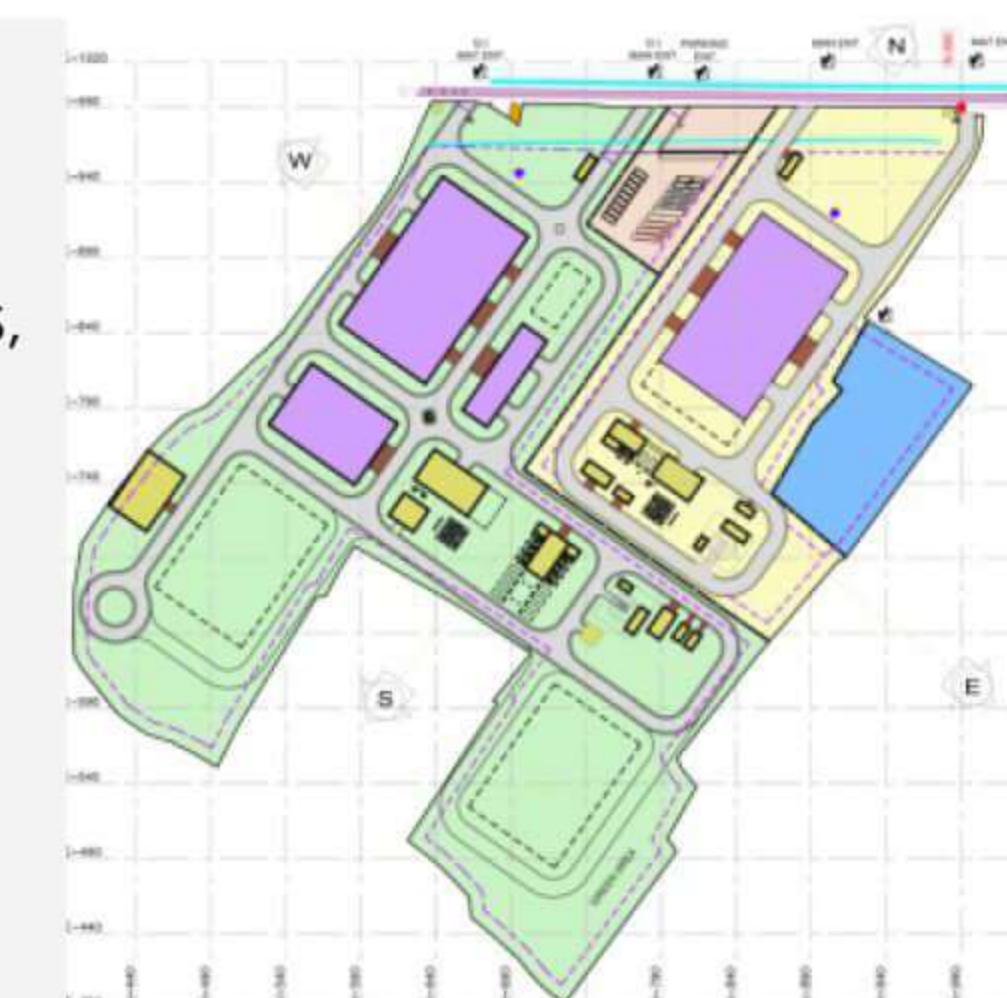
Utilities and Infrastructure

- Civil and Structure
- Plant Services; MEP
- Clean Utilities & Gases
- Effluent Treatment; Solid, Liquid, Gas
- Emergency Back-Up Systems, HT substations and Cogeneration
- IT; Voice/Data/Security
- Building Automation and Controls
- HAZOP and FMEA



Site Development

- Master Planning & Programming
- Plot Infrastructure – Roads, Drains, Landscaping, Rain water Harvesting
- Vehicular Flow & Parking
- Personnel Access/Egress
- Growth and Future Expansion



SOLUTIONS THROUGH PARTNERSHIP

The engagements we have won are a testimony to our client service and expertise.

ACTIVE PHARMACEUTICAL INGREDIENTS

SAI Life Sciences – Bidar, Karnataka

Aevitas leveraged its expertise in API and project management to provide basic engineering, cost estimate, detailed engineering, project management and construction management for multipurpose API, clean room (designed as per USFDA, EU, GMP, WHO guidelines), warehouse, canteen, ETP and solvent storage.



