



SUPPLIX

Full Platform Documentation

I. Platform Overview

II. Roles & Journey

III. Curation & Settlement

IV. Architecture & Changelog

The bilingual events-industry marketplace for Saudi Arabia & the Gulf — multi-section BOQ requests, an anonymized 3-tier curation engine, PO/promissory settlement, two-way ratings, and a full admin platform.
Version 2.

3

ACCESS PANELS

93+

ROUTES & APIS

6

ROLE WALKTHROUGHS

AR / EN

BILINGUAL · RTL

• BOQ · Curation · Escrow · Settlement · Admin



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Supplix Marketplace Platform

Saudi Arabia & the Gulf · Events & equipment sector

Version 2.1 · July 2026

Confidential — prepared for the client

PART I • PLATFORM OVERVIEW

01

Executive summary

What Suplix is, and what changed in version 2.

Suplix is a specialized B2B marketplace that connects event organizers (clients) with vetted equipment and service suppliers across Saudi Arabia and the Gulf. Version 2 reshapes the core around the way the industry actually procures: a detailed **bill of quantities (BOQ)**, an **anonymized three-tier curation** of offers, and settlement via **purchase order and promissory note** backed by escrow.

The headline differentiator: for every BOQ section the platform surfaces three real offers — the best value, the closest-to-average, and the premium — with the platform commission already baked into the displayed price and supplier identities hidden until award. Clients compare like-for-like, free of bias.

3

Access panels: client ·
vendor · admin

3-tier

Anonymized curation

2-way

Ratings

100%

Arabic-first, bilingual

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PART I · PLATFORM OVERVIEW

02 Roles & access panels

Three primary panels, plus granular staff roles.



Client / Buyer

Event organizers. Build BOQ requests, compare curated offers, award, settle and rate suppliers.



Vendor / Supplier

Receive matched requests, quote per section, manage a verified profile (logo, cover, portfolio), and get paid via escrow.



Admin / Operator

Verify suppliers, oversee requests, orders, disputes and payouts, manage content, and read live analytics.

Staff role matrix

ROLE	SCOPE
Super admin	Full platform control, including roles and settings.
Admin	Users, vendor verification, listings, categories, requests, orders, reviews.
Finance	Orders, payments, payouts and financial reports.
Support	Requests, tickets, disputes and reviews.
Vendor	Own profile, listings, offers, projects, billing and verification.
Client	Own requests, offers, orders, messaging and ratings.

Authentication: passwordless OTP → signed JWT in an http-only cookie. A one-click demo login (client / vendor / admin) is available for evaluation; the on-screen OTP code and demo logins are demo conveniences to be gated before public launch.

PART II • THE END-TO-END JOURNEY

03 From BOQ to award — the flow

Six stages, fully inside the platform.

1 Register & post a BOQ

The client registers with company name, CR and VAT, then builds a multi-section bill of quantities (e.g. AVL, production, catering) with itemized line items and attachments.

2 Smart fan-out

Each section is routed to the suppliers specialized in that category — the right request reaches the right vendors automatically.

3 Anonymized 3-tier curation

Suppliers quote per section. For each section the platform presents three real offers — best value, closest-to-average and premium — with commission baked in and identities hidden.

4 Select & award

The client selects one offer per section; on award the project total is computed, supplier identities are revealed, and a Suplix-branded final quotation PDF is generated.

5 PO & settlement

The client uploads a purchase order / award letter and chooses settlement — promissory note (due 14 days after project start) or SADAD — under escrow protection. The project moves to in-progress.

6 Delivery & two-way ratings

On completion both parties rate each other: the client rates the supplier, and the supplier rates the client on clarity, approval speed, financial commitment and communication.

Gated communication: during bidding both sides remain anonymous — direct messaging only opens once a supplier is awarded, preserving a fair, bias-free comparison.

PART III · CURATION & SETTLEMENT

04 The anonymized 3-tier curation engine

The core of the platform's value.

★ **Three offers, zero bias** Lowest · closest-to-average · highest — shown as Supplier A / B / C.

TIER	SELECTED AS	SHOWN TO CLIENT
Best value	Lowest section price	Supplier A · price + commission
Mid-range	Closest to the average	Supplier B · price + commission
Premium	Highest section price	Supplier C · price + commission

- ✓ **Commission baked in** — the platform fee is included in every displayed price; the supplier's raw price is never shown.
- ✓ **Identity hidden** — only rating, portfolio thumbnails and certifications appear until the client awards.
- ✓ **Per-section selection** — choosing an offer locks that section and declines the rest.

05 Settlement, escrow & ratings

Real-world procurement, digitized.



Final quotation

Supplix-branded PDF with per-section totals, VAT and project total — download or email.



PO & promissory

Upload PO / award letter; promissory note due 14 days after project start, or SADAD.



Two-way ratings

Supplier rates the client on clarity, approval speed, financial commitment and communication.

