

# Project Management Consultancy & Services

## TRIZEAL



We are an agile & lean team, with a cumulative strong credentials of 60 plus man-years, in varied roles & capacities in various esteemed organizations, across sectors of economy of India. Team has cumulatively delivered superior performance, within complex & demanding work environments for executing Rs 900 plus crore worth green & brown field projects or assignments varying from Industrial, Commercial, Hospitality & Residential.

Team members have developed an inclusive, well balanced & organized approach after being seasoned in Multidisciplinary Technical Know-How, Strategic Planning, Crisis Management & Team Work across multiple geographies, culture & languages, which are critical aspects in every stage of life cycle of any project or assignment for swift analysis & defining of problems, conceptualization of solution, evaluation of options, finalization of plan, execution and smooth closure with respect to Cost, Quality & Time.

We are offering fruitful engagement at optimal cost & lucrative contract terms. We assure you with honesty, to endure with best of our zeal & ability in meeting your expectations. Based on our quality of delivery, in goodwill, we hope to re-engage in times to come. For a win-win association, which leads to mutual business sustenance & growth.

### Stage A -- Pre-Project Assistance :

**A-1. Pre-project activities with consultants** - Conceptualization, site assessment & surveys, environment impact assessment, preliminary planning, evaluation of design concepts, technologies studies, layout freezing, feasibility & detailed project report generation, budget preparation for the entire project, master project schedule preparation and fixing of zero date. coordination & project progress reporting with financial institutions for fund raising through borrowings from stakeholders or shareholders or banks or other financial institutions with respect to Cash flows.

**A-2. Statutory approvals & compliance with liasoning agencies pre-project, during execution and post completion** - With KIADB, Karnataka Govt. district administration, MoEF, Fire & Safety Dept, KSPCB, KPTCL, Lift Inspector, KFD, ESCOMs, AAI, CEIG, Factories & Boilers, Explosives Dept., Labor Inspector, Scales & Measurement Bureau Acts & Rules, Indian Green Building Council, Panchayats, Municipals, Water Supply Board, Meteorological Dept, Department of Mines and Geology, etc.

**A-3. Disposal of Facility or Property after fulfillment of useful life to make way for new project** - Demolishing process is unique for every facility or property & hence to be customized thoroughly & meticulously planned. Before execution, we must consider several factors like Building Survey, Removal of Hazardous materials, Demolition Plan, Statutory Approval & Permits, Safety Measures & involves highly trained experts working with debris, weather conditions, materials, mass and physics. Not all demolitions end in explosions methods can range from devastating blasts to non-explosive piece-by-piece removals. Some include implosions, excavators, wrecking balls, bulldozers, and selective demolition. Evaluate pro-cons of all and arrive at the best fit solution which is usually a unique combination with respect to given situation and site conditions ensuring safety of neighbouring premises and related man & vehicle movement.

### Stage B -- Design Management Assistance :

**B-1. Design finalization activities with architect, structural & other consultants** - With respect to process or facility requirements and allotted budget, verification & freezing of design calculations, equipment sizing, drawings done by designing consultants, dividing complete project work scope into various packages with respect to their cost & lead times, package wise tender documents preparation.

**B-2. Civil and Finishes Infrastructure & Services** - Site Surveying & Marking, Earth works (Earth Retention & Excavation), Anti-termite treatment, Soil Testing, Construction systems & technologies like Stone, RCC, PEB & Other hybrid systems, Form work, Scaffolding, Reinforcement, Concreting, Waterproofing, Hacking, Masonry works, Expandable Metal Mesh & Corner beading and Plastering works, Lime wash, Painting, Tiling, Cladding, Flooring (Ceramic or Engg & Natural Granite or Marble), Wood works, Metal works, Façade & Glazing works, ACP and HPL Cladding, Metallic and Non- Metallic, Fire & Non- Fire Doors & Windows works, Special Purpose Doors & shutters, Interior partition & False Ceiling works, Interior moveable & non moveable assets, accessories and artifacts, Drive ways and Road works, Building and premises Signage works, Underground water & geological surveying, bore-well digging & portability testing with remedies, External Development and Landscaping with Irrigation system, Facility or Building maintenance works methodologies & SOP's.

