



ISO 9001:2015 CERTIFIED

A stylized illustration of a construction site is framed by a yellow border. It features a large tower crane on the right, a smaller crane on the left, and the skeletal framework of a building under construction in the foreground. The background is composed of large, overlapping geometric shapes in shades of grey, yellow, and white.

VALUE ADDITION THROUGH ENGINEERING EXPERTISE

RAPID GROWTH STORY

Operational since 2009, GEM Engserv Pvt Ltd has grown rapidly as an Engineering & Management Service Provider to the construction industry.

100+ Projects worldwide

1,50,000+ Metric ton of Rebar Detailing

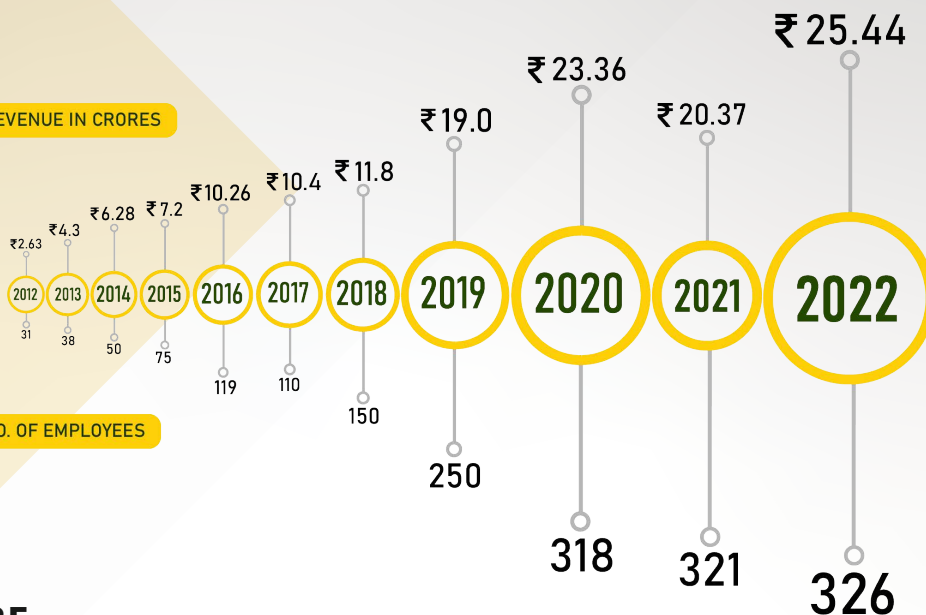
3+ Million Sq. Mtr. of Quantity Take Off

10+ Sites on Direct QC Supervision

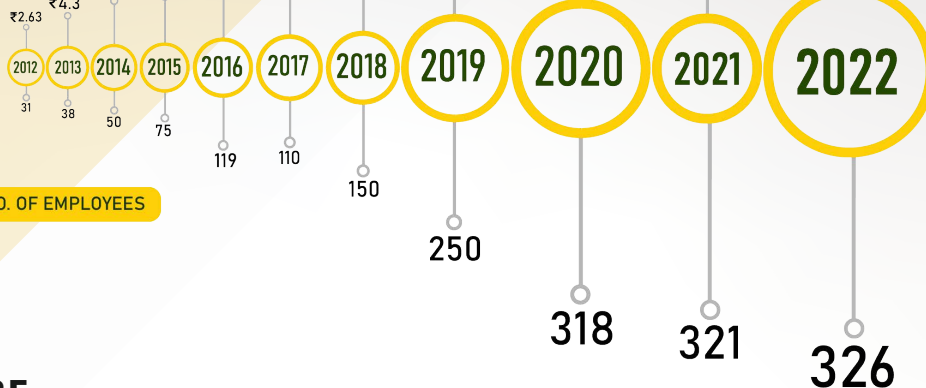
200+ Satisfied Clients

2,000+ Industry Professionals Trained

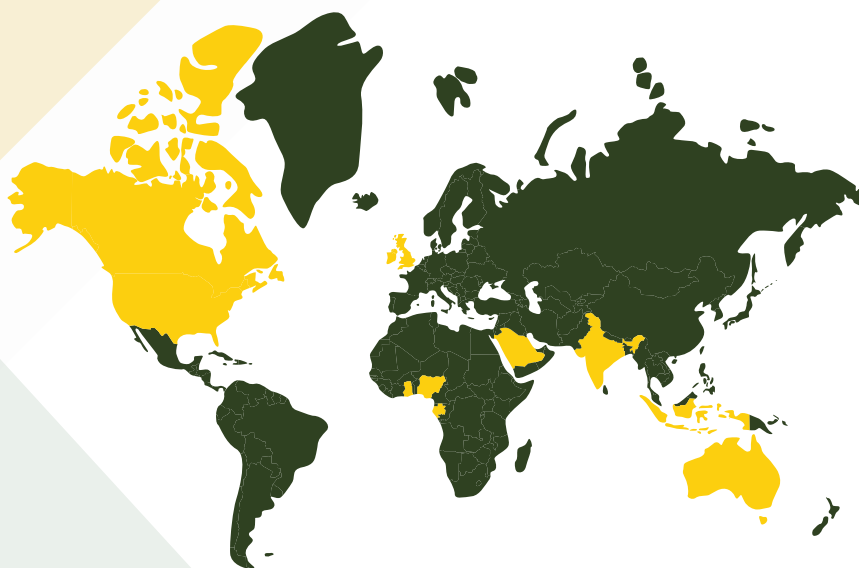
REVENUE IN CRORES



NO. OF EMPLOYEES



CLIENTS ACROSS THE GLOBE



- ▶ United States
- ▶ Canada
- ▶ United Kingdom
- ▶ Ireland
- ▶ Australia
- ▶ Singapore
- ▶ India
- ▶ UAE
- ▶ Indonesia
- ▶ Saudi Arabia
- ▶ Gabon
- ▶ Ghana/Nigeria

WHY US?

Engineers of GEM Engserv strive to complete assignments on scheduled time, within budgeted cost, as per specified quality, with minimum wastage and in safe working conditions.

- ▲ 360° engineering competence (Pre-construction as well as Construction Management)
- ▲ In-House Expertise in Cost Management, Planning & Scheduling, Contracts Management, Quality & Safety Management, Structural Design
- ▲ Complete ownership & accountability
- ▲ Quick identification and recruitment of resources through our in-house recruitment team
- ▲ Modern technology driven systems such as app based quality control & reporting
- ▲ Expert advice & technical inputs from senior professionals
- ▲ Optimal cost structure
- ▲ Passionate about construction quality with a culture of "No Compromise"

OUR PROJECTS

REAL ESTATE

Godrej Two



Godrej Trees



Godrej Golf Links



Mahindra Antheia



Bhendi Bazaar Redevelopment



Tata Housing Amantra



GIDC Fairfield Marriott



Vidyalankar Institute of Management



INFRASTRUCTURE

AFCONS - Chenab Bridge



Konkan Railway - Roha Veer Doubling



IRCON - Dedicated Freight Corridor





CLIENT FEEDBACK & TESTIMONIALS



We are totally satisfied with the quality of service, site practices, safety standards for PMC Services provided for our project.



- Director, Gogte Infrastructure Development Corporation Ltd.

IRCON is fully satisfied with services, deliveries, manpower deployed on the project for planning, scheduling & monitoring of our project.



- Project Director, IRCON International Ltd.

Engineers of GEM are highly qualified and have full knowledge of the aspects along with very positive and professional approach.



- Anonymous, Customer Feedback Survey 2019

Thanks for your excellent inputs on assessment of Quantity Take Off



- Vice President, AFCONS Infrastructure Ltd.

We appreciate GEM Engserv's fast response & quick turnaround time for completing RC detailing of project on time.



- Senior Engineer, Whitbywood Ltd.

GEM Engserv has successfully completed detailed design of foundation for doubling of track from Roha to veer over konkan railway with satisfactory quality and time.



- Senior Engineer, Konkan Railway Corporation Ltd.

We thank GEM Engserv for timely completing technical due diligence services for Supermadi HEP, Nepal with the best quality.



- President, Ayoki Fabricon Pvt Ltd.

GEM Engserv has provided TPQC services for ITI/ITES SEZ Project, Faridabad at par with best industry standards. we definitely would take services again in the future.



- Vice President, ASF Insignia SEZ Pvt Ltd.

GEM Engserv provided structural design review & audit consultancy for our project with the best standard of practices as per contract.



- Head Infrastructure, ADLABS Entertainment Ltd.

The Structural Audit services for GNFC Facility in Gujarat by GEM was completed with superior quality and in stipulated time.



- BD & Ops Manager, Lloyd's Register Group Ltd.

CONSISTENTLY DELIGHTING OUR CUSTOMERS !

