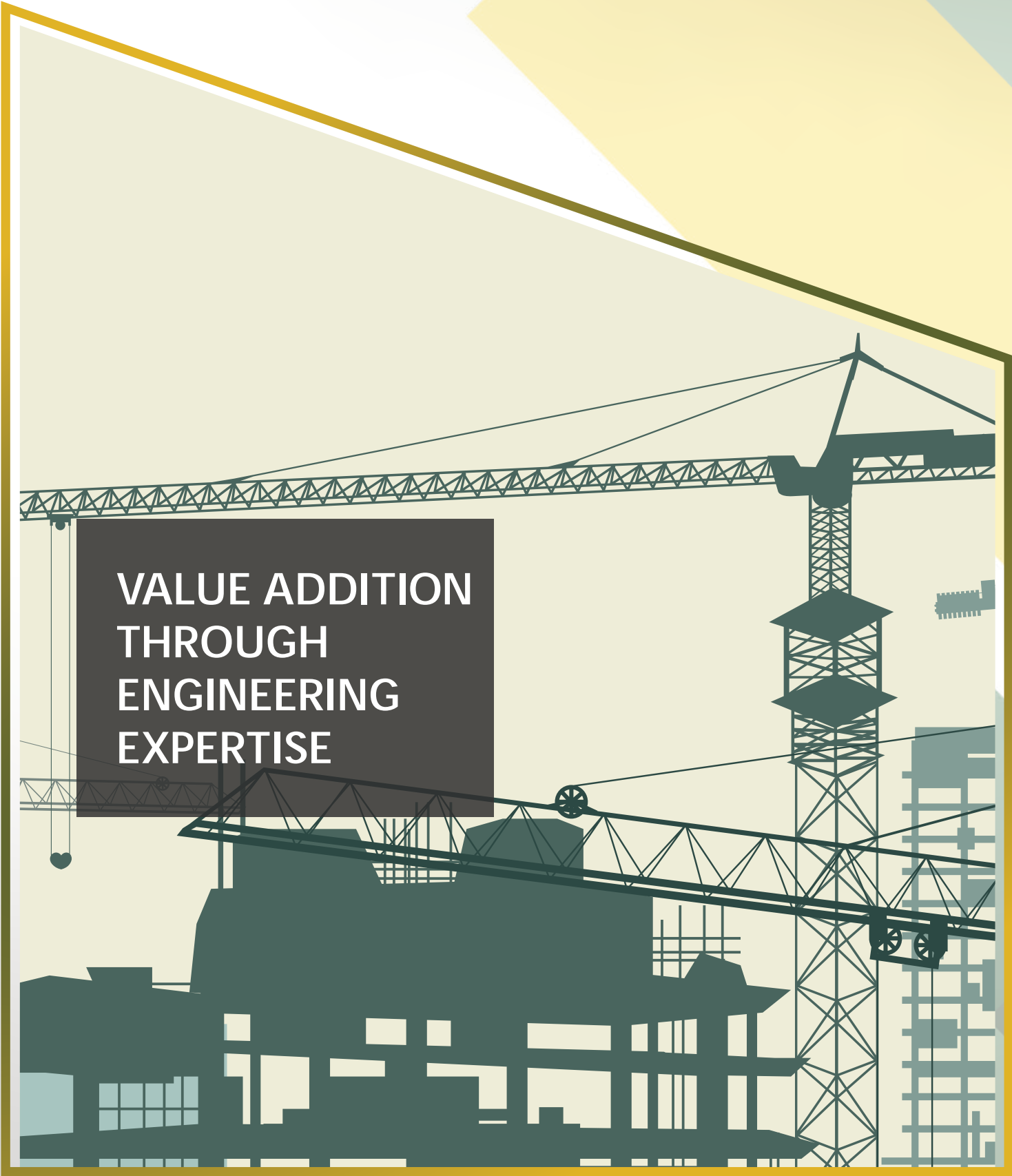


GEM
ENG SERV

ISO 9001:2015 CERTIFIED



VALUE ADDITION
THROUGH
ENGINEERING
EXPERTISE



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 Raj 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 Raj LLM, Ph.D, 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



Hemant Sonawane

➤ **QUALITY & OHS MANAGEMENT**



Shailesh Mirkar

➤ **PROJECT MANAGEMENT CONSULTANCY**



Ranjit Patil

➤ **DESIGN ENGINEERING & REBAR DETAILING**



Haresh Bamnalikar

➤ **TALENT ACQUISITION**



Shashank Vaidya

➤ **EXPERT ADVISORY**



Pranita Kale

➤ **QS & COST CONSULTANCY**



Dhawal Vaidya

➤ **DIGITAL SOLUTIONS**



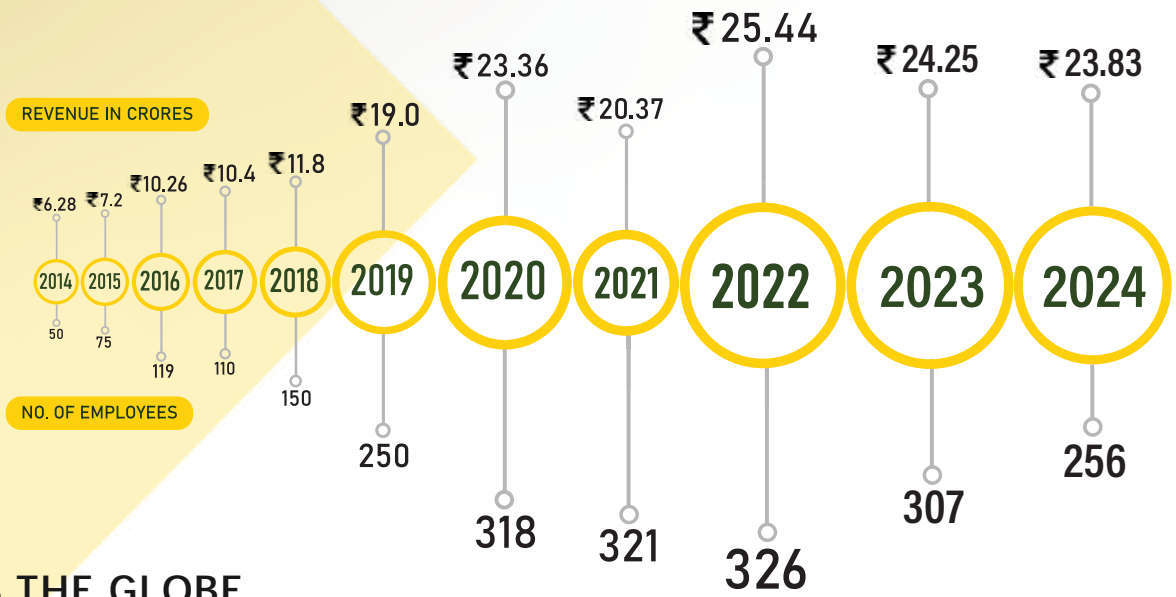
Dr. Mohana Raj

➤ **CONTRACTS MANAGEMENT**

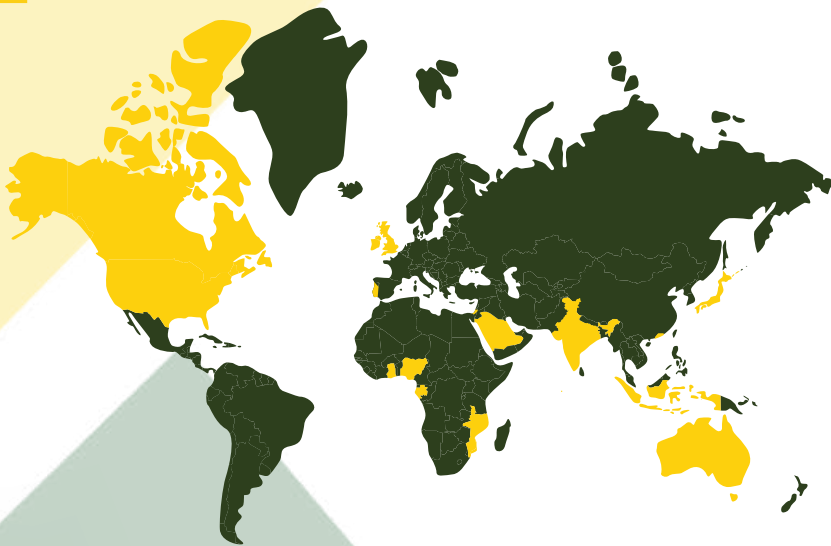
RAPID GROWTH STORY

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

- 500+** Assignments worldwide
- 4,50,000+** Metric ton of Rebar Detailing and BBS
- 35+** Million Sq. Mtr. of Quantity Take Off
- 25+** Projects for which third party QC provided
- 250+** Satisfied Clients
- 2,500+** Industry Professionals Trained



CLIENTS ACROSS THE GLOBE



- GEOGRAPHY SERVED**
- ▶ United States
 - ▶ Canada
 - ▶ United Kingdom
 - ▶ Ireland
 - ▶ Australia
 - ▶ Singapore
 - ▶ India
 - ▶ UAE
 - ▶ Indonesia
 - ▶ Saudi Arabia
 - ▶ Gabon
 - ▶ Ghana/Nigeria
 - ▶ Mozambique
 - ▶ Malawi
 - ▶ Israel
 - ▶ Hongkong
 - ▶ Japan
 - ▶ Portugal

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 STORY

REAL ESTATE

Godrej Two



Agarwal One



Godrej Trees



Vikas 11



Tamara Uprise



Bhendi Bazaar Redevelopment



Avante



Adani Linkbay



Kolgaon Resort



INFRASTRUCTURE

Chenab Bridge



Mumbai Metro Line 3



Kaiga Power Plant



High Speed Rail (Bullet Train Project)



★★★ CLIENT FEEDBACK & TESTIMONIALS ★★★

The structural Audit of TCHFC & TCFSL had a smooth process and the team was very supportive. Hope to be associated for a long period of time.



- Tata Capital Financial Services Ltd.

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



- IRCON International Ltd.

From the start of the project, the deployed resources are very good at work. Support from ROIHO is excellent.



- Godrej Properties Ltd.

Thanks for your excellent inputs on assessment of Quantity Take Off



- InSolare Energy Pvt Ltd.

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



- Whitbywood Ltd., United Kindom

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.



- Konkan Railway Corporation Ltd.

The work completed is always to a high standard. All queries are addressed at the time and the service is impeccable.



- Plann3D Solutions Ltd, United Kingdom

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.



- ASF Insignia SEZ Pvt Ltd.

Good work was done for the deployment of QC and Safety App. Keep it up.



- Aurum Ventures Ltd.

This was a difficult task with a tight deadline and numerous additional tender addendums. The GEM team completed the task in a timely manner.



- Vector International, Hong Kong

**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 platinum category award from Apex India Quality Management - 2022 for Godrej Rejuve, Godrej Nurture

GEM Engserv wins an award for completing Plinth Level 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

Upendra Apte (GM - BD & Technical Solutions)

 +91 8459612178 |  upendra.apte@gemengserv.com

Dhawal Vaidya (VP Commercial)

 +91 9545555424 |  dhawal.vaidya@gemengserv.com

OUR CLIENTS

INDIA (REAL ESTATE)



INDIA (INFRASTRUCTURE & EPC)



INTERNATIONAL



CONSULTANTS



EMPANELMENT WITH VARIOUS ORGANISATIONS

Maharashtra State Police Housing & Welfare Corp Ltd.

Karnataka State Police Housing & Infra Development Corp Ltd.

Central Railway

NABARD

Export Import Bank of India

Public Works Department Aurangabad

GIC of INDIA

Global Procurement Consultants Ltd.

Maharashtra Natural Gas Ltd



PROJECT MANAGEMENT CONSULTANCY

WHAT

SERVICES

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

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
- MS Sharepoint
- ProgeCAD
- Primavera P6 & MS Project
- ERP

