MODIFIABLE RFP TEMPLATE & VENDOR Q&A RUBRIC | VNA-RFP-005 | Application Stack X to Application Stack Y

Request for Proposals (RFP): Adobe ColdFusion, Classic ASP & VB6 Migration to Oracle APEX 24.2

Instructions for RFP Author: This template is structured so your IT, Architecture, and Procurement teams can issue a rigorous, apples-to-apples Request for Proposals. Customize the bracketed [Modifiable] fields below or use the companion .md file on the solution portal.

1. Issuing Organization & Procurement Schedule (Modifiable Fields)

RFP Field / Milestone	Modifiable Entry / Target Value
Issuing Organization & Sponsor	[Insert Legal Organization Name, Executive Sponsor & Primary Contact Email]
Project Scope Summary	Transition from Adobe ColdFusion (.cfm, .cfc), Classic ASP (.asp), VB6 & PHP to Oracle APEX 24.2, ORDS REST APIs, PL/SQL & Autonomous Database
RFP Issue / Q&A; / Proposal Due Dates	[Issue: YYYY-MM-DD] | [Vendor Questions Due: +14 Days] | [Proposals Due: +30 Days]
Target Contract Type	Fixed-Price Milestone Deliverables with Automated Parity & Cutover Acceptance Gates

2. Mandatory Technical Scope of Work (Modifiable Requirements)

[REQ-ARCH-01] Automated CFM/CFC/ASP Tag & Query Harvester: Our parser scans your `.cfm`, `.cfc`, `.asp`, and `.frm`/`.bas` source tree, extracting every `<cfquery>` / ADO SQL block, form post target, session variable, and scheduled job.

[REQ-ARCH-02] SQL Hardening & PL/SQL Package Consolidation: Inline SQL queries scattered across `.cfm` pages are parameterized with strict bind variables and consolidated into compiled Oracle PL/SQL packages inside the database.

[REQ-ARCH-03] Declarative APEX 24.2 UI Generation: Multi-hundred-line ColdFusion HTML tables and form post handlers are replaced by declarative APEX Interactive Reports, Interactive Grids, and Modal Forms backed by Universal Theme 42.

[REQ-ARCH-04] Enterprise Identity & Scheduled Job Migration: Legacy ColdFusion `Application.cfc` session management and CFAdmin scheduled tasks are migrated to Viscosity AMP (SAML/OIDC SSO) and `DBMS_SCHEDULER` / APEX Automations.

[REQ-ARCH-05] Query Fan-Out Rationalization & Runtime/Inference Filtering: Instead of migrating cloned reports and DataWindows 1-for-1, our AST SQL parser clusters queries by their canonical core JOIN graph, builds governed Oracle 23ai views only for those core queries, and generates dynamic WHERE clauses, faceted filters, and ad-hoc report variations at runtime and via AI inference (APEX 24.2 Smart Filters & Select AI).

3. Component Conversion & Acceptance Matrix

Legacy Artifact / Workload	Required Target Architecture	Engineering Method & Acceptance Gate
ColdFusion `<cfquery>` / Classic ASP ADO SQL	Parameterized PL/SQL Packages & APEX Region Sources	Automated SQL Extraction + Bind Variable Hardening
ColdFusion `<cfform>` / `<cfgrid>` / HTML Tables	APEX 24.2 Form Regions & Interactive Grids	Declarative Component Replacement
ColdFusion Components (`.cfc`) & SOAP Web Services	PL/SQL Packages + ORDS AutoREST / OpenAPI 3.1	RESTful Endpoint Modernization
ColdFusion `<cfdocument format="PDF">`	APEX Native PDF Printing / APEX Office Print (AOP)	Server-Side Report Template Conversion

CFAdmin Scheduled Tasks / Windows Task Scheduler	Oracle APEX Automations & `DBMS_SCHEDULER`	Database-Native Job Orchestration
Cloned Reports / Queries Differing Only by WHERE Clause or Group-By (Query Fan-Out)	Canonical Core SQL View + APEX 24.2 Runtime / AI Inference Filters	AST Join-Graph Clustering (75-90% Report Count Reduction)

4. Mandatory Vendor Q&A; Questionnaire & Evaluation Benchmark Key

Bidders must answer each technical question below. Evaluation committee members can compare vendor answers directly against the Reference Benchmark Key:

Vendor Question 1: Why convert ColdFusion to Oracle APEX instead of React or .NET? *[Score: ___ / 10]*

Reference Evaluation Benchmark: ColdFusion was originally designed as a tag-based database-to-HTML rapid development tool. Oracle APEX operates on the exact same data-centric paradigm but runs natively inside the Oracle Database with modern security, responsive UI, and zero middle-tier servers to patch.

Vendor Question 2: What if our ColdFusion app connects to SQL Server or MySQL? *[Score: ___ / 10]*

Reference Evaluation Benchmark: We migrate the underlying schema to Oracle Database 23ai / Autonomous Database (or connect APEX to external databases via REST Data Sources / Database Links) as part of the same turnkey sprint.

Vendor Question 3: What is included in the downloadable PDF Solution Brief? *[Score: ___ / 10]*

Reference Evaluation Benchmark: The PDF Solution Brief provides the complete ColdFusion/ASP-to-APEX tag mapping reference, security hardening checklist (OWASP Top 10 compliance in APEX), and a TCO calculator.

Vendor Question 4: How do you rationalize report/query fan-out and guarantee 100% customer code & data ownership? *[Score: ___ / 10]*

Reference Evaluation Benchmark: Vendor must demonstrate AST SQL clustering to collapse cloned queries into governed core views with runtime/AI-inference filters, and deliver 100% customer-owned SQL, PL/SQL, APEX, or cloud code with zero proprietary runtime lock-in.

5. Commercial Milestone Pricing & Evaluation Weighting (Modifiable)

Phase / Deliverable Gate	Required Acceptance Output	Bidder Fixed Fee	Eval Weight
Phase 0: AST Discovery & Blueprint	Complete code/schema AST inventory, dead-code manifest & core SQL fan-out map	$ [Insert]	20%
Phase 1: Core Schema & Logic Uplift	Target cloud/DB provisioning, automated DDL/code conversion & unit tests	$ [Insert]	30%
Phase 2: UI, Reports & UAT	Modernized UI/portals, runtime/AOP reports, security VPD/SSO & UAT sign-off	$ [Insert]	30%
Phase 3: Cutover & Hypercare	Zero-downtime cutover, row/hash reconciliation & 30-day production warranty	$ [Insert]	20%