// MEP ENGINEERING FOR U.S. CONSULTING FIRMS

More engineering capacity. No new hires.

A US-registered company with 21 qualified MEP engineers in Ahmedabad, working as an extension of your team under your engineer of record. Take on more projects without adding overhead.

300+	21	10	Overnight
projects delivered	qualified MEP engineers	long-term client accounts	turnaround on redlines

Sound familiar?

THE PROBLEM → OUR ANSWER

Deadlines pile up and your team is at its limit.	→ Send us the overflow. Our mechanical, electrical and plumbing engineers pick it up, so your staff stays on the work only they can do.
Hiring a U.S. engineer takes months and adds fixed cost.	→ Add capacity when projects come in. No recruiting, no training, no payroll. We are continuously expanding the team, so we can take on more work as it comes.
You worry about quality you can't see.	→ Two-level QC on every set. The project engineer checks it against our standard QC checklist, then a senior engineer reviews it against the governing code edition and the AHJ's amendments.
Healthcare and specialist work need real experience.	→ Our founder spent seven years at IMEG Corp, roughly 95% on healthcare, including HCAI and OSHPD projects. We also run arc flash and harmonic studies in-house.

We don't just draw what you send us.

If a duct route won't fit above the ceiling, a panel is undersized, or a fixture count fails IPC, you get a redline and a proposed fix — not a drawing of the problem. We flag the conflicts we notice; you decide what to do with them.

NexMEP Global LLC
ENGINEERING & PRODUCTION PARTNER
MEP ENGINEERING • BIM • DRAFTING • CALCULATIONS • QA/QC

Full MEP engineering, issued under your seal.

Scoped by discipline and by phase, so you can price us into your own proposal without a call.

Mechanical

- Commercial loads in Carrier HAP; residential Manual J, D and S in Elite RHVAC
- Equipment selection and schedules
- Duct and hydronic sizing, static pressure
- Ventilation to ASHRAE 62.1
- Details, sections, sequences of operation

Electrical

- Load calcs to NEC Article 220
- Service and feeder sizing, one-lines
- Panel schedules, voltage drop checks
- Lighting with photometrics to IES
- Low-voltage and structured cabling
- Solar PV layouts and interconnection

Plumbing

- Fixture units and sizing per IPC / UPC
- Domestic water pressure and pump calcs
- Sanitary, vent and storm layouts
- Riser diagrams, fixture schedules
- Natural gas load and sizing

EVERY DISCIPLINE, EVERY PHASE	SD	DD	CD	PERMIT	SUBMITTALS & RFIS	RECORD DWGS
Mechanical	●	●	●	●	●	●
Electrical	●	●	●	●	●	●
Plumbing	●	●	●	●	●	●

Permit & construction

- Permit document sets
- Plan review comment responses
- Submittal review
- Contractor RFI responses

Energy compliance

- COMcheck, IECC, ASHRAE 90.1
- California Title 24 Part 6 in EnergyPro
- Florida energy code in EnergyGauge
- State and local amendments

Specialist studies

- Short circuit and fault current
- Protective device coordination
- Arc flash to IEEE 1584 and NFPA 70E
- Harmonic analysis to IEEE 519

Fire protection, civil and structural are delivered through a vetted extended team, contracted and managed by us as a single NexMEP scope — one point of contact, one invoice. MEP stays in-house.

Healthcare depth — seven years, roughly 95% healthcare

Our founder spent seven years at IMEG Corp's India office, mostly on healthcare, including HCAI and OSHPD work in California. Pressure relationships, air changes and filtration to FGI Guidelines and ASHRAE 170, essential electrical systems to NFPA 99 and NEC Article 517, medical gas and vacuum. Healthcare packages get senior review.

CODES WE WORK TO

ASHRAE 62.1 · ASHRAE 90.1 · ASHRAE 170 · FGI · IMC / UMC · IPC / UPC · NEC · NEC 517 · NFPA 99 · NFPA 70E · IEEE 1584 · IEEE 519 · IECC · CA Title 24

BUILDING TYPES

Medical office · Clinics · Multifamily · Single-family · Restaurants · Retail & c-stores · Churches · Cultivation · Fitness · Hospitality · Tenant improvements · Light industrial

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Six clear steps. No surprises.