CLIENTS





PROJECT MANAGEMENT CONSULTANCY

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

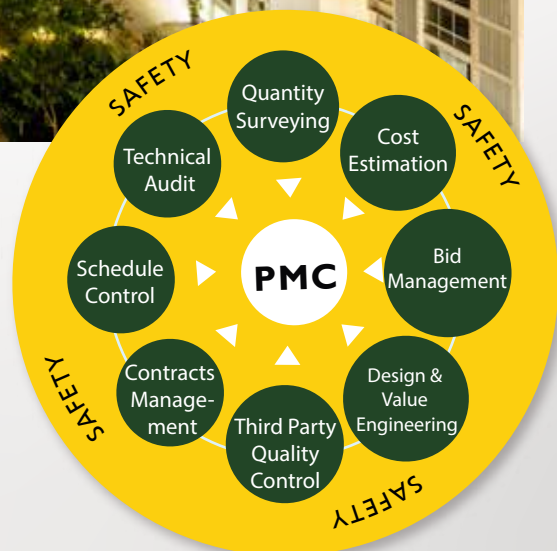


**Godrej Trees
Residential Building
(1.7 Million Sq. Ft.)**



**PRE - DURING - POST
CONSTRUCTION**

OUR ENGINEERS HAVE GOT IT ALL COVERED





QUALITY AND OHS MANAGEMENT



WHAT

SERVICES

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

WHY

IMPORTANCE

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





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



Quality Policy

We are committed to continually enhance customer satisfaction by providing value added, customer focused and best in class services.

To achieve this, we shall continually enhance our Quality Management System & comply with all the applicable statutory & regulatory requirements.

The Quality Objectives shall be based on this policy and shall be periodically reviewed & revised.


Shashank Vaidya
Director


Mohana Raju
Director

Version R 1
Updated on dt: 29/01/2021



Safety Policy

We are committed to providing safe working conditions and healthy environment to all employee by eliminating hazards & reducing OH&S risks.

We shall ensure compliance with all legal & other requirements.


We shall consult and involve employees in the management of OH&S.


We shall continually improve the OH&S management by setting and monitoring OH&S objectives aligned with this policy.



Shashank Vaidya
Director


Mohana Raju
Director

Version R 1
Updated on dt: 29/01/2021


GEM Engserv wins platinum category award from Apex India Quality Management - 2022 for Godrej Rejuve, Godrej Nurture


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 FEEDBACK & TESTIMONIALS ★ ★ ★

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 AND 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,AC1318), British (BS8666, BS8110), European (EN1992-1-1), Australian (AS 3600)

CLIENTS





REBAR DETAILING AND BBS

GEM
ENG SERV

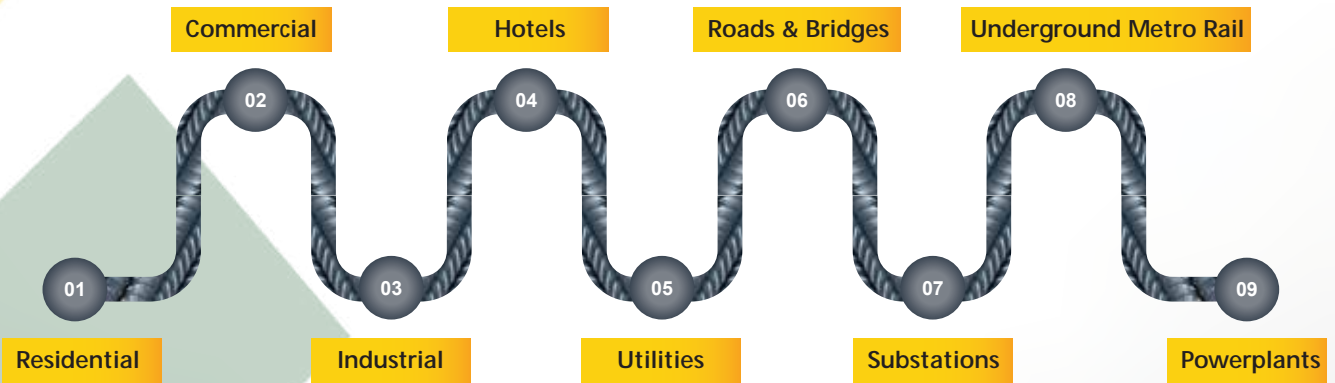
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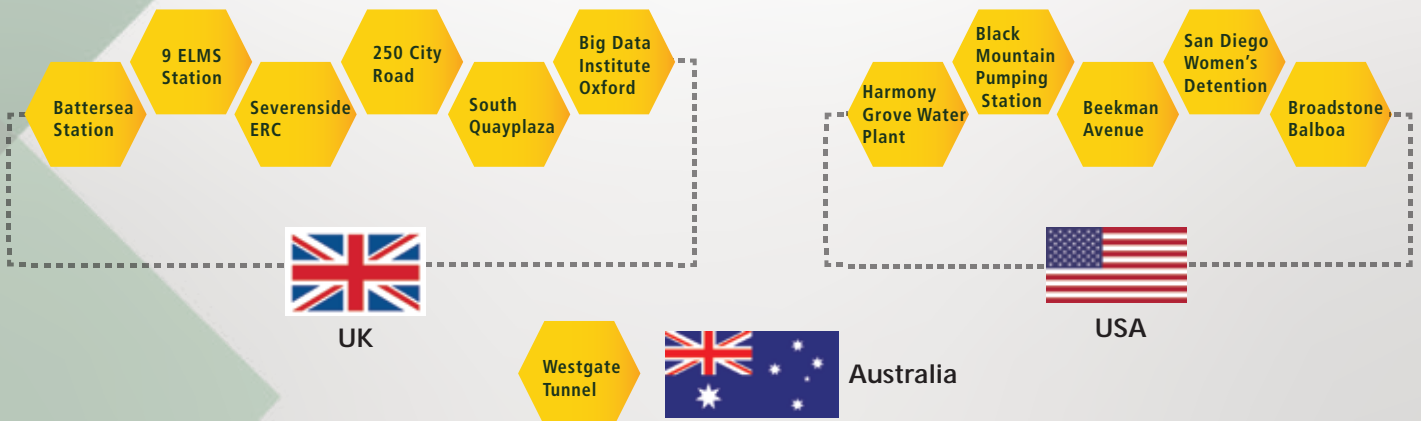
Mumbai Trans Harbour Link (MTHL)