**B-3. Mechanical Infrastructure & Services** - Cooling Towers, HVAC sub systems (air cooled, water cooled and VRV types), Chillers (air & water cooled), Air Handling Units, Air Supply Units, DG sets, Bore well pumps, Fire Hydrant & Sprinkler system, Air compressor (air & water cooled), Air Dryers (refrigerant, HOC, Descant types), Air Controllers, Air Receivers, VRV, Split & Cassette Types - Air conditioning Units (duct-able & non duct- able), Precision Ac units, Basement Ventilation system, EOT cranes, Forklifts, Dust Extraction system, PHE pumps, Hydro-pneumatic Pumps, STP, WTP, ETP, RO Plant, Softener Plant, Storage yards - Acetone, Resins, LPG & HSD , LOT & VOT systems, Diesel Dispenser System, Pallet trucks, Tools & Tackles system, Dock leveler, All Types of Service pipelines, CO2-N2-Argon-Helium Storage Yard, Cold storage, Class A & B Explosives Stores, ACH Mixer unit, FM 200 & Inert Gas based system, Paint Kitchen, Paint Booths, Sludge Pits, Shower Tester, Solar Water Heater system, Weigh Bridge Systems, Boom Barriers, Façade Access System, Passenger & Service Lifts, Escalators, Multi-Level Car Parking System, Vacuum Floor Cleaners, Flippers & Scrubbers, Non IBR Boiler system, Fuel Handling System, Ash Handling and Exhaust System. Kitchen Equipment's.

**B-4. Electrical Infrastructure & Services** - Over Head or Under Ground Transmission lines & MRS or RMU, Transformer both Wet & Dry type. OLTC's , RTCC panels, Battery banks & Charger system, DG's, DG Synchronizing Panels, Sub Stations Ring system (Control, Protection & Measuring systems), Switchgears (GCBs, VCBs, ACBs), Electrical Distribution Panel system (APFC, AMF, LTDB, LTPCC, MDB, MCC, PCC, ACCP, SMDB, PDB panels), HT & LT cable engineering (sizing, selection, laying, termination, joint kits, switch & socket boards), Raiser Mains & Bus bars, High Mast lights, Emergency UPS & lighting systems, Plant Internal & External Lighting systems, Solar Photo-Voltaic power & lighting systems.

# Project Management Consultancy & Services

## Services We Offer

1. Study of an idea whether it is Scientifically realizable, Technically feasible, Environmentally greener, Socially desirable, Legally executable, Economically viable, Financially Sustainable, Humanly adaptable & Politically acceptable for pursuing commercially.
2. Defining of Project Objectives & Scope based on Market Demands or Perceived Needs of the enterprise.
3. Comprehensive conceptualization, Planning of Preliminary Design & Feasibility Studies of different solutions or options for given technology or methodology.
4. Finalization of Design Engineering & Specifications for Procurement based on most optimal solution or option.
5. Finalization of work packages as per Supply Chain, Logistics & Inventory management with respect to Construction Plans & Completion, with respect to signed off documents.
6. Fit-outs & Interiors for occupancy after virtual completion of Building or Facility, for its designed purpose.
7. Transition management for Occupancy, Operation & Maintenance (O&M) of Building or Facility, during its intended usage.
8. Fulfillment of Useful Life of Building or Facility, with respect to designed duty cycles.
9. Disposal of Building or Facility without disturbing & ensuring safety of neighbouring premises, to make way for new project.

## Why Us?

### 1. Tangible Benefits -

- Clarity of role & responsibilities and deliverable of each agency.
- Increased productivity, value engineering & cost optimization
- Increase accuracy in MIS for better decision making
- Increased Safety, Better Risk management for Social profitability.

