

Arab Tower Electromechanical Cont. L.L.C.

Final Scope Enquiry & Compliance Confirmation

Project: Unified Digital Ecosystem (App + Web + CMS + Profiles + Social Media)

Submission Deadline: Tomorrow, 6:00 PM (UAE Time)

Submit via: Faisal@burjarab.ae | WhatsApp: +971559990551

Cross-Platform Mobile App (iOS, Android, iPad, Tablet)

Technology: Flutter (preferred) or React Native

Target Users: Staff, Admins, Clients (View-only)

Core Functionalities:

- Secure Login (Firebase / OAuth / JWT)
 - Quotation Upload (PDF/Image/Excel)
 - AI Line-Item Extraction (Editable)
 - Task Assignment & Live KPI Timer
 - GPS Attendance + Optional Photo
 - Tagged Progress Photo Uploads (Before/During/After)
 - File Upload per Task/Project
 - AI-generated Gantt Execution Plan (Editable)
 - PDF/Word Auto-Report Generation with Notes
 - Chat (Project/Dept Based, Real-Time)
 - Resource Allocation (Tools/Vehicles/Manpower)
 - Inter-project Resource Transfer (QR Scan)
 - Push Notifications
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Web Admin Panel (React.js/Next.js)

Core Features:

- Role-Based Login & Management (Admin/Engineer/Supervisor/Client)

- Project Dashboard (KPIs, Tasks, Attendance)
 - CRUD: Tasks, Staff, Projects, Files
 - Material/Petty Cash Approval Flows
 - Reports (PDF, Excel, Word Export)
 - Chat Monitoring/Moderation
 - CMS Access for Blog/News/Knowledge Hub Posts
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Public Website (SEO Optimized + CMS)

Technology: Headless WordPress / Strapi / Sanity.io / Custom

Features: Responsive design (mobile/tablet/desktop), CMS editable

Required Pages:

- Home
- About
- Services (**unlimited**)
- Products (**unlimited**)
- Projects (Gallery, Case Studies)
- Knowledge Hub (Videos, Blogs, Tutorials)
- News & Blog
- Request Quote / Site Visit
- Contact

Mandatory Features:

- Staff & Client Login Portal (Future Ready)
 - Weekly Blog + News Uploads
 - AI Chatbot (Escalation to Human Contact)
 - Social Auto-Sync (Blog → Social)
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Products to be Featured (Expandable, Unlimited)

- Diesel Generators (LV & HV up to 5000 kVA)
- Switchgear / ATS / Synchronization Panels
- UPS, PFC Panels, Stabilizers, AHF

- Transformers, Canopies, Fuel Tanks & Systems
 - Solar Systems, Smart Panels (IoT), STPs
 - Generator Repairs, Governors, Fire Suppression
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Services to be Featured (Expandable, Unlimited)

- MEP, Electrical (LV/MV/HV), Solar EPC, Smart Integration
- Fuel, Fire, Generator, Cable, ATS Systems
- Load Testing, Panel Refurbishment, Drawings/Submittals
- Civil: Foundations, Lighting Poles, Fencing

CMS must allow product/service expansion without developer support.

Company Profiles (CMS Editable + Exportable)

- Mini Profile (4–6 pages) – For tenders
 - Full Profile – Multi-page (No restriction; matches older versions)
 - Print-ready + Editable PDF Outputs
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Social Media Setup

- Platforms: LinkedIn, Instagram, Facebook, YouTube, TikTok, X, Pinterest
 - Deliverables: Account Setup, Banner, Bio, Templates, Highlights
 - Sync: Weekly Content Pull from Website CMS
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AI & Automation Modules

- AI Quotation Parser (Texttract / Google Vision / OCR)
 - Auto-Execution Plan (Gantt Chart) + Editable
 - Auto Blog-to-Social Posting
 - AI Chatbot + Human Escalation (Supervisor/Admin)
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Tech Stack Standards

- Mobile: Flutter / React Native

- Web: React.js / Next.js
 - Backend: Node.js / Django / Laravel
 - DB: MongoDB / PostgreSQL / MySQL
 - Hosting: Firebase / DigitalOcean / VPS
 - CMS: Strapi / Headless WP / Sanity.io
 - Notifications: Firebase Cloud Messaging
 - Auth: Firebase / Auth0 / JWT
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Timeline & Support

- **Timeline:** Max 60 calendar days
 - **Support:** 60 Days Free + \$200/month Maintenance
 - Weekly Updates (Blog + Social)
 - Bug Fixes + Basic Maintenance
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Milestone-Based Payment Schedule (Total = 100%)

Milestone	Stage Description	% Payment
M1	UI/UX Wireframes for App, Admin, Website	5%
M2	Figma Design Mockups for App & Website	5%
M3	Mobile App Base Screens & Navigation	5%
M4	Admin Panel Layout + Role Access	5%
M5	Website Structure + Homepage, Header/Menu Design	6%
M6	Backend Architecture, DB, User Auth	6%
M7	AI OCR Integration + Editable Line Items	7%
M8	Task Management + Execution Plan (Gantt Generator)	6%
M9	Attendance + Chat + File Upload Features	7%
M10	Blog CMS + Knowledge Hub + Social Auto-Sync	7%
M11	Mini & Full Profile Content Upload + Export	7%
M12	Social Media Branding Setup + Calendar & Templates	7%
M13	Testing + Deployment + App/Web Hosting	7%
M14	Training, Source Code, Documentation Handover	10%
M15	30-Day Live Run Completion + Final QA	10%

Confirmation Required

Please reply with:

1. Full scope compliance (Yes/No, with deviations)
2. Final fixed quote (USD)
3. Timeline (Max 60 Days)
4. Tech Stack (Frontend, Backend, DB, CMS)
5. Monthly Maintenance Acceptance (\$200/month max)
6. Milestone Schedule Acceptance
7. Acknowledgement of email + WhatsApp as primary comms

Important Clarification on Scope Integrity & Future Collaboration

While every effort has been made to comprehensively outline the technical, functional, and operational scope of this project, the candidate is expected to acknowledge that **minor additions, refinements, or reasonable amendments may arise** during the development process. These adjustments—such as UI alignments, API formatting, or content structuring—shall be considered inherent to the original scope and **not treated as chargeable variations** unless they materially alter the functionality or create significant new modules.

This project must be approached as **a single unified solution**, not a fragmented build. The expectation is mutual respect, flexibility, and a proactive attitude in solving problems, not frequent commercial renegotiation over trivial technical refinements.

All shortlisted candidates are therefore **required to download the full compliance document**, review each item carefully, and **submit a point-by-point compliance response**:

- Mark “**Yes**” under each item if compliant.
- If not compliant or if proposing an alternate, **clearly explain under the “Notes” column**.
- Unsubstantiated comments, vague objections, or repeated requests for clarification **after submission will not be entertained**.

This approach ensures both parties are fully aligned and committed to the delivery of a robust and future-ready system.

Lastly, it is important to note that **this is the first of four anticipated digital ecosystem builds** within our group. The manner in which the candidate handles communication, delivery, and collaboration in this first project will significantly impact selection for future engagements.

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We look forward to your confirmation.

Regards,

Faisal Maqsood

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