# Technical Approach-README.md File

1. Assigned one (1) leader and gave that person authority and responsibility and held that person accountable for the quality of the prototype submitted

The iFish Group (IFG) assigned one leader, Clark Cunningham, who had the authority and responsibility for the quality of the prototype submitted.

1. Assembled a multidisciplinary and collaborative team that includes, at a minimum, five (5) of the labor categories as identified in Attachment B: PQVP DS-AD Labor Category Descriptions

IFG has assembled a multidisciplinary and collaborative team. As shown in the matrix below, our team members’ collective experience and qualifications span across all of the labor categories identified in Attachment 3: PQVP DS-AD Labor Category Descriptions. Our project team has the depth of experience and knowledge to fully support future projects on this ADPQ contract. Many of our team members meet the requirements for multiple job categories as do additional members of the IFG staff not represented here.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ADPQ Labor Categories** | **IFG Employees** | | | | | | |
| **Frank Ono** | **Clark Cunningham** | **Ernie**  **Lopez** | **Fernando**  **Cabrera** | **Paul**  **Venable** | **Thomas**  **Weitzel** | **Scott**  **Schriber** |
| 1. Product Manager | **X** | **X** |  |  |  |  | **X** |
| 2. Technical Architect |  | **X** | **X** | **X** | **X** |  |  |
| 3. Interaction Designer/User Researcher/Usability Tester |  |  |  |  |  | **X** | **X** |
| 4. Writer/Content Designer/Content Strategist |  |  |  |  |  | **X** |  |
| 5. Visual Designer |  |  | **X** |  |  |  |  |
| 6. Frontend Web Developer |  |  | **X** | **X** | **X** |  |  |
| 7. Backend Web Developer |  |  | **X** | **X** | **X** |  |  |
| 8. DevOps Engineer |  | **X** |  |  | **X** |  |  |
| 9. Security Engineer | **X** | **X** |  |  |  |  |  |
| 10. Delivery Manager | **X** |  |  |  |  |  | **X** |
| 11. Agile Coach |  | **X** |  |  |  |  | **X** |
| **12. Business Analyst** |  | **X** | **X** |  |  |  | **X** |
| **13. Digital Performance Analyst** |  | **X** |  |  |  |  |  |

Each of our team members is an IFG employee and is local in our Sacramento office. Many of these IFG team members have also worked together on previous agile client projects. We assembled a cross-functional team of highly experienced staff to create the prototype and technical response. Our team contributors for the development of the prototype and technical approach consist of the following IFG staff members:

| **Team Member** | **ADPQ RFI Role** | **ADPQ RFI Responsibilities** | **Relevant Skills/Experience** |
| --- | --- | --- | --- |
| Clark Cunningham | * Product Manager * Technical Architect * Agile Coach | * Assigned as the Lead for the development of the Prototype and Technical Approach * Worked with the team to ensure quality and compliance of our prototype and technical response * Assisted with and was ultimately responsible for end-to-end functionality of the entire prototype * Provided oversight, in coordination with the Delivery Manager, to maintain high-functioning agile processes during the prototype development process | * 26 years of experience with information management systems, database design and information management, web applications development, and business requirements analysis * Project Management Professional (PMP), Project Management Institute (PMI) * Has led multi-disciplinary agile delivery teams and complex technology implementations * Experience leveraging open source community to deploy systems on infrastructure as a service provider * Extensive experience in enterprise architecture, cloud services development, shared services development, application development, utilizing agile methodologies, and database administration for clients nationwide |
| Ernie Lopez | * Business Analyst * Visual Designer * Frontend Web Developer | * Collaborated closely with the team to create wireframes and was responsible for the initial build * Developed workflows of multiple related user stories * Developed User Role Maps and Process Maps and implemented User Roles * Developed RESTful API documentation * Developed Bootstrap themes and templates to construct the application * Developed responsive Multi-Device Design * Performed Frontend testing | * 20 years of experience as a Business Intelligence and Solutions Architect with extensive experience in all phases of software design, development, and delivery * Unique ability to understand business and organizational objectives with a solid knowledge of the software development process and technologies * Responsible for leading visual design efforts on multiple projects and ensuring successful completion of all work executed by the team * Experience with interface, web and mobile solutions, and design * Extensive experience in both frontend and backend web development using and working in a team environment that used agile methodologies * Experience deploying and configuring services using infrastructure as a service provider |
| Fernando Cabrera | * Technical Architect * Backend Web Developer | * Developed end-to-end functionality of entire prototype and led automated testing and deployment aspects of project * Developed Bootstrap themes and templates to construct the application * Deployment to the Infrastructure as a Service (IaaS) or Platform as Service (PaaS) provider * Developed automated unit testing * Ensured accessibility guidelines compliance including Section 508 of the ADA and WCAG 2.0 standards | * 19+ years of experience in information management systems, database design, and information management * Extensive experience in both frontend and backend web development using and working in a team environment that used agile methodologies * 16+ years of experience in web applications development * Extensive experience with database platforms, SOA design, and robust frontend and backend applications * Proven track record of successfully architecting and developing mission-critical, high-volume, life-saving systems * Experience deploying and configuring services using infrastructure as a service provider * Led multi-disciplinary team utilizing agile methodologies |
| Thomas Weitzel | * Interaction Designer/User Researcher/Usability Tester * Writer/Content Designer/Content Strategist | * Engaged community stakeholders to ensure that application meets client and user needs * Used User-Centric Design techniques and tools to create optimum user experience * Performed community stakeholder usability testing and integrated user feedback * Adherence to US Digital Services Playbook * Defined process, personas, and scenarios to create user stories in compliance with our agile development process * Created user stories that included a testable description of the distinct, granular, verifiable activities * Workflow development * Content development | * Team leader, Senior Developer, and technology expert with over 20 years of experience leading a wide variety information technology initiatives and data modernization efforts * Experience assigning, editing, and producing content for products and services on multiple projects * Experience collaborating with Content Managers, Writers, Information Architects, Interaction Designers, Developers, and content creators of all types * Experience conducting stakeholder interviews, user requirements analysis, task analysis, conceptual modeling, information architecture, interaction design, and usability testing * Experience producing user requirements specifications and experience goals, personas, storyboards, scenarios, flowcharts, design prototypes, and design specifications * Experience conducting user research, analysis and synthesis, persona development, interaction design, and usability testing to create exceptional products * Certified HIPAA Professional (CHP), Security Compliance Specialist (CSCS) Microsoft Professional (MCP) |
| Paul Venable | * DevOps Engineer | * Advised on and performed oversight for software development best practices and unit testing of the prototype | * Expert Software Developer with over 11 years’ experience developing mission-critical, custom software applications on time and with the highest quality * 7+ years of experience in web applications development * Experience serving as the Engineer of complex technology implementations in a product-centric environment * Experience in both frontend and backend web development working in a team environment that used agile methodologies |
| Frank Ono | * Security Engineer | * Advised on and performed oversight for agile best practices, security frameworks, and evaluation of the prototype meeting the RFI needs | * Experienced Senior Consultant with expertise in strategic planning, solutions architecture, and program and project management with more than 15 years of experience managing Information Technology projects * Project Management Professional (PMP), Project Management Institute (PMI) * CISSP – (ISC) 2 Certified Information Systems Security Professional * Experience serving as the Security Engineer of complex technology implementations * Experience developing and implementing technical solutions to help mitigate security vulnerabilities * Experience performing security audits, risk analysis, application-level vulnerability testing, and security code reviews * Experience managing the delivery, ongoing success, and continuous improvement of digital products and platforms |
| Scott Schriber | * Delivery Manager * Agile Coach | * Reviewed daily project objectives and priorities among all project staff * Managed dependencies, availability, and sprint deliverables to maintain high-functioning agile processes during the prototype development process | * Project Manager and Business Analyst with over eight (8) years of experience successfully managing IT projects and multi-disciplinary teams * Agile Certified Practitioner (ACP), Project Management Institute (PMI) * Project Management Professional (PMP), Project Management Institute (PMI) * Experience leading projects and products using the appropriate agile project management methodology * Experience defining the roadmap for any given product and translating this into user stories * Experience working with teams to ensure that Delivery teams within agencies are adopting agile and performing effectively * Effective at clarifying and communicating business objectives, requirements documentation, and managing multiple projects in dynamic business environments. |