### 2. Non - Tangible Benefits -

- Improved Transference & Visibility
- Better Boundary Management
- Learning Curve higher for Client team
- Better Communication & Coordination for people management across agencies.

**B-5. Information Technology and Electronics & Communication Infrastructure & Services** - Fire Alarm System, Public Addressing System & Talk Back System, CCTV System, Bio-Matrix or RFID based Access Control & Attendance System, Building Management System, Automation Systems, Audio-Video Conferencing Systems, EPABX & IPABX, Data & Voice lines, Analog or Digital or IP phones & Polycom ,PRI, SIP Trunk, IP Centrex. Network & Hardware – Setup & configuration of Wired & Wireless Internet leased line, MPLS line, Smart VPN, Modem, Router & Network (PAN, LAN, WAN, MAN, vLAN, WLAN, TCP & IP, IPv4, IPv6, Sub netting). Wireless Network setup & configuration, Assembling and structured cabling of router or switches of CISCO, D-Link and TP-Link Devices using CAT5 or CAT5e or CAT6 & RJ45 or RJ11.

**B-6. Manufacturing Equipment & Infrastructure** – Automated special Anodizing process lines of chromic acid, Tartaric Sulphuric acid, Boric Sulphuric acid, Alodine, NDT - Fluorescent Penetrate Inspection, Primer & Painting booths (Wet & Dry), Ovens. Annealing & Solutionizing by Drop Bottom Furnace, Aging ovens, CNC routers, Auto de-burring, Press forming, CNC press brake, Skin & extrusion stretch forming machines. 3-axis & 5-axis CNC & CMM. Argon-Co2- Helium MIG welding m/c's with copper wire, EOT Cranes Single & Double girder, Transfer Cars, Trolleys, Material Handling Equipment like Roller Type Conveyor - Chain, Screw, Belt, Bar Cutting M/c, Thread Rolling M/c, Heating M/c with Cooling Panel Console, Hydraulic Bending M/c, Centerless Grinding M/c, Rotary Grinding M/c, MPI Crack detecting M/c, Hydraulics & Pneumatics System Like Direction Control Valve (Single Sol. & Double Sol. Valves) along with Jigs and fixtures, CNC -Turning Center & Vertical Milling M/c's, Hydraulic & Mechanical Pressing M/c, Punch Press, Plasma cutting m/c, CNC Tube profile bending m/c, CNC Tube cutting m/c, CNC Bending m/c, Shearing m/c, Air Cooled & Water Cooled Compressors & Air Controller & Dryer, Shower Testing Setup, Special Purpose molding process m/c's like - SAGWs, Paternoster, Glass Wagons, Glue Applicators, Polyester Applicators, Resin Storage & Handling System, Bush Winding & Balsa Winding mc, Mould Turning Device, Vacuum pumps, Infusion Machines & Injection valves units, Manifold flushing mc, Glycol Injection M/c , Vacuum Lifters, Liquid Damper Pressure Testing M/c , Hydraulic System for moulds. Special Purpose m/c's related to cutting, grinding, finishing & assembly process like - Root end wagons, Tip End wagons, Balancer Dosage Dispenser, Hydraulic Units, Flange Grinding M/c , Vacuum Valves, Air curtains, Tip lifting rails, Manual dosage machines, Heater panels, Electrical & Pneumatic hand tools - Cutting & Grinding M/c ,Drilling, Screw, Nut runners & Riveting m/c.

### **Stage C -- Procurement Management Assistance :**

**C-1. Supply Chain, Logistics & Inventory management activities & coordination on or off site, after receipt of drawings, BOQ, technical specifications & makes from Consultants / Designer of all Work packages of project with respect to Life Cycle Approach** - Vendor sourcing, pre-qualifying, package wise issuing enquiry or bid or tender, receiving offers, techno-commercial & bid analysis, vendor drawings review, putting up purchase recommendations to the management, contracting & ordering, Payment & Contract administration and finance monitoring & control.