FORMULATIONS / VACCINES

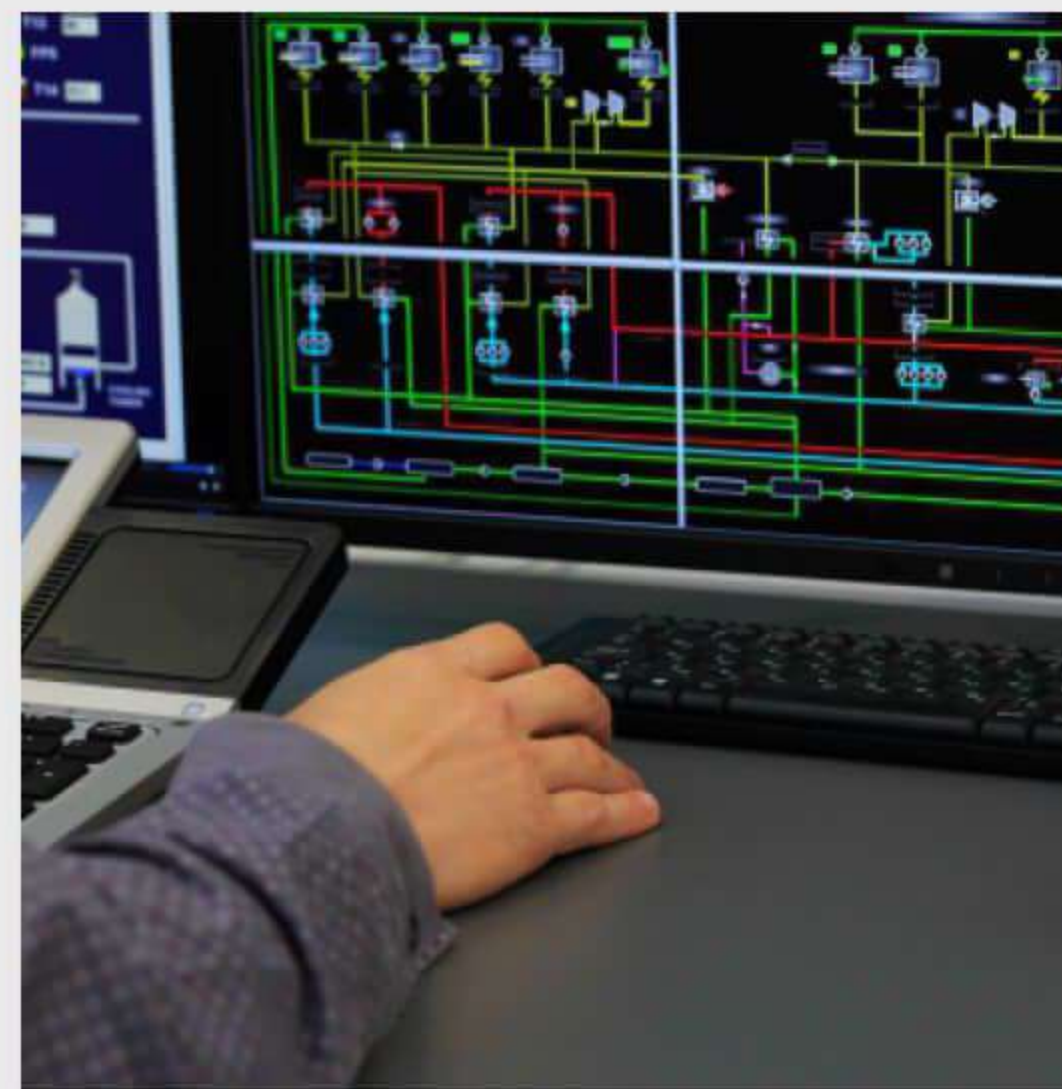
Glenmark – Nashik, Maharashtra

Aevitas's mandate included GAP analysis, feasibility study, basic and detailed engineering by revamping and expansion of existing manufacturing unit to house lines for liquid, powder, semi-solid, shampoo, lotion & OSD manufacturing, warehouse, QC, admin and a new utility block.



