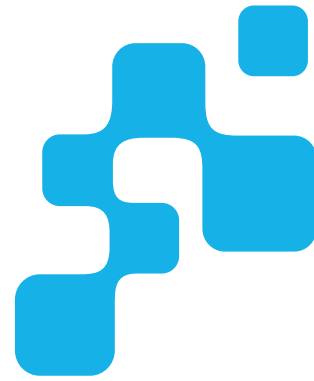
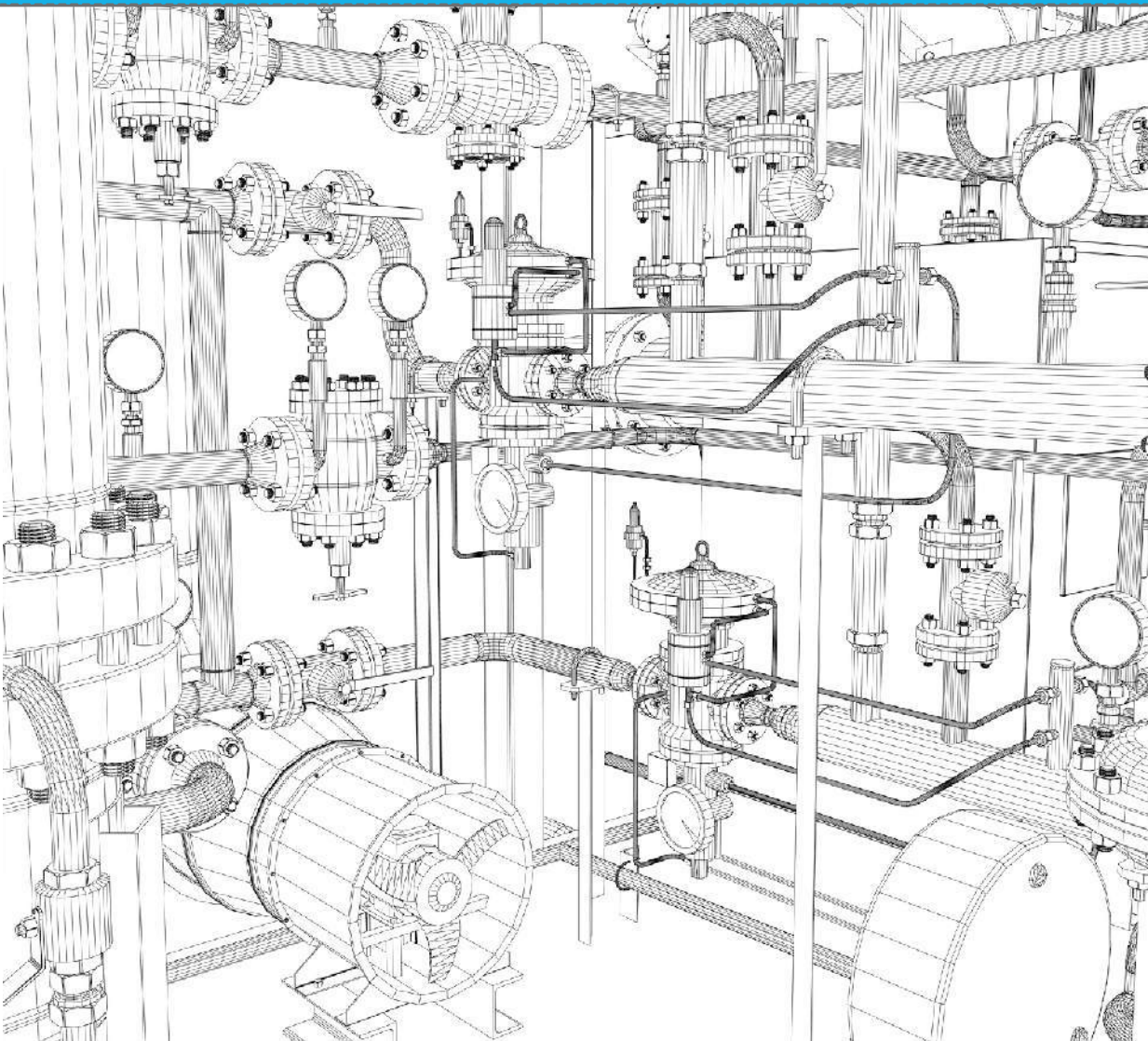