### **Stage D -- Construction Management Assistance :**

**D-1. Construction Management, Execution & coordination on & off site of all Work packages of project with respect to Life Cycle approach** - Planning, scheduling & control of tasks by contractors & their sub-contractors, cost, quality, safety & time control, communication management, interface coordination, payment & contract administration with respect to the Budget vs Actual expenses, progress evaluation, expediting deliveries, material inspection & testing, construction & erection monitoring, installation stage wise inspection and supervision of commissioning, on-site cost monitoring, controlled execution, on-site technical issues resolving, certification of QA, QC, QS & running bill documentation, snagging, handing over documentation & training, final payments & project closure audits.

**D-2. Fit-outs & Interiors Design Management, Execution & coordination on & off site of project after virtual completion with respect to Life Cycle approach** - Layout review and approval of fit out services & finishes with respect to designed purpose, intended usage & duty cycles of operations, in coordination with concerned agencies & consultants for BOQ, GFCs & MADS for work packages. Monitoring & controlling design, supply chain, logistics, inventory & site execution activities of material inward inspection, erection, installation, billing, snagging and commencement of operations.

**D-3. Transition management for Occupancy, O&M after acceptance of building** - Establishing the Facility or Property Management & Maintenance team by strategically planning organizational structure & manpower based on size, type, location & operation pattern of facility for optimal maintenance of facility or property with combination of in-house & out-sourcing of maintenance through third parties. Establishing shift-wise monitoring & control mechanism for all the key parameters in all equipment, utilities & facilities infrastructure. Implementing ISO 9001, OHSAS 18001, TPM, OHSAS & 5S and practicing of breakdown, preventive & predictive maintenance, spare inventory planning, FMEA, MTRR & MTBF. Statutory complying of O&M activities to Electrical, Factories & Boilers, Explosives, Fire & Safety, Labor, Scales & Measurement Bureau Acts & Rules & Other norms, for Facility or Property Management dept. Quality Objective & Budget Planning for the operations, to set in line with overall Organizational Objectives & Business needs for the given fiscal year. Direct & drive, monitor & control the team towards progress to achieve departmental objective targets with respect to cost, quality & time. Overseeing the whole facility or property maintenance capital expenditure & operational expenditure to achieve hassle free set ups, closure and sustain peaceful occupancy & operations. Team development & training in Quality systems & Statutory compliance. Update the trouble shooting skills & knowledge level of the team to blend individual potentials & facility resources into a successful delivering team. Develop the team to learn to honor their commitments on cost, quality & time on various tasks that arise out of all the business needs of the organization.

# Consulting & Collaborated Services

## TRIZEAL



### 10M's

“Money, Market, Ministry, Minute,  
Method, Material, Machinery,  
Manpower, Measurement and  
Management”.

### Services We Offer

- General Consulting
- Management Consulting
- Technology Consulting
- Special Purpose Consulting

### Why Us?

- We provide Consultancy, Solutions & Services, in real time, for business units, in medium & lower segments of various sectors of economy which gives them, tangible & in-tangible benefits & competitive edge in running their businesses wrt sustainability, scalability & diversification.
- We not only give solution, recommendations but also walk the talk in implementation wrt life cycle approach & help client with business intelligence & development for optimal exploitation of the available market share by them, through segmentation, positioning & targeting.
- We have been consistently providing significant value additions. Which, outweighs the costs of our engagement with a given client, as our approach is mainly knowledge intense through professional workforce & low capital intense for implementation.

For last 30 years, economic footprint of Consultancy, Solutions & Services, has been ever rising, especially in developing economies across the world. And current trends show exponential growth in demand, for such freelance providers; who are skilled to transform the businesses and make them adaptive, to survive & thrive, in competitive business environment. We have been successful in reaching out to the needy business units, who are cautiously aggressive & aspiring to make it big, in a developing economy. To serve, such like & similar others, we are offering fruitful engagement at optimal cost & lucrative contract terms.

Holistic approach across the spectrum of activities wrt life cycle from conceptualization to operations for perennial business sustenance pertaining to 10M's is very much necessary & desirable. Either of the below life cycle approach can be adopted based on the desired requirement.