Dr. Reddy's – Vizag, Andhra Pradesh

Aevitas's mandate included providing basic and detailed engineering for High Potent API plant. Dispensing, charging, filtration & drying, loading & unloading, milling, sifting, blending and packing operations carried out in contained manner using flexible and fixed isolators.



The Acme Laboratories – Munshigonj, Bangladesh

The facility comprises of multipurpose API manufacturing with kilo lab, pilot plant, warehouse and R&D labs, hydrogenation, utilities, tank farms, solvent recovery and plot infrastructure. Aevitas provided basic engineering, master planning, detailed engineering, procurement assistance and validation documentation for the green field facility.



Serum Institute of India – Hadapsar, Pune, Maharashtra

Aevitas collaborated with Serum Institute for the 8 bulk vaccine and fill-finish projects. They involved process layout, detailed engineering of utility design, piping, HVAC, electrical & instrumentation for human vaccines facilities. All state-of-the-art facilities are compliant with the standards laid down by MHRA, USFDA, EUGMP, WHO.



Pidilite Industries – Vizag, Andhra Pradesh

Pidilite had set up a green field adhesive manufacturing facility for which Aevitas was mandated to do basic engineering, master planning, cost estimate, detailed engineering and construction management. The proposed facility has a fully automated infrastructure from raw material to manufacturing with formulation, packing and finished goods storage with ASRS warehouse.



DRT Anthea Aromatics – Roha, Maharashtra

The association with DRT Anthea involved their aroma chemical manufacturing plant. Aevitas has provided basic engineering, detailed engineering, project management and construction management of 5 manufacturing blocks with dedicated utilities, ZLD ETP, plot infrastructure in existing facility. All buildings are in PEB construction and project has been designed in 3D.



SAI Life Sciences – Shameerpet, Telangana

The mandate for the project comprised of detailed engineering and plot infrastructure for state-of-the-art R&D block. The chemical and analytical R&D block comprises of fume hoods to be integrated with the HVAC. It also involved engineering for a delivery block for pilot scale intermediates along with utilities, ETP, fire hydrant system and necessary plot infrastructure.



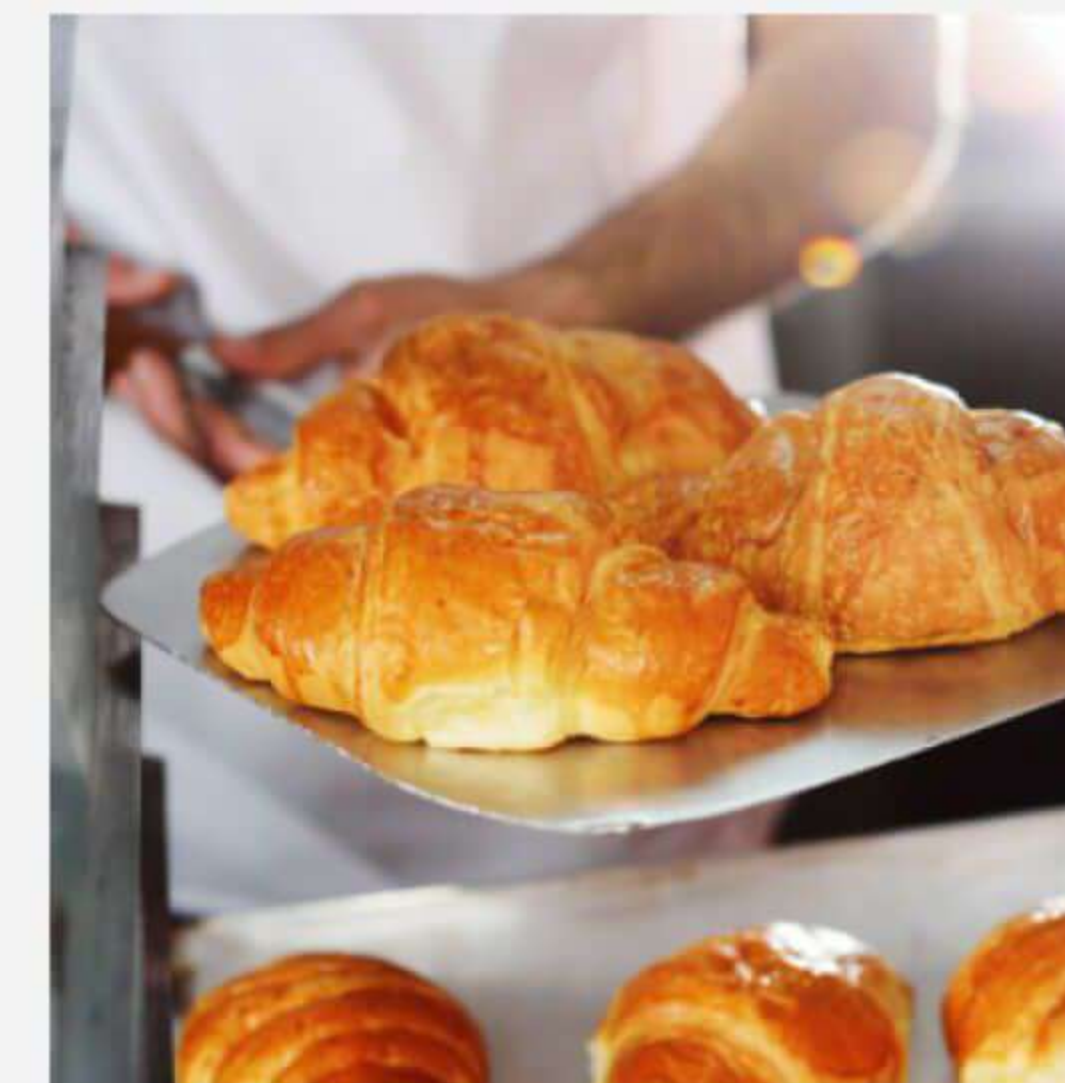
Serum Institute of India – Manjiri, Pune, Maharashtra

