CHEROKEE NATION BUSINESSES

REQUEST FOR PROPOSAL
Passive RFID & Barcode Inventory Management and Asset Tracking Solution

Oracle Fusion Cloud Inventory Management & Fixed Assets | CNB / CED

RFP information	Details
RFP Number	[165070
Issue Date	11/20/2026
Proposal Due Date	12/4/2026 5pm CST
Procurement Contact	Stephanie Shults - stephanie.shults@cnbglobal.com
Required Devices	Six (6) handheld scanners: CED 3; CNB 2; Inventory / backup 1
Target Implementation	[To be determined with Oracle ERP project team]

RFP Objective

Solicit an end-to-end solution combining passive RFID tags, barcode scanning, handheld hardware, inventory-audit software, and supported integration with Oracle Fusion Cloud. Vendors may propose a prime contractor / partner solution but must identify a single accountable integration and support model.

Confidential – issued for competitive vendor response.

1. Purpose and Background

Cherokee Nