

# Proposal: R3G Brokerage Platform Development

## 1. Executive Summary (1 Page)

- Briefly describe your proposed solution for the R3G Brokerage Platform.
- Highlight relevant experience and your key capabilities.
- Summarize your approach to Phase 1 and your understanding of Phase 2.
- Provide a high-level overview of your proposed business model.
- State your alignment with the R3G program objectives and CEPI's Equity of Access Policy.
- Emphasize your commitment to robust biosecurity measures and compliance.

## 2. Introduction (1 Page)

- Demonstrate your understanding of the R3G program and its goals.
- Explain your vision for the R3G Brokerage Platform's role in the RNA biologics ecosystem.
- Outline your understanding of the challenges and opportunities presented by this CFP.
- Restate the goals of the R3G Program, and your understanding of the program.

## 3. Technical and Operational Capabilities (2 Pages)

- **RNA Designer User Interface (UI):**
  - Describe your approach to designing and developing the user interface.
  - Provide examples of past experience with similar UI/UX Projects.
  - Include workflow diagrams or UI mockups (in appendices, if available).
- **RNA Design Tools:**
  - Explain your strategy for integrating third-party RNA design tools via APIs.
  - Demonstrate your ability to deliver a scalable, cloud-native service.
  - Explain how you will handle data exchange, and fault tolerance.
- **Payment and know your customer (KYC) services:**
  - Explain your approach to integrating with and providing these services in a commercial setting. Previous commercial experience is highly valued.
- **Order Allocation and Equity Policy Enforcement:**
  - Explain how you will implement order allocation algorithms that adhere to equity policies.
  - Demonstrate your ability to support policy-driven and configurable allocation logic.
- **Quality Assurance Monitoring:**
  - Describe your mechanisms for automated verification and auditability.
  - Explain how you will monitor biofoundries for compliance.

- **Operational Reporting and Analytics:**
  - Describe your plan for a real-time operational dashboard.
  - Explain how you will provide comparative analytics and support load balancing.

### 3.1 Compliance (1 Page)

- **Compliance and Regulatory Adherence:**
  - Detail your approach to ensuring that the platform complies with all relevant regulatory requirements, including data privacy and security regulations.
  - Describe your strategies for staying up-to-date on evolving regulatory landscapes.
  - Address your plans for audits and continuous compliance monitoring.

### 4. Project Plan and Team (1 Page)

- **Phase 1 Project Plan:**
  - Outline your approach to the MVP phase, including key milestones and timelines.
  - Describe your strategy for alpha/beta testing with selected customers.
  - Provide a timeline of development.
- **Team Capabilities:**
  - Introduce your team and highlight relevant expertise, including expertise in biosecurity.
  - Describe your operational and leadership execution strategy.
  - Include CV's in an appendix.

### 5. Business Model and Costing (1 Page)

- **Business Model Alignment:**
  - Describe your proposed operating model (not-for-profit or commercial).
  - Explain how your business model aligns with R3G principles and CEPI's equity policy.
- **Costing and Funding Requirements:**
  - Provide a detailed budget outlining estimated costs and resource allocations.
  - Describe your preferred commercial model and any cost estimation assumptions.

### 6. Compliance and Other Considerations (1 Page)

- **Eligibility and Collaboration:**
  - Confirm your eligibility and willingness to collaborate.
  - If applicable, describe your approach to partnering with other organizations.
- **Conflict of Interest Declaration:**

- Disclose any potential conflicts of interest.
- **Adherence to CfP Guidelines:**
  - Confirm that your proposal adheres to the CfP's format and submission guidelines.

## **7. Appendices (As Needed)**

- Workflow diagrams
- Technical schematics
- UI mockups
- Performance data
- Team CVs
- Detailed Budget information
- Protocols and documentation

## **Important Notes:**

- Adhere to the 8-page limit for the core proposal.
- Reference appendices appropriately within the main document.
- Ensure clarity and conciseness in your writing.
- Demonstrate a strong understanding of the R3G program's objectives.
- Clearly articulate your value proposition and technical capabilities.