- Birth to Gate Approach
- Gate to Gate Approach
- Gate to Grave Approach
- Birth to Grave Approach

Our engagement will ensure that the 10M's are synchronized for serving the given business objective of the client through following phases (1 to 9) :

1. Delivering information to the client, on a required thing, for a given purpose.
2. Analyzing & diagnosing, which may necessitate redefinition of the problems faced by the client.
3. Resolving the client's problems.
4. Recommending solutions to the client wrt detailed study done.
5. Building consensus and commitment with the client team around finalized corrective actions.
6. Skills & knowledge level updating of the client team to blend individual potentials & enterprise resources into successful delivering team for the client.
7. Facilitating the client & find means for continuous improvement i.e., mentoring the client team, how to resolve similar problems in the future.
8. Permanently improving client's organizational effectiveness for his business sustenance.
9. Helping the clients in implementing the prescribed solutions.

We assure you with honesty, to endure with best of our zeal & ability in meeting your expectations. Based on our quality of delivery, in goodwill, we hope to re-engage in times to come. For a win-win association, which leads to mutual business sustenance & growth.

*Wherever on the above enlisted phases (1 to 9), the consultant-client relationship starts, our first job is to address the phase what the client requests for. We never try to prolong engagements or enlarge our scope with any client. If and only if, the need arises, and client is willing to engage us on mutual consent, then alone we take up the other enlisted phases apart from the ones for which engagement initiated in first place.*

*To brief, the enlisted phases (1 to 8) are generally considered legitimate for hiring a consultant agency, though some debate surrounds phase (9). Our peers are less likely to address enlisted phases (6 to 8) explicitly and their clients are not as likely to request these phases also. But we are approaching enlisted phases in the ways that involve the other phases as well. Phases (6 to 8) are best considered as by-products of earlier phases, not additional ones, that become relevant only when the others have been achieved. They are essential to effective consulting even if not recognized as explicit phases when the engagement begins with any client. In the list above phases (1 to 5) are better understood and practiced and are also frequently requested by the clients.*

*However, we aspire to the higher phases (6 to 9) on the list than most of our peers' engagements usually endure to achieve. As these require, increasing sophistication and skills in the processes of consulting and in managing the consultant-client relationship.*

# Information Technology (IT) Infrastructure Solutions & Services

## TRIZEAL



“Enables you to reach out digitally 24/7, to destined place on the planet, without Security & Privacy being compromised”.



Connectivity



Marketing Solutions



IoT Solutions



Collaboration



Cloud And SaaS



Security Solutions

## Solutions & Services We Offer

### Connectivity Solutions

- Internet Leased Line
- Leased Line & Smart VPN
- MPLS & Secure Connect
- PRI & SIP Trunk
- Smart office
- SD-WAN iFLX
- Centrex

### Marketing Solutions

- SmartFlo
- EZ Cloud Connect
- Call Register Services (CRS)
- Toll free services
- Hosted IVR(HIVR)
- Hosted OBD
- ORAI Collaborated Whatsapp API
- ORAI AI Based ChatBot

### Collaboration Solutions

- Zoom
- Conferencing
- WEB Casting Services
- L2 multicast
- International Bridging Services (IBS)
- Content delivery network
- HUB-connect & ULTRA LOLA
- Tata Tele Wifi
- Business Broadband
- Smart Hosted PBX

### Cloud & SaaS Solutions

- Cloud CRM (Customer Relationship Management)
- Live chat
- Secure pay
- Help desk
- Fee collector
- Document Management System
- SMS solutions
- Digital Survey
- Microsoft 365

### Cyber Security & IOT Solutions

- Email Security
- Endpoint Security
- Web Security
- Virtual Firewall
- Multifactor Authentication
- Asset Management
- Fleet Management
- School Bus Management
- Workforce Tracking

### IT Infra (SaaS, PaaS, DaaS & IaaS) Assistance

- Design & Solutions
- Sale & Rentals
- Support & Services