J.D. PHARMA CONSULTANTS®

# PHARMACEUTICAL CONSULTING SERVICES AND BEYOND

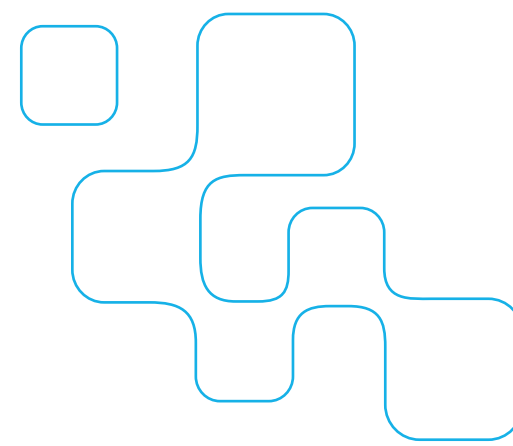
YOUR TRUSTED PARTNER FOR PHARMACEUTICAL PROJECTS





# CORE COMPETENCE

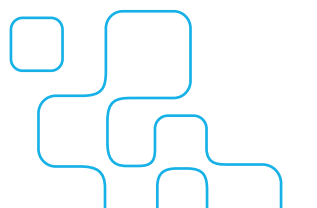
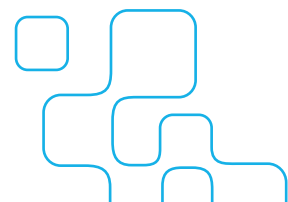
Our experience ensures we excel in our areas of core competence and is pivotal to our success, yet we invest considerable time and resources ensuring our team keep up to date with the latest developments and training.



## CORE COMPETENCE

With experience of consulting and setting up over 30 pharmaceuticals, we understand the nuts and bolts of project design and management at both micro and macro level. We specialize in all key pharmaceutical products, including, but not limited to, Injectables, Liquid Orals, Solid dosages, Powders & Ointments and APIs.

			 <p><b>LARGE VOLUME PARENTERALS</b></p>
	 <p><b>SOLID DOSAGES</b> TABLETS   CAPSULES</p>		 <p><b>SMALL VOLUME PARENTERALS</b></p>
<p><b>OINTMENTS</b></p>		 <p><b>LIQUID ORALS</b> SYRUPS   SUSPENSIONS</p>	 <p><b>DRY POWDER</b></p>
		<p><b>API</b></p>	
<p><b>MEDICAL DEVICES</b></p>		<p>Every segment brings its own set of challenges and overcoming these challenges over the years has resulted in considerable knowledge and development of tools to help us derive metrics to ensure reduced exposure to unexpected and unforeseen challenges that lead to increase in the project cost and timelines.</p>	
	<p><b>ONCOLOGY PRODUCTS</b></p>		



# OUR SERVICES

- Pharmaceutical Plant layout designing as per regulatory norms of USFDA, MHRA, TGA, WHO GMP, cGMP, Schedule-M.
- Man & material flow drawings.
- Machine Placement drawing
- Site plan with indication of proposed pharmaceutical plant, expansion plan, utility block, administration block etc.

## PLANT LAYOUT DESIGN

- Architectural & Structural drawings of plant building.
- Preparation of Bill of quantity(BOQ) & estimate
- Specifications for floor, wall & ceilings in plant.
- Specifications for clean room partition panels
- Preparation of tender documents, call of tenders, tender evaluation, selection of vendors

## CIVIL DESIGN

- Design Engineering of complete electrical distribution in plant.
- Drawing & designing of high tension yard (HT yard)
- Single line diagram (SLD) of electrical panels, earthing, Cable specification, cable tray layout.
- Prepare specification for motors, clean room light fittings, cables (LV & HV) panels, push button station, socket outlets, substation equipments.
- Prepare drawings for transformers, DG sets, MCC,PCC, LDBs, motors, cables, VFDs, UPS etc.
- Preparation of electrical tender documents, call of tenders, Tender evaluation.

## ELECTRICAL ENGINEERING

- Designing of safety plans required for plant safety, product safety, personal safety, spill / dust contaminants measures, gaseous contaminants measure, static electric discharge etc.
- Preparation of design philosophy for fire/ smoke detection and fire protection system.
- Designing for fire fighting systems & fire water tank, hydrants system & water sprinkler system.

## PLANT SAFETY ENGINEERING

- Plant productivity based machinery selection
- Preparation of User requirement specification (URS) of machinery, lab instruments & utilities
- Preparation of tender documents, call of quotation, selection of suitable machinery & vendor

## CAPACITY DESIGN & MACHINERY SELECTION

- Suggestion of addition alteration work in existing plant building to make it compliant with cGMP requirement.
- Preparation of plant documentation like SOP, site master file, validation documentation.