4,50,000+
Metric ton of
Rebar Detailing
& BBS

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

- MODE OF MEASUREMENT: IS 1200, SMM7, CESMM4, POMI, ARM4

CLIENTS

Goony PROPERTIES

Shapoorji Pallonji

HCC

AFCONS

Mahindra Lifespaces



SAIFEE BURHANI
UPLIFTMENT TRUST

TATA REALTY AND INFRASTRUCTURE LIMITED



SWINERTON



GRANITE

MARTIN HARRIS CONSTRUCTION

BHIMJYANI REALTY



KG CONSULTING

AMPCO CONTRACTING, INC.

MARITIME CONSTRUCTIONS



QS & COST CONSULTANCY

◆ WHATEVER YOU DRAW, WE CAN TAKE OFF ◆



CHENAB BRIDGE

“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.



7.5 Million Sq. Ft Bhandi Bazaar Cluster Development

“GEM Engserv has satisfactorily completed Quantity Surveying & Cost Estimation for Saifee Burhani Upliftment Project,,

General Manager (Contracts) - SBUT Pvt Ltd.

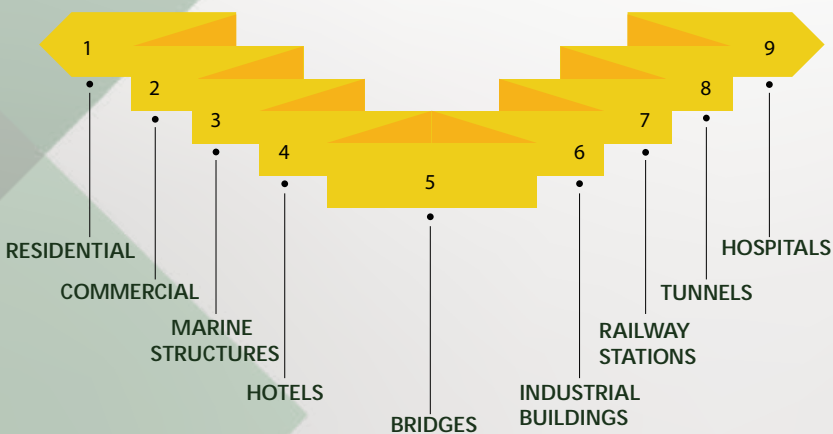


Neelkanth Woods

“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 LLM, Ph.D
Director



Mr. Shashank Vaidya
Director



Mr. Shailesh Mirkar
Vice President



Mr. Ranjit Patil
Vice President



Mr. Sanjiv Anand
Chief Operating Officer



Mr. Hemant Sonawane
General Manager

CLIENTS





ORGANIZED BY
skill groomers

2500+
Industry Professionals
Trained & Certified



COURSES DELIVERED SO FAR...