“

Godrej PROPERTIES

Heartiest Congratulations to the entire team for winning this Global Recognition - A 5 star rating and the actual Sword of Honour from the British Safety Council this year !

”

- Pirojsha Adi Godrej,

Chairman, Godrej Properties Limited

(GEM Engserv was part of the team at Godrej Two site)

GEM Engserv wins 8th GPL Safety Awards 2017 for Godrej Garden City, Ahmedabad



GEM Engserv wins an award for completing Plinth Level during FY 17-18 with Zero Man-Days Loss for Godrej 2 Project



GEM Engserv wins an award for Best Safety Implementation on site for Godrej 2 Project



FOR ENQUIRY: www.gemengserv.com

REGISTERED OFFICE:



GEM Engserv Private Ltd, A-103, The Great Eastern Chambers, Plot No. 28, Sector - 11, CBD Belapur, Navi Mumbai 400614



NCR regional office coming up soon

Shashikant Zarekar (Brand Manager)



+91 77770 16824 | business@gemengserv.com

Parul Verma (Manager - Business Development)



+91 80857 03775 | parul.verma@gemengserv.com



Late. JAGDISH RAJE
(Founding Director, GEM Engserv Pvt Ltd.)

Jagdish had a vision of making GEM Engserv as **"The Engineering Consultant of Choice"** to our clients and to provide meaningful, professional and dignified employment to many.

Mr. Jagdish Raje was an alumnus of IIT Madras and had over 3 decades of experience in Construction & Contracts Management, Cost Planning & Control as well as Structural Design. Under Jagdish's guidance, GEM reached a size of 300+ employees spread over various project sites across India. With the perseverance of entire GEM team, we shall continue to maintain his legacy by following his vision and serving clients with commitment.

OUR MANAGEMENT: HANDS ON APPROACH



SHASHANK VAIDYA, DIRECTOR

Shashank is an alumnus of IIT Madras, with President's Gold Medal in M.Tech. (Structure). He has over 3 decades of experience in Bridge Engineering, Quality Management, Training, Concrete Technology and Managing large construction contracts and many arbitration cases as an arbitrator and technical expert.

He is a certified Lead Auditor of ISO 9001 and was conferred with Lifetime Achievement Award 2019 by the Indian Concrete Institute.

DR. MOHANA RAJE, DIRECTOR

Mohana is a Ph.D. in "Alternative Dispute Resolution with respect to Civil Engineering Contracts in India". She was a practicing Advocate with expertise in contracts law and a faculty of Business Laws.



SANJIV ANAND, COO

Sanjiv is an alumnus of VNIT Nagpur, with B.Tech. in Civil Engineering and a certified Project Management Professional from SP Jain Institute of Management & Research. He has over 3 decades of experience in Construction Management, Business Development and Contracts Administration.

SERVICE OFFERINGS



**QUALITY
MANAGEMENT**



PROJECT MANAGEMENT CONSULTANCY



**REBAR DETAILING
& BBS**



**GILBANE -
QTO**



**EXPERT
ADVISORY**



**QS & COST
CONSULTANCY**



**CONSTRUCTION
TECHNOLOGY**



**CONTRACTS
MANAGEMENT**

OUR CLIENTS

INDIA (REAL ESTATE)



INDIA (INFRASTRUCTURE & EPC)



INTERNATIONAL



CONSULTANTS



EMPANELMENT WITH VARIOUS ORGANISATIONS





PROJECT MANAGEMENT CONSULTANCY



WHAT

SERVICES

- Construction supervision & coordination
- Bill certification & cost monitoring
- Schedule preparation & control
- Quality & safety management
- Documentation control
- MIS & reporting

WHY

IMPORTANCE

- To complete project with aggressive timelines
- To execute in budgeted cost
- To deal with the complexity of designs
- To adhere to the defined scope of work
- To complete the project in safe working condition
- To have minimum rework & wastage
- To deal with ambiguity in roles & responsibility of the project stakeholders

How

METHODOLOGY

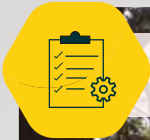
- Quick Ramp-up as required
- In-House resources during Pre-construction, During Construction & Post-Construction
- Dedicated manpower with ownership
- Direct supervision and guidance by senior management
- Expert teams in Head office to support PMC Functions