## cGMP COMPLIANCE

## TURNKEY SERVICES

We provide complete end to end services for pharmaceutical projects. Starting from the conceptualization till the project hand-over, almost all key areas are under our scope of services.

## PLANT LAYOUT DESIGN

## CIVIL DESIGN

## HVAC

## ELECTRICAL ENGINEERING

## UTILITY DESIGN

## CAPACITY DESIGN & MACHINERY SELECTION

## CLEANROOM DESIGN

## PLANT SAFETY ENGINEERING

## ENVIRONMENTAL ENGINEERING

## cGMP COMPLIANCE

## FEASIBILITY STUDY REPORTS

## UTILITY DESIGN

- Selection of suitable utilities for plant
- Preparation of P&ID for purified water generation & distribution system, compressed air system, Vacuum system, GAS system, CIP & SIP system
- BOQ generation & Quotation procurement of various utilities like Purified water system, WFI system, Central Vacuum system, Dust Extraction system, Compressed Air System, Gas System, CIP System, SIP System.
- Checking & approving of working drawing of vendor / contractor

## HVAC

- HVAC single line air flow diagrams.
- AHU piping & single line ducting layout drawings with proposed location of HVAC equipments.
- AHU grouping, AHU filtration level drawings, Room classification, pressure zoning.
- Design qualification (DQ)
- Preparation of Bill of quantity(BOQ) & estimate
- Preparation of HVAC tender documents, call of tenders, Tender evaluation.
- General Arrangement (GA) drawings
- Preparation of RCP (Reflected ceiling plan)
- HVAC & electrical coordination drawing.

## CLEANROOM DESIGN

- Designing of clean room from ISO Class 1 to ISO Class 9 (FS209E Class 1 to Class 100,000)
- Designing of modular wall partition, walk able/non walk able ceiling, Doors, windows, clean room light fittings.
- Preparation of specification for clean room modular partition, Bill of quantity(BOQ),tender documents.
- Call of tender, tender evaluation, selection of vendor.

- Identification of effluent (solid/liquid) likely to be generated.
- Designing of complete effluent management system like preliminary storage tank, decontamination, pumping of neutralized effluent to main stream of ETP plant etc.
- Concept & detailed engineering for handling of exhaust air through Scrubbers/incinerators.
- Liquid/solid waste disposal treatment & handling methodology.
- We provide specification for machinery required for controlling air & noise pollution

## ENVIRONMENTAL ENGINEERING

- We provide elaborative study report of pharmaceutical project which includes following contents:
  - A: Executive summary
  - B: Product description
  - C: Plant technical details
  - D: Market Analysis
  - E: Financial analysis

## FEASIBILITY STUDY AND REPORT

# OUR CLIENTS

- Aqaqeer Jazan Industries for Medical Drugs - Saudi Arabia
- Arihant Chemicals Pvt. Ltd. - Ratlam
- Apollo International Ltd - New delhi
- Best Green Lab - Slovakia
- D J Laboratories Pvt.Ltd - Pithampur
- Eurochem Products - Srilanka
- Global Pharma LLC Dubai
- Glumex pharmaceuticals Pvt.ltd. Mumbai
- Government Opium & Alkaloids Works - Neemuch
- Government Opium & Alkaloids works - Ghazipur
- Hakeem Pharma - Saudi Arabia
- Hindustan Phosphate Pvt.Ltd - Pithampur
- Indian Institute of Integrative Medicines (IIIM) - Jammu
- Indo Borax & chemicals Ltd - Pithampur
- India Phosphate Pvt.Ltd - Ujjain
- Krishna Chemicals Ltd - Kenya
- Namokar Speciality Chemicals Ltd - Pithampur
- Omar Ban Taha Alsaggaf Factory for Medical Products - Saudi Arabia
- Pricon Surgicals Pvt.Ltd - Jodhpur
- Pharmacare Leading Manufacturing Company Ltd - Saudi Arabia
- Rajaram & Brothers - Mandsaur
- Simfa labs Pvt.Ltd - Pithampur
- Sagar Rubber Products Pvt.Ltd - Mehsana
- Sanctus Drugs & Pharmaceuticals Pvt.Ltd - Pithampur
- Swift Formulations - Indore
- United Pharmaceuticals - Iraq
- Zenith Drugs Pvt.Ltd - Indore



Worldwide Clients



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