

GM

GALMAN ENGINEERING

Oil & Gas Engineering Services

Engineering *Excellence*

for Oil & Gas

Civil & Structural Engineering Consultancy

Offshore · Onshore · Drawings · MTO · As-Built

18+

YEARS COMBINED
TEAM EXPERTISE

8+

SOFTWARE
PLATFORMS

6

INTERNATIONAL
CODE STANDARDS

24H

RESPONSE
GUARANTEE

CONTACT US

+91-93443 38819

contact@gm.com

Plot No.12, Ullagaram, Chennai - 600 091, India

— ABOUT GALMAN

Precision Engineering, *Expert-Led.*

GalMan Oil & Gas Engineering Services is a specialised civil & structural engineering consultancy led by the Managing Director and a dedicated technical team. We deliver offshore, onshore and documentation services to the global Oil & Gas industry with the agility of a boutique firm — combining senior expertise with junior talent in a balanced team with **18+ years of combined detailed engineering design experience.**

WHY GALMAN

- MD-led quality assurance on every deliverable
- Design & Drawing Checklists — zero shortcuts
- 24-hour response guarantee on all enquiries
- Strict NDA & data confidentiality on all projects
- White-label & sub-contracting partnerships welcome
- Global code expertise: American, European, Norsok, Russian, British, ADNOC & Saudi Aramco standards

THE GALMAN TEAM

- **J. Nathiya**
MANAGING DIRECTOR
M.E. (Structural Engineering)
- **Structural Team**
SENIOR & JUNIOR ENGINEERS
SACS · STAAD Pro · Foundation 3D
- **Design Team**
SENIOR & JUNIOR DESIGNERS
AutoCAD · Tekla · E3D · BricsCad

— INDUSTRIES & SECTORS WE ARE EQUIPPED TO SERVE

- Petrochemical
- Refinery
- Onshore Projects
- Offshore Projects
- EPC Projects
- Vendor Design Support

— WHAT WE DO

Our Core *Services*

Offshore Engineering 1

- Fixed jacket: in-place, seismic, fatigue & pushover
- Topside module & FPSO structural design
- Lifting, loadout, transportation analysis
- Conductor, caisson & pile design

Onshore Engineering 2

- Pipe rack, sleeper, cable tray structures
- Equipment support & skid base frames
- Foundation design: isolated, pile cap & raft
- Petrochemical, refinery & LNG packages

Drawings & MTO 3

- GA, RCC & structural steel drawings
- IFC-ready construction issue packages
- Material take-off: concrete, rebar, steel
- BOM compilation & procurement support

As-Built Drawings 4

- IFC to as-built conversion
- Survey-verified mark-up incorporation
- 3D model updating: E3D, PDMS, S3D
- Final drawing register management

BOM & MTO Works 5

- Concrete volume & rebar tonnage takeoff
- Structural steel weight estimation
- Earthwork & anchor bolt quantities
- Excel-driven rule-based MTO

Vendor Design Support 6

- Structural adequacy check of vendor skids
- Drawing verification for package units
- Nozzle load & local stress checks
- Interface drawing preparation

Project Based Support 7

- Dedicated engineering team allocation
- Scheduled manhours & milestone delivery
- Priority SLA & progress reporting
- Flexible team scaling per project phase

Collaborate & Partner 8

- Sub-contracting for EPC/EPCM companies
- White-label engineering services
- Framework agreements for design needs
- Joint venture & proposal support

— TECHNOLOGY STACK

Engineering *Software & Tools*

MODELLING SOFTWARE

- **E3D (AVEVA)**
3D plant modelling & review
- **S3D (SmartPlant 3D)**
Integrated plant 3D design
- **Tekla Structures**
Structural BIM & detailing
- **AutoCAD**
2D drafting & documentation
- **BricsCad**
DWG-compatible CAD drafting
- **PDMS**
Plant design management system

DESIGN & ANALYSIS SOFTWARE

- **SACS V16**
Offshore structural analysis
- **STAAD Pro V8i**
Onshore structural design
- **Foundation 3D**
Foundation engineering & design
- **MAT 3D**
Raft & mat foundation analysis
- **NAVISWORKS**
3D coordination & clash detection
- **RAM Connection**
Steel connection design

— CODES, STANDARDS & CLIENT SPECIFICATIONS

American

API-RP2A · AISC · ASCE · ACI · AWS

European

Eurocode 0-9 · EN 13480 · DIN

British

BS 5950 · BS 8110 · BS EN codes

NORSOK

N-001 · N-004 · N-006 · Offshore Norway

Russian

SP · SNIP · GOST structural codes

ADNOC

DEP · ADNOC civil & structural standards

Saudi Aramco

SAES · SAMSS · Engineering specifications

— TRANSPARENT RATES

Our Pricing

Cost-effective solutions without compromising quality. All rates are competitive and clearly defined.

MOST POPULAR

PER HOUR / ACTIVITY

**Freelance
Consultation**

\$29

per hour per activity

- Structural Design & Analysis
- Detailed Engineering & Drawings
- Material Take-Off (MTO)
- Vendor Design Support

PER DRAWING SHEET

**Drawing
Package**

\$35

per sheet (A1 / A0)

- GA & Construction Drawings
- RCC Reinforcement Detailing
- Structural Steel Drawings
- As-Built Documentation
- IFC-Ready Deliverables

PROJECT RETAINER

**Dedicated
Support**

Custom

tailored to scope & duration

- Dedicated Engineering Team
- Scheduled Manhours
- Milestone-Based Delivery
- Priority Turnaround & SLA
- Monthly Progress Reporting
- NDA & Confidentiality

— OUR COMMITMENT TO YOU

QA

Quality Output Assured

Quality Team · Design & Drawing Checklists

24H

24-Hour Response

Responsive & Transparent Communication

NDA

Full Confidentiality

NDA-Ready · Data Security Assured

GM

GALMAN OIL & GAS

ENGINEERING SERVICES

Start Your *Project Today.*

Whether it's a full structural study, a drawing package or an MTO —
we respond within 24 hours. Reach out via any channel below.

PHONE / WHATSAPP

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EMAIL

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ADDRESS

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OUR SERVICES

Offshore Engineering · Onshore Engineering · Drawings & MTO · As-Built · BOM / MTO · Vendor Design · Project Support · Partnership

Codes & Standards: API-RP2A · AISC · BS 5950 · Eurocode · NORSOK · GOST · ADNOC DEP · Saudi Aramco SAES