STANDARDS & SOFTWARES

- PMBOK
- Krystal DMS System
- ProgeCAD
- Primavera P6 & MS Project
- ERP

CLIENTS





PROJECT MANAGEMENT CONSULTANCY

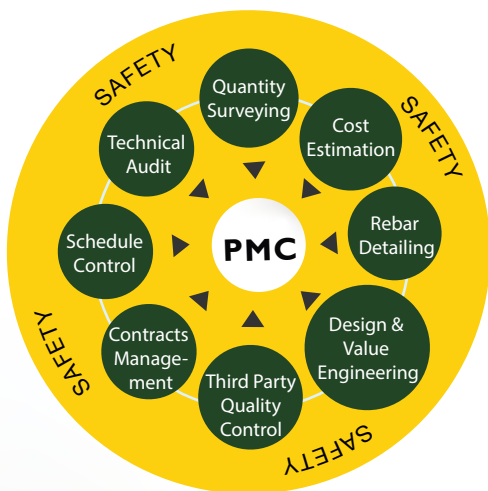
GEM
ENG SERV

ISO 9001:2015 CERTIFIED



Godrej 2 -
Commercial Tower
(1.2 Million Sq. Ft.)

Godrej Trees
Residential Building
(1.7 Million Sq. Ft.)



**PRE - DURING - POST
CONSTRUCTION**

OUR ENGINEERS HAVE GOT IT ALL COVERED





QUALITY & OHS MANAGEMENT



WHAT

SERVICES

- One time or periodic Quality Audits/OHS/Structural Audits
- Organisation-wide improvement through implementing QMS
- Advisory to improve construction quality
- Providing an app to implement Quality Management at Projects
- Third Party Quality Control
- Any combination of above

WHY

IMPORTANCE

- Ensuring Quality of construction is a legal & moral responsibility
- Quality costs, but the lack of quality costs even more !
- Safe workplaces enhance productivity
- Quality App facilitates seamless integration of quality control with project execution
- Your brand is as good as the quality of your product & service
- Audits help you understand the quality of your quality control

How

METHODOLOGY

- We deploy QC engineers with experience in civil/finishing/MEPF activities as per the requirements of the project
- Doer-checker concept helps to promote 'Do it right the first time' concept.
- Independent QC engineers ensure that quality issues are escalated to the right person at the right time.
- An App based system is deployed to provide 'paperless' QC system
- All quality checks are integrated with construction workflow to avoid delays and disputes
- Use of App promotes evidence and facts based decision making
- All quality reports are generated from the system

STANDARDS & SOFTWARES

- QC App
- ISO 9001
- IS specifications

CLIENTS

Godrej PROPERTIES

BAIN & COMPANY

PENINSULA LAND
CREATING INTERNATIONAL LANDMARKS

PURAVANKARA®

ASF
INSIGHT

TATA REALTY AND INFRASTRUCTURE LIMITED

VBHC
VALUE & BUDGET HOUSING
CORPORATION PVT LTD

TRIDHAATU®

OBEROI
REALTY

Mahindra
EPC



SAIFEE BURHANI
UPLIFTMENT TRUST

Transcon
Art of Transforming

HCC

Godrej & Boyce Mfg. Co. Ltd.

Terraform Realty™

GROUP SATELLITE™



QUALITY & OHS MANAGEMENT

**IF IT'S GEM,
QUALITY IS ALWAYS ASSURED !**



QUALITY POLICY

GEM Engserv is committed to continually enhance customer satisfaction by providing value added, customer focused & best in class services


Shashank Bidya
Director




Jagdish Raju
Director



SAFETY POLICY

GEM Engserv is committed to provide safe working conditions and healthy environment to all employee and others associated with its activities. GEM Engserv shall ensure compliance with all legal requirements.


Shashank Bidya
Director




Jagdish Raju
Director



GEM Engserv wins 8th GPL Safety Awards 2017 for Godrej Garden City, Ahmedabad



GEM Engserv wins an award for completing Plinth Level during FY 17-18 with Zero Man-Days Loss for Godrej 2 Project



GEM Engserv wins an award for Best Safety Implementation on site for Godrej 2 Project

★ ★ ★ Client Appreciation ★ ★ ★

It gives us immense pleasure that VBHC's Vaibhava project Anekal, Bengaluru won "The Most Outstanding Concrete Structure of Karnataka" by the Indian Concrete Institute.

I appreciate for support and services offered by GEM Engserv for robust QMS and deploying state of the art technology in concrete construction.

- Chief Operating Officer, VBHC Pvt Ltd.

Third Party Quality Control (QC) services for our residential projects has helped these projects reach quality standards as per industry norms. We wish you success in future assignments!

- Sr. Vice President, Purvankara Pvt Ltd.



