

Request for Information



Alaska Permanent Fund Corporation

Date Issued: 4/02/2025

DATA TECHNICAL ARCHITECT

Introduction:

The Alaska Permanent Fund Corporation (APFC) is seeking information from qualified vendors and individuals regarding the availability and capabilities of Data Technical Architects with expertise in cloud-based Data Warehousing using Snowflake technology. The goal is to work with the vendor to ensure the successful implementation of APFC's enterprise data systems and workflows, ensuring extensibility, flexibility, and optimal technical outcomes.

This RFI is intended to gather information from potential candidates and vendors on their experience, qualifications, and capabilities to help APFC define the scope for a future Request for Proposal (RFP) or procurement process.

Background Information:

APFC is in the process of enhancing its data management capabilities and implementing foundational data and AI technologies as part of the board's strategic plan. A critical component of this initiative is the development and integration of a cloud-based Data Warehouse leveraging Snowflake. The Data Technical Architect will play a key role in guiding APFC's technology strategy and leading integration efforts.

REQUEST FOR INFORMATION (RFI) FOR DATA TECHNICAL ARCHITECT

Issued by: Alaska Permanent Fund Corporation (APFC)

Issue Date: April 2, 2025

Response Due Date: 5pm, prevailing Alaskan Standard Time on April 16, 2025

1. Scope of Work

APFC plans to enhance and augment its data, information and analytics capabilities via the implementation of a cloud-based Datawarehouse. The contractor is expected to liaise closely with chosen vendor on APFC's behalf and provide required expertise mostly in terms of data architecture strategy and implementation.

At a high level, responsibilities include integrating enterprise systems and workflows, ensuring adherence to non-functional requirements such as performance and security, and promoting best practices for data governance. The contractor will also facilitate stakeholder collaboration to support analytics needs, and mentor APFC's technical team to ensure knowledge transfer and sustainable outcomes.

APFC's goal is to have a contract in place by the end of the first quarter of the upcoming fiscal year which starts in July with a contract term of twelve to eighteen months.

The Data Technical Architect will be responsible for:

- **Technical Architecture & Strategy:** Developing and implementing a comprehensive data architecture strategy using Snowflake.
- **Integration & Workflow Management:** Ensuring successful integration within APFC's enterprise systems and workflows.
- **Non-Functional Requirements & SLAs:** Providing guidance on system performance, scalability, security, and reliability.
- **Data & Analytics Support:** Acting as a conduit for feedback and collaboration between vendor implementation team and APFC management.
- **Best Practices & Compliance:** Advising on industry best practices, compliance requirements, and governance frameworks.
- **Mentorship & Knowledge Transfer:** Supporting APFC's technical team by mentoring junior team members and facilitating knowledge transfer.
- **Stakeholder Collaboration:** Working closely with Product Management, R&D, and Support teams to optimize data solutions.

2. Qualifications & Experience

Ideal candidates should possess:

- 5+ years of experience in the financial services industry.
- Strong expertise in cloud-based Data Warehouse solutions, with a primary focus on Snowflake.
- Experience with ETL processes, job orchestration tools, and enterprise data platforms.
- At least 3 years of direct experience working with client organizations, understanding how to support specific business needs with technical solutions.
- Strong proficiency in SQL, data modeling, and cloud infrastructure.
- Ability to collaborate with internal teams and external partners to drive technical strategy.
- Familiarity with agile methodologies, project management frameworks, and dependency/resource planning.
- Strong written and verbal communication skills.
- Proven ability to adapt and recalibrate to evolving technical and business requirements.

3. Requested Information

Interested vendors and individuals are requested to provide the following:

1. **Company/Individual Information:**
 - Name, address, and contact information.
 - Overview of qualifications and experience.
2. **Experience & Capabilities:**
 - Description of relevant past projects, particularly in financial services and Snowflake-based data solutions.
 - Case studies or client references (if available).
3. **Technical Approach & Methodology:**
 - Overview of proposed technical strategy for Snowflake integration and data management.
 - Best practices in performance optimization, security, and governance.
4. **Resource Availability & Engagement Model:**
 - Availability for full-time, part-time, or consulting engagements.
 - Proposed engagement model (staff augmentation, project-based, advisory, etc.).
5. **Cost Estimates (Non-Binding):**
 - General cost structure or rate card for services.
 - Estimated pricing for technical assessments, implementation, and support services.

4. Submission Instructions

Responses should be submitted in **electronic format (PDF or Word Document)** to **procurement@apfc.org** no later than **5pm, prevailing Alaskan Standard Time on April 16, 2025**.

For any questions regarding this RFI, please contact our procurement team at **procurement@apfc.org**.

5. Disclaimer

This RFI is **not a solicitation** for proposals and does not obligate APFC to issue a Request for Proposal (RFP) or award any contracts. The State of Alaska is not responsible for any costs incurred in the preparation of responses. The information obtained through this RFI will be used solely for **market research purposes**.

Notice:

Pursuant to [Administrative Order 352](#), (a) any person or business determined to support or participate in a boycott of the State of Israel will be disqualified from any procurement related to this Request for Information; and (b) the support of or participation in a boycott of the State of Israel by a person or business contracting with the State of Alaska under AS 36.30 constitutes grounds for termination of the contract.

[Administrative Order 352](#) does not apply to a contract if the person or business has fewer than 10 employees; or the amount to be paid under the contract, excluding renewals and options available under the contract, is less than \$100,000.