ZATCA e-invoicing (v2.1): once a project is awarded, the platform issues a bilingual فاتورة ضريبية (tax invoice) with a strictly sequential number (INV-YYYY-#####), an immutable stored snapshot, and the

mandatory **Phase-1 QR code** — Base64 TLV of seller name, VAT number, timestamp, total and VAT — verified scannable. The platform's tax identity (legal name, VAT, CR, address) is editable in admin settings.

PART IV · EXPERIENCE, ARCHITECTURE & CHANGELOG

06

Showcase, help & design system

Conversion surfaces and the visual language.



Showcase page

A premium **/showcase** page with three role walkthroughs (client, vendor, admin) as real screen-recorded videos — one per language, six in total — with animated captions, background music, and a per-video sound toggle, plus a how-it-works flow and platform details.



Help center & guide

A bilingual **/help** center with role guides and a searchable FAQ, plus an on-page contextual guide available on every page via the support widget.

Design system

- ✓ **Official violet brand** — the Suplix identity applied site-wide, including PDFs.
- ✓ **Dark mode** — full dual-mode with a theme-aware logo (violet on light, white on dark) that stays legible everywhere.
- ✓ **Bilingual RTL / LTR** — Arabic-first with Cairo, English with Inter; logical properties throughout.
- ✓ **Premium polish** — mesh + grain hero textures, tinted shadows, balanced headings and tabular figures.

Next.js 16

React 19

Tailwind v4

Violet brand

Dark mode

RTL / LTR

PART IV · EXPERIENCE, ARCHITECTURE & CHANGELOG

07 Technical architecture

A real full-stack application, deployed live.

Frontend	Next.js 16 App Router · React 19 · TypeScript · Tailwind CSS v4 · bilingual provider (RTL/LTR)
API	Next.js Route Handlers — requests, offers, curation, award, settlement, ratings, vendor profile, auth
Data	Prisma 6 ORM · PostgreSQL (Neon, eu-west-2) · additive migrations applied on deploy
Auth	OTP → signed JWT (jose) in an http-only cookie; role-based access control
Storage / media	Vercel Blob for uploads (PO, logo, cover); screen-recorded role videos served as static assets
Hosting	Vercel — production at supplix-demo.vercel.app; build runs migrate-deploy then next build

Security posture (demo): security headers and JSON-LD are in place. Real SMS/email/payments require provider keys (Unifonic/Twilio · Resend · Tap/Moyasar); the on-screen OTP and one-click demo logins must be gated before a public launch. The database credential used during development should be rotated.

Status

CAPABILITY	STATE
Marketplace data loop (request → offer → curation → award → settle → rate)	Live
ZATCA Phase-1 tax invoices (sequential, immutable, QR-verified)	Live
Email notifications (5 events) + admin outbox with live preview	Live
Showcase videos, help center, on-page guide	Live
Demo conveniences (one-click logins, on-screen OTP)	Env-gated for launch

PART IV · EXPERIENCE, ARCHITECTURE & CHANGELOG

08

What's new in v2 — changelog

Everything delivered in this release.

- ✓ **Multi-section BOQ requests** with itemized line items and attachments, plus richer CR/VAT/company registration.
- ✓ **Anonymized 3-tier curation engine** — best value / mid / premium per section, commission baked in, identities hidden.
- ✓ **Per-section selection** and **gated messaging** (contact opens only after award).
- ✓ **Award flow** with project total and **Supplix-branded final quotation PDF** (download or email).
- ✓ **PO / award-letter upload** and **promissory-note / SADAD settlement** under escrow.
- ✓ **Two-way ratings** — suppliers now rate clients as well.
- ✓ **Showcase page** with six real role walkthrough videos (AR/EN), captions, background music and sound toggle.
- ✓ **Help center** (bilingual, searchable) and an **on-page contextual guide** on every page.
- ✓ **Vendor branding** — functional logo & cover upload with a polished empty state.
- ✓ **Design** — official violet brand, dark mode with a theme-aware/legible logo, and premium typography/texture polish.
- ✓ **One-click demo login** (client / vendor / admin) for fast evaluation.

Added in v2.1 (July 2026)

- ✓ **ZATCA-compliant tax invoices** — bilingual فاتورة ضريبية with sequential numbering (INV-YYYY-#####), immutable snapshots, and the mandatory Phase-1 QR (TLV), verified scannable; tax identity editable in admin settings.
- ✓ **Email notification system** — premium branded templates (OTP, quotation, five event notifications) with an **admin email outbox**: every generated email persisted, browsable and previewed live in the panel.
- ✓ **Premium admin panel** — grouped, collapsible sidebar rail; fixed analytics (locale numerals + GMV trend); full dark-mode contrast pass.
- ✓ **Interactive dashboards** — animated KPIs, quick-action tiles, and per-request journey progress bars for clients and vendors.
- ✓ **Launch hardening** — all demo conveniences behind a single environment flag (NEXT_PUBLIC_DEMO_MODE), OTP bodies redacted from the outbox once a real provider is live, users can register a notification email.

Recommended next steps: integrate a payment gateway (Tap or Moyasar) and SMS/email providers, gate demo conveniences, rotate the development database credential, and seed richer demo data for sales demonstrations.

Supplix

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