**Vendor Development Team Composition & Technical Skills**

**For Electronic Incident Management Software (RFP #25-1063)**

To successfully deliver the project per the **San Diego Convention Center's requirements**, the vendor should assemble a cross-functional team with the following roles and technical expertise:

**1. Core Team Structure**

\*(Recommended for a 6-month development timeline)\*

| **Role** | **Team Size** | **Key Responsibilities** |
| --- | --- | --- |
| **Project Manager** | 1 | Oversees timelines, budgets, and stakeholder communication. |
| **Solutions Architect** | 1 | Designs system architecture (cloud, security, scalability). |
| **Frontend Developers** | 2 | Implements UI/UX for web and mobile (React.js/Angular, iOS Swift). |
| **Backend Developers** | 2 | Builds APIs, database, and Azure AD integration (Node.js/Python, SQL). |
| **QA/Test Engineers** | 2 | Conducts functional, security, and UAT testing (Selenium, OWASP ZAP). |
| **DevOps Engineer** | 1 | Manages CI/CD pipelines, cloud deployment (AWS/Azure, Docker). |
| **Security Specialist** | 1 | Ensures SOC 2/ISO 27001 compliance (pen testing, encryption). |
| **Technical Trainer** | 1 | Creates user manuals and conducts on-site training. |

**Total Team Size:** **11 FTEs** (Flexible based on agile sprint capacity).

**2. Required Technical Skills**

**A. Development**

* **Frontend:**
  + Frameworks: Blazor
  + Libraries: Bootstrap
* **Backend:**
  + Languages: C#, .NET
  + APIs: RESTful services, Azure AD integration
  + Database: Azure SQL Server / Blobs

**B. Cloud & DevOps**

* **Hosting:** Azure (App Services, SQL Database).
* **Tools:** Azure DevOps (CI/CD)
* **Monitoring:** Azure Alerts

**C. Security & Compliance**

* **Protocols:** TLS 1.2+, AES-256 encryption, OAuth 2.0 (SSO).
* **Certifications:** Experience implementing SOC 2/ISO 27001 controls.
* **Testing:** OWASP Top 10 remediation, penetration testing tools (Burp Suite).

**D. Project Management**

* **Methodology:** Agile (Scrum) with 2-week sprints.
* **Tools:** Azure DevOps, MS Teams.

**3. Team Scaling Recommendations**

* **Accelerated Timeline?** Add 1–2 full-stack developers.
* **Complex Integrations?** Dedicated API engineer (e.g., for mass notification SMS gateways).
* **Post-Go-Live:** Reduce to 4 FTEs (1 PM, 2 devs for maintenance, 1 support rep).

**4. Key Collaboration Requirements**

* **Stakeholder Alignment:** Weekly syncs with Convention Center IT.
* **UAT Participation:** 2–3 Public Safety staff for feedback.

**Budget Estimate:**

* **Development Phase (6 months):** ~450,000–600,000 = 500,000 for DEV
* **Maintenance (3 years):** 15–20% of dev cost annually. – 600,000 for 3 years

**Suggested Vendor Response Language:**  
\*"Our proposed team includes 11 dedicated FTEs with expertise in SaaS development, Azure AD integration, and SOC 2 compliance, ensuring on-time delivery per the RFP’s February 2026 Go-Live target. Resources will scale post-launch to meet SLA commitments."\*

**Note:** Adjust team size based on the vendor’s existing resources and subcontracting plans. Reference this in **Section 3 (Bid Form)** under "Company Resume."