Aevitas has partnered with Serum Institute for engineering of animal house facility spread over two floors at their facility in Manjiri. It houses guinea pigs, rabbits, mice, rats under controlled environment conditions. The facility provides ecosystem for day/night cycles through automation of HVAC, lighting etc.



Bauli – Baramati, Maharashtra

Bauli has set-up a croissant and cakes manufacturing facility. Aevitas provided design review and customization as per Indian standards, detailed engineering, project management and construction management for the first phase which included 2 manufacturing blocks in PEB construction, associated utilities, gases, warehouse, substation, LPG storage area and admin block.



ITC – Guntur, Andhra Pradesh

Aevitas was engaged for the master planning and basic engineering of the green field integrated spices facility which shall have special GMP processing area for sterilized products, packaging and ASRS warehouse.



INDUSTRIAL/CHEMICAL

R&D

AGROFOOD

OUR COMMITMENT



QUALITY SERVICE

We make sure that our service is of the finest quality. We are backed by a team of skilled and experienced professionals with exposure to international standards of engineering and a commitment to exceptional client service.



ETHICAL INTEGRITY

We keep our word, treat everyone with respect, act with moral and intellectual integrity and confidentiality. We value our and our clients' reputation.



ON SCHEDULE DELIVERY

We strive to the best of our ability to complete the project in the stipulated time frame. We value our clients' time and understand the importance of completing things as per the schedule with satisfying results.



BUDGET COMPLIANCE

Budget compliance is the litmus test for success or failure of a project. We ensure project requirements are accurately identified and documented, and a close watch is kept on the budget throughout the life of the project, with necessary corrective actions in case of deviations.



RESPONSIVENESS TO CLIENTS' NEEDS

Clients appreciate companies that understand their needs. We listen to our clients and come up with innovative, value-added and cost effective solutions to their problems leveraging on the hundreds of years of collective experience that our team possesses.



SERVICE SUPPORT

We have a can do attitude, with a willingness to go that extra mile. We believe in collaborative effort and ownership of each project. The hand holding continues even after the completion and handing over of the project in the form of trouble shooting and upgradation of projects.



Our Clients

API & Chemicals



Formulations & Injectables



Bio-Pharma



Agro Food



R&D





AEVITAS PHARMAGRO TECH PVT. LTD.



6th Floor,
Mirchandani Business Park,
Sakinaka, Andheri (East),
Mumbai - 400 072, India.



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