Concrete Mix Design

Quality management in concrete construction

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

Value Engineering in Construction

Design Engineering for Construction Professionals

Art & Science of Decision making for project execution

Construction Contracts

Basic of construction project management

Management of reinforcement works

Project Operations

Work Life Balance

Stress Management

Communication Skills for Engineers



★ ★ ★ ★ ★ 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

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.



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.



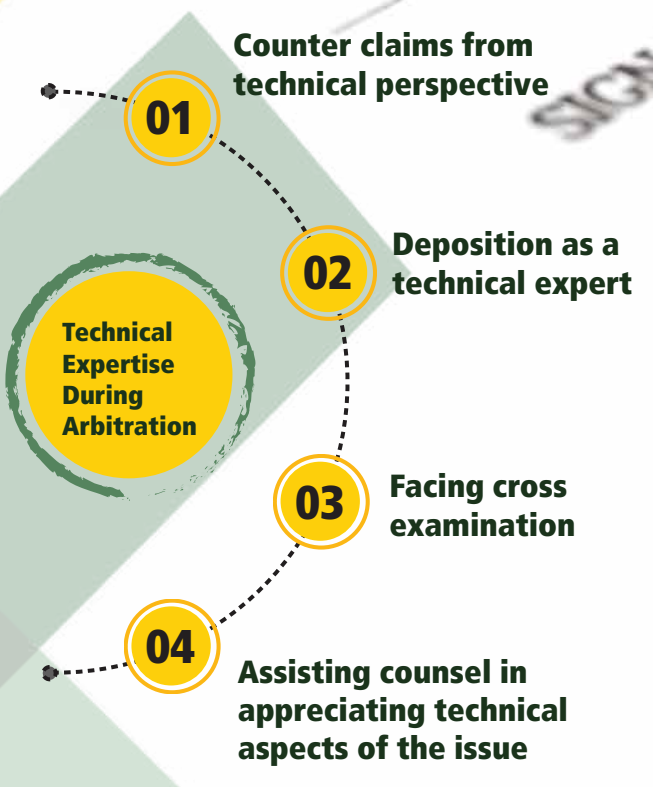
METHODOLOGY

- 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.

SERVICES



Assignment. The Contractor shall...
Agreement. The Contractor shall...
the prior written consent of the Commission





