

MODIFIABLE RFP TEMPLATE & VENDOR Q&A RUBRIC | VNA-RFP-027 | Application Stack X to Application Stack Y

Request for Proposals (RFP): Oracle WebLogic, JBoss EAP & IBM WebSphere (Java EE / ADF / Struts) Modernization to ORDS, APEX & OKE

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 Oracle WebLogic 12c, Oracle ADF, IBM WebSphere, JBoss EAP, Java EE 6/7, JSF, Apache Struts, EJB 2/3 to Oracle REST Data Services (ORDS), Oracle APEX 24.2, GraalVM / Helidon / Spring Boot on OCI OKE
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] Portfolio Triage & AST Inspection: Scan ``ear`/`.war`` archives, ``faces-config.xml``, ADF Business Components (``EntityEO`/`ViewVO``), and Hibernate mappings to separate database CRUD apps from external integration services.
- [REQ-ARCH-02] ADF & Struts to Oracle APEX 24.2: Convert ADF Task Flows, ViewObjects, and JSF/JSP screens into native Oracle APEX 24.2 pages, Interactive Grids, and PL/SQL API packages.
- [REQ-ARCH-03] Hibernate/DAO to ORDS Auto-REST: Replace chatty JPA/Hibernate N+1 query layers with high-throughput Oracle REST Data Services (ORDS) and Oracle 23ai JSON Relational Duality Views.
- [REQ-ARCH-04] Stateless Java to OKE: Containerize remaining Java domain services onto GraalVM Native Image, Helidon, or Spring Boot 3 running on OCI Kubernetes Engine (OKE) with zero control-plane fees.

3. Component Conversion & Acceptance Matrix

Legacy Artifact / Workload	Required Target Architecture	Engineering Method & Acceptance Gate
Oracle ADF Entity Objects (EO) & View Objects (VO)	Oracle 23ai Views + APEX 24.2 Interactive Grids / Forms	Extract VO SQL queries and EO validation rules directly into PL/SQL packages and APEX regions
ADF Bounded Task Flows & JSF Page Fragments (.jsff)	Oracle APEX 24.2 Page Wizards, Modal Dialogs & Branches	Map task flow navigation and session state to declarative APEX page items and processes
Apache Struts Actions / JSPs & Spring MVC Controllers	Oracle APEX Pages or ORDS PL/SQL REST Handlers	Retire vulnerable Struts taglibs; expose clean OpenAPI 3.0 REST endpoints via ORDS
EJB 2.x/3.x Session Beans & Hibernate/JPA DAOs	Oracle 23ai JSON Duality Views + PL/SQL Business APIs	Eliminate object-relational impedance mismatch and network round-trips
WebLogic / WebSphere / JBoss Application Server Clusters	Stateless ORDS + OCI Kubernetes Engine (OKE) / GraalVM	Retire commercial app server core licenses; deploy immutable containers via CI/CD

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: Should we migrate Oracle ADF applications to Oracle Visual Builder (VBCS) or Oracle APEX?
[Score: ____ / 10]

Reference Evaluation Benchmark: When your data resides in an Oracle Database, Oracle APEX 24.2 is dramatically faster to build, runs inside the database with zero middle-tier network latency, and carries zero additional per-user or per-CPU licensing cost.

Vendor Question 2: Is GraalVM Enterprise really included at no extra cost on OCI? [Score: ____ / 10]

Reference Evaluation Benchmark: Yes. Oracle Cloud Infrastructure (OCI) includes GraalVM Enterprise support at no additional charge on OCI compute and OKE nodes, allowing Java microservices to compile to native binaries with sub-second startup and a fraction of the RAM footprint.

Vendor Question 3: 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%