REBAR DETAILING & BBS



WHAT

SERVICES

- 2D Rebar Shop Drawings
- Bar Bending Schedules
- Reinforcement Quantity Take Off
- Structural GA Drawings
- AS Built Drawings
- 2D to 3D Visualization

WHY

IMPORTANCE

- Additional space required for steelyard if cutting & bending done on site
- Saving in rebar placing efforts & time using BBS & Shop drawings
- Extra cost is incurred on wastage, cutting & bending inventory cost, technical monitoring, theft loss if stored on the yard
- Compliance to Safety Standards, Detailing codes, Shape code library
- Optimisation can help reductions in wastage/scrap

How

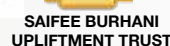
METHODOLOGY

- Reducing scrap with cutting and bending at site
- Use of similar dia/lengths of rebar through rationalizing area of reinforcement
- Use of simple shapes for ease of installation and understanding by site engineers
- Use of standard pre-assembled rebar cages for typical members like walls, columns, beams etc.
- Use of preassembled cages and special shape codes for projecting bars with importance to Health & Safety

STANDARDS & SOFTWARES

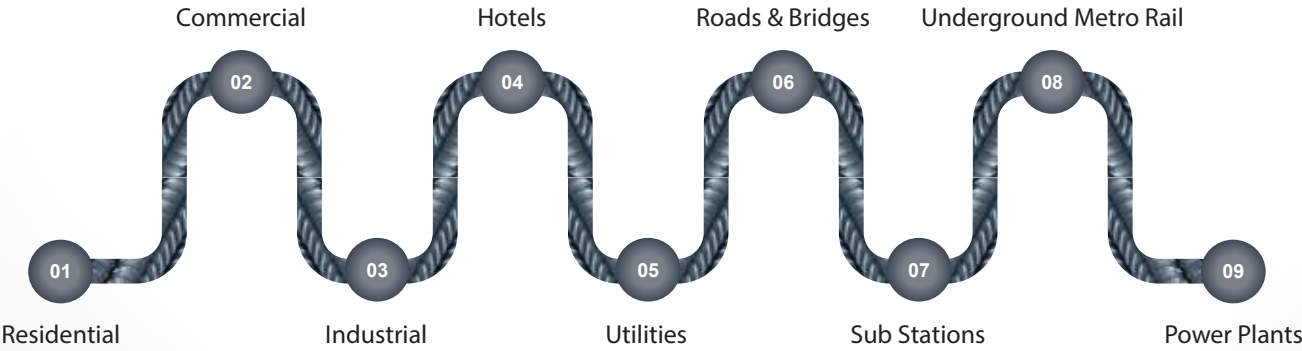
- Softwares: CADS RC & LOHA
- INDIAN (IS2502, IS456, IS13920, SP34), American (ACI135, ACI318), British (BS8666, BS8110), European (EN1992-1-1), Australian (AS 3600)

CLIENTS

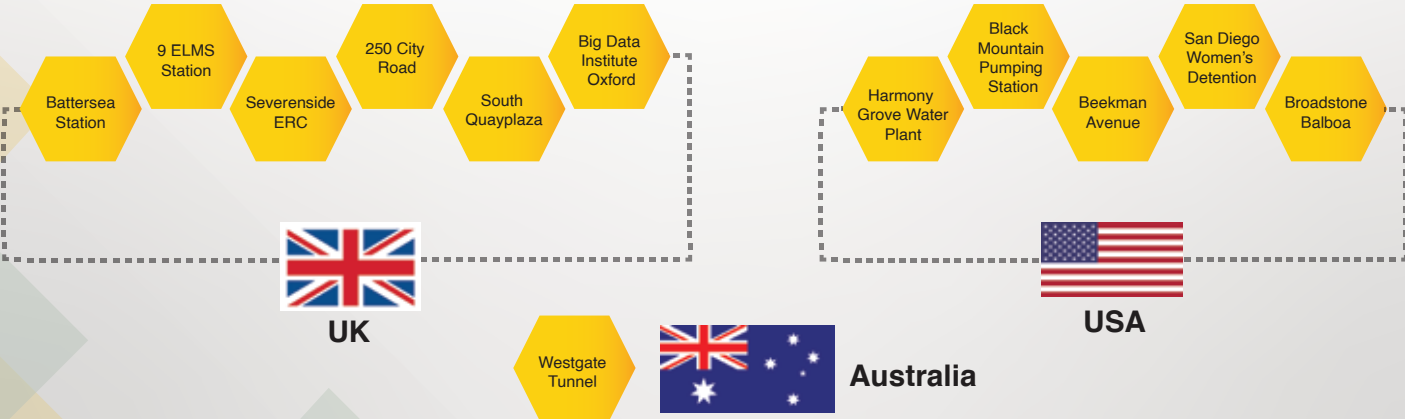




SECTORS SERVED:



INTERNATIONAL PROJECTS:





QS & COST CONSULTANCY



WHAT

SERVICES

- Quantity Surveying & BOQ Preparation
- Rate analysis
- Estimation & budgeting
- Cost planning & cost monitoring
- Assessment of cost to complete

WHY

IMPORTANCE

- Accurate cost planning & continuous cost control protects the owner from financial shocks
- BOQ is an essential bridge between the design engineer & cost planner
- An accurate cost plan is of great help during finalization of contracts
- Cost planning helps to control cost at every stage of project development

How

STAGES OF COST PLAN

- Broad cost plan at concept level
- Elemental cost plan at schematic level
- Detailed BOQ work out and cost plan at Design & Development stage
- Refining BOQ & cost plan at tender level
- Final construction cost plan on basis of GFC & awarded contracts
- Cost monitoring through construction phase including cost-to-complete assessment

STANDARDS & SOFTWARES

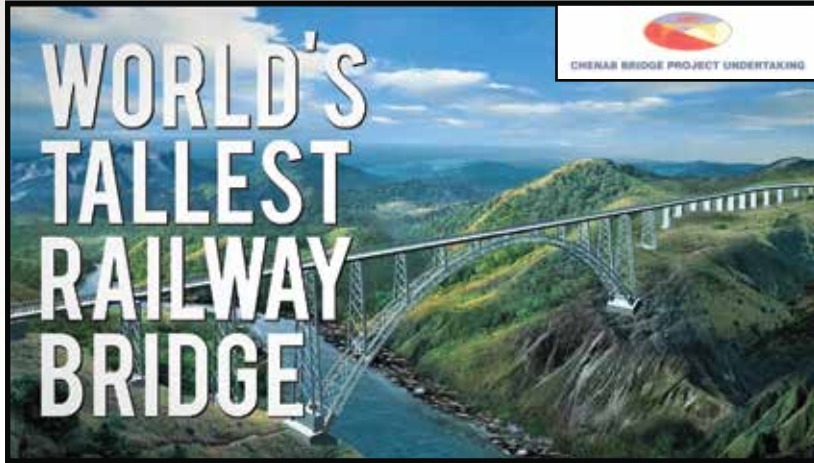
- AUTOCAD • ON SCREEN TAKEOFF • AGTEK
- MODE OF MEASUREMENT: IS 1200, SMM7, CESMM4, POMI, ARM4

CLIENTS





◆ **WHATEVER YOU DRAW, WE CAN TAKE OFF** ◆



“ GEM Engserv has successfully assessed structural steel quantities for Chenab Bridge to our satisfaction within stipulated time & quality, This bridge has a complex geometry like space frame with a curvature in two planes. The approx. quantities of structural steel involved were 28000 MT. ”

Vice President - Afcons Infrastructure Pvt Ltd.



“ GEM Engserv has satisfactorily completed Quantity surveying & Cost Estimation for Saifee Burhani Upliftment Project ”

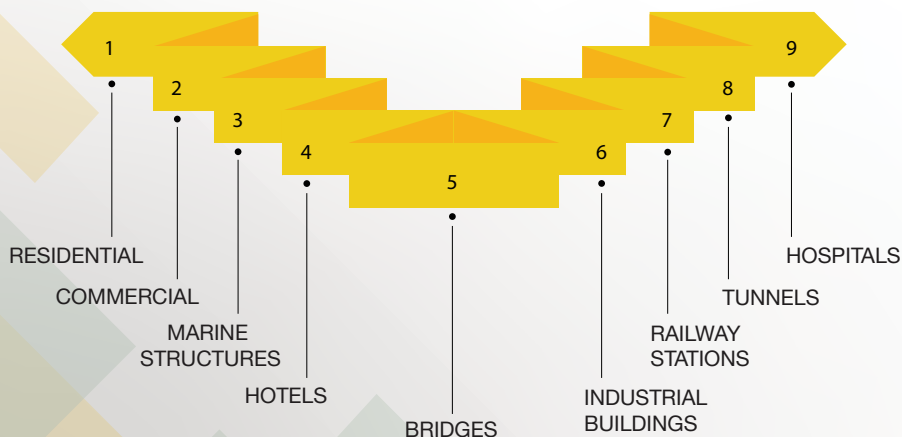
General Manager (Contracts) - SBUT Pvt Ltd.



“ GEM Engserv has satisfactorily completed preparation of cost plan, contracting strategy, Bid Management, Cost Monitoring by on-site deployment as per stipulated time & quality. ”

Sr. Vice President - T Bhimjiyani Realty Pvt Ltd.

SERVICE SECTORS



“ GEM Engserv has satisfactorily provided and completed Quantity take off and preparation of Bill of Quantities for Oceanwide Plaza's structure, finishes, MEP & Rebar take-off within stipulated time & quality. ”

Director, Swinerton Builders USA



TRAINING & DEVELOPMENT



WHAT

SERVICES

- Rigorous full-day training program by senior industry experts
- Personalized training programmes to master specific topics
- Case study based teaching method to give hands-on experience
- Quiz and interactive sessions in an open forum
- Corporate training program at clients facilities

WHY

IMPORTANCE

- To expand the knowledge base of engineers
- To improve employee performance by equipping them with new skills
- To understand quality standards and industry benchmarks
- To stay updated with industry best practises & to have competitive edge
- Networking opportunity with fellow industry colleagues

FACULTY



Dr. Mohana Raje,
Director



Mr. Shashank Vaidya,
Director



Mr. Shailesh Mirkar,
Vice President



Mr. Ranjit Patil,
General Manager



Mrs. Pranita Kale,
General Manager



Mr. Hemant Sonawane,
General Manager

CLIENTS



Courses Delivered So far...

Concrete Mix Design 1

Quality management in concrete construction 2

Developing Internal Auditors for Quality/Safety/ISO 9001 based on Audits 3

Value Engineering in Construction 4

Design Engineering for Construction Professionals 5

Art & Science of Decision making for project execution 6

Construction Contracts 7

Basic of construction project management 8

Management of reinforcement works 9

Project Operations 10

Work Life Balance 11

Stress Management 12

Communication Skills for Engineers 13



PARTICIPANTS FEEDBACK

★★★★★

It is a must needed program to undergo this type of training. It really helped in practical implementation.

★★★★★

Demonstration skills of the faculty were very impressive & the problems solving approach was very helpful

★★★★★

Nothing to suggest anything as the program was already very good!

★★★★★

The Faculty was knowledgeable and solved all my doubts with personal attention. I look forward to attend again in the next lectures

★★★★★

This program was very informative and conducted to the best, got insights on the latest technology in the industry..



CONTRACTS MANAGEMENT



WHAT

SERVICES

- Contract document formulation for corporate clients on various modes of construction contracts such as EPC, GMP, BOT, BOOT, lump sum, item rate, Hybrid annuity etc.
- Bid management for diversified client base & recommending contracting strategy as well as assistance in contracts administration.
- Review and/or modification of contract documents in view of the business needs.
- Provide advice on claims / counter claim formulation, pre-arbitration and arbitration proceedings, claim validation, expert deposition for claims.
- Training Programme on various topics of construction contracts management.

WHY

IMPORTANCE

- Poorly drafted contract documents lead to disputes and then claims.
- While drafting contracts lack of understanding about construction, law or both lead to disputes and claims.
- Adapting the contract documents from some other business leads to poor contract management.
- Usage of onerous clauses which are not recommended by law leads to quashing of claims.
- Lack of contractual correspondence in a professional manner leads to poor claim management.
- Lack of contracts administration skill with project team leads to poor contracts management.

HOW

METHODOLOGY

- Suggesting exclusive contract clauses after understanding client's project requirements and business practices.
- Explaining legal aspects to clients.
- Drafting an exclusive contract to fit the client needs and legally best fit business practice.
- Using trade off techniques in drafting to benefit the client.
- Assisting clients to examine the claims within the framework of the contract.
- Training client's contract team on the skills of contract management.

CLIENTS

 **GOINDRI PROPERTIES**

 **BAIN & COMPANY**

 **BHIMIYANI REALTY**



 **TATA REALTY AND INFRASTRUCTURE LIMITED**



 **IICON INTERNATIONAL LIMITED**
(A Government of India Undertaking)

 **KALPA-TARU**



 **ozonegroup**
THE ONES THAT COUNT

 **Mahindra Lifespaces**



CLIENTS SERVED

15+

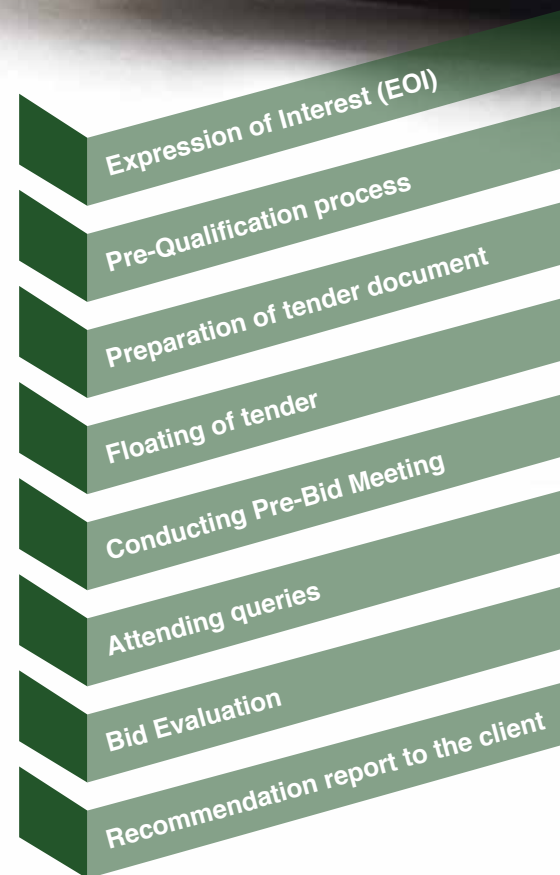
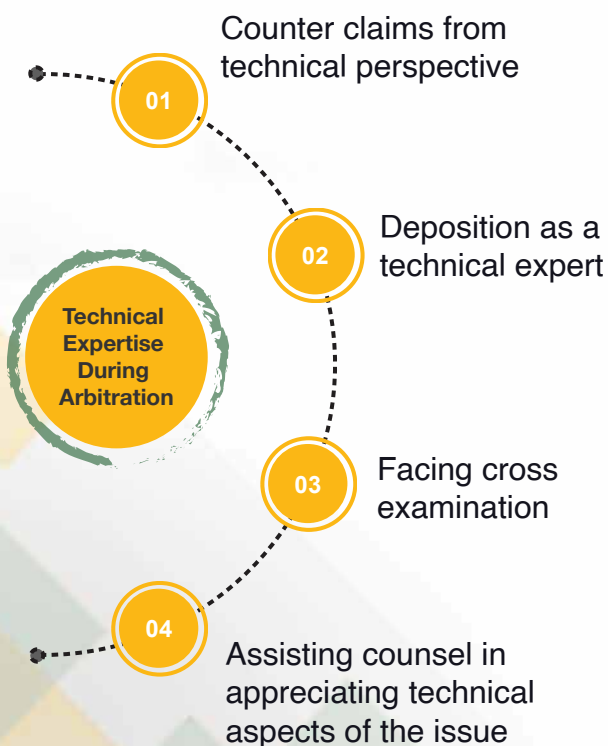
GCC/SCC
DRAFTING

10+

BID
MANAGEMENT

Assignment The Contractor shall...
Agreement, or delegate the performance
the prior written consent of the Commission

SIGNATURE



AWARD OF CONTRACT



STRUCTURAL DESIGN ENGINEERING



WHAT

SERVICES

- Design of bridges
- Peer review of bridge designs
- Design of buildings
- Peer review of design of buildings
- Design of temporary arrangements
- Structural audit of bridges & buildings
- Value Engineering
- Defect Diagnostics

WHY

IMPORTANCE

- Audits help assess the structural health of assets
- Value Engineering helps in optimization of cost / time
- Structural designs / Peer reviews ensures code compliant and safe structures
- Temporary works ensures speed & safety of construction

How

METHODOLOGY

- We have structural design engineers from premier engineering institutions
- Engineers trained in audit of quality of construction & structural behaviour carry out the inspection
- Association with reliable agencies for NDT
- Experts with design, construction & audit experience to guide & mentor the team

STANDARDS & SOFTWARE

- Software:
STAAD PRO / ETABS / SAP 2000 / CSI BRIDGE / SAFE

CLIENTS



MUMBAI METRO ONE





Substructure Design
for major bridges

Structural Audit service of
a Hydro Power Plant



Diagnosis of cracks in a port
structure in West Africa



Inspection of slab during a structural audit in a
commercial building in Navi Mumbai



Audit / Inspection of a suspension bridge