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

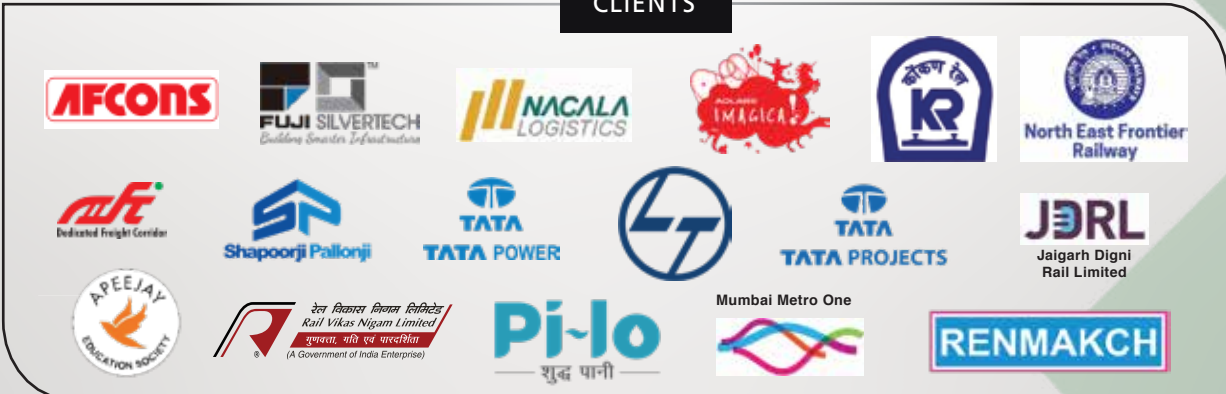
METHODOLOGY

- 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

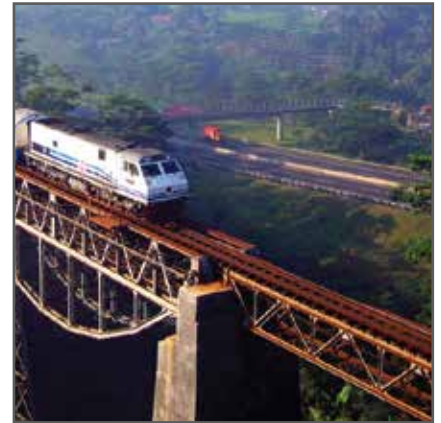
CLIENTS





Substructure design
for railway bridges

RAIL Structure Interaction
Analysis for railway bridges



Diagnosis of cracks in a port structure
in West Africa

Structural Audit of a
commercial building



Audit / Inspection of a
suspension bridge



TALENT ACQUISITION

WHAT

SERVICES

- Recruitment of site and office based staff
- Employee profile background checks
- Off-role staffing solutions
- Corporate training and open programmes
- Advisory for competency mapping

WHY

IMPORTANCE

- Identifying right fit for key profiles is critical
- External support helps establish right pay for the right job
- Culture fit between employer and employee is essential
- Background checks ensure that there are no surprises

HOW

METHODOLOGY

- Extensive profiles database for all positions
- Quick screening of profiles during identification
- Three levels of interviews before reviewing CVs
- Right first time approach for evaluation on culture fit

STANDARDS & SOFTWARE

- Extensive In-house profile database, Naukri Portal

CLIENTS





Trusted Partner for Tailored Solutions

GEM Engserv takes complete ownership for onboarding of clients and follows the robust talent acquisition strategies to meet your deadlines and objectives. We believe in conceptualising and creating plan as per your tailored needs.

With the extensive use of our network across industries and using various talent sourcing channels, Skill Groomers has been a trusted talent solutions partner for many reputed companies across India and globally.

SECTORS SERVED

- REAL ESTATE
- INFRASTRUCTURE
- INDUSTRIAL
- OIL & GAS
- POWER

1500+ Candidates recruited domestic & international

2500+ Industry Professionals trained

250+ Partnered with clients globally

100% Client satisfaction

TEMPING / OFF ROLE MODEL

The secondment services model of GEM Engserv allows clients to onboard skilled workers for specific projects without incurring the costs and liabilities associated with hiring permanent staff. This module offers flexibility and versatility, as staff can be easily swapped in and out as project requirements change.

This module eliminates the need for clients to take on payroll liabilities, making it an ideal solution for companies looking for cost-effective and low-risk staffing solutions.

RECRUITMENT MODEL

The recruitment model of GEM Engserv provides a comprehensive solution for companies looking for long-term staffing solutions and offers greater stability for employees.

The main benefit of this module is that it provides clients with the ability to fully integrate new employees into their organization and offer benefits and opportunities for career development.

WHY GEM ENGSERV ?

OTHERS Basic and generic understanding	OUR TEAM Complete understanding of Industry, Functions & Roles	OTHERS Single level screening process	OUR TEAM Multi-level screening with final evaluation by industry experts
OTHERS Fixed standard process	OUR TEAM Customised & flexible recruitment process	OTHERS High Effort evaluating CVs	OUR TEAM Save your efforts and time for finding Best fit candidates



SAFETY MANAGEMENT SERVICES

SERVICES

WHAT

- Conduct one-time OR period SHE Audit of an ongoing construction project
- Provide Third-party Safety Deployment

IMPORTANCE

WHY

- Third-party safety deployment is needed because safety management is no longer just a philanthropic act but is now aligned with business objectives
- The potential consequences of ignoring safety can be huge, counterproductive, and detrimental to the growth of the business
- Audit by an independent agency is more effective in assessing the implementation of safety practices because they provide an unbiased and objective evaluation
- Independent safety professionals are more effective in ensuring safety protocols than in-house resources with the same level of competence

METHODOLOGY

How

- **THIRD-PARTY SAFETY MANAGEMENT**
 - The Safety Management service proposed by GEM will require the full-time deployment of a safety manager, officer & supervisor
 - The scope of the activities performed by them and their deliverables are as per the best practises with respect to roles and responsibilities
- **SAFETY AUDIT**
 - The audit will be on a sample basis based on the stage of construction. During the audit, auditors will cover various work fronts and all facilities
 - The audit report will include assessment of the status of implementation of OHS measures and recommendations for improvement

WHO CAN USE

- Real estate developers
- Owners of under construction infrastructure projects
- Contractors

CLIENTS