You always know the fee, the date and who is working on your set.

01
You send the files
Drawings, markups or a project brief, by email. Need an NDA first? Download ours, or send yours and we'll counter-sign it.

02
Fixed fee in 24 hours
A fixed fee, the scope in plain words, assumptions and exclusions, and a committed delivery date.

03
Kickoff
A short call to confirm scope, your standards and the deadline. No documented standards? We match a previous set of yours.

04
Engineering & drafting
Your M, E and P engineers work to the agreed dates, with written status at each milestone. Our founder is copied on every project email.

05
Two-level QC
The project engineer against our standard QC checklist, then a senior engineer against the governing code edition and the AHJ's amendments.

06
Delivery, then we stay on it
Native files and a flattened PDF set in your title block. Then plan review responses, submittals and contractor RFIs.

The overnight cycle

FOR REDLINES & REVISIONS

U.S. · END OF DAY
You send redlines
Email them before you leave.

→

AHMEDABAD · WORKDAY
We revise and check
Changes made, QA/QC done, while you sleep.

→

U.S. · NEXT MORNING
Ready in your inbox
Review it first thing, checked.

Two call windows every working day — one in your morning, one in your evening, set to your own timezone. Pick one and it becomes your standing window.

Stage 1 — Project engineer

- Model and drawing check against our standard QC checklist
- Layer, family and naming compliance
- Sheet set completeness — tags, schedules, legends
- Cross-sheet consistency and reference checks

Stage 2 — Senior engineer

- Code review against the governing edition and AHJ amendments
- Calculation verification and sizing checks
- Cross-discipline coordination and clash review
- Constructability and access for maintenance

Neither stage is skipped on fast-track work. If a schedule can't carry both, we quote a date that can.

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A complete set, numbered to your convention.

This is the structure we work to where you don't have one of your own.

Mechanical	
M-001	Legend and general notes
M-101	Floor plans
M-201	Roof and mechanical room
M-301	Sections and details
M-401	Equipment schedules
M-501	Controls and sequences

Electrical	
E-001	Legend and general notes
E-101	Lighting plans
E-201	Power plans
E-301	Systems and low-voltage
E-401	One-line diagram
E-501	Panel schedules

Plumbing	
P-001	Legend and general notes
P-101	Underground and sanitary
P-201	Domestic water and gas
P-301	Riser diagrams
P-401	Schedules and details

WHAT STAYS IN YOUR CONTROL

Your seal, your client

Your PE is engineer of record and retains professional responsibility. We never stamp drawings.

Your clients stay yours

We work only for consulting engineering firms — never directly for architects or owners. Non-solicitation is in the agreement.

Your standards

Your templates, title blocks and layer standards, with native files back. No written standards? We match a sample project.

Your own project login

A private login to our server with access to your projects only — CAD files, PDFs and calculations, downloadable any time without asking. Or we work in your ACC or BIM 360, whichever you prefer.

Your work, protected

Mutual NDA on request. Backed up on a local server, on-site drives and cloud.

We don't publish your projects

No client names, no project names, no case studies. We show how we draw. We never show what we drew.

CONTRACTING WITH US

U.S. company, U.S. law | Texas business address | U.S. bank account, USD | No wires or FX fees | W-8BEN on request | U.S. phone — reaches the founder

Start with one set.

Send one set of redlines or a small project. You get a fixed fee and a delivery date up front, and we stay with it through plan check and into construction. Judging the drawings is faster and more reliable than judging the conversation.

Sample sets and client references on request, under a mutual NDA.

Hemin Shah
Founder & principal engineer
Mechanical engineer, 10 years
7 of them at IMEG Corp

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NexMEP Global LLC is a US-registered company with its primary US business address in Austin, Texas, and 21 qualified MEP engineers in Ahmedabad, India, delivering engineering and production support under our clients' engineers of record. Entity documents and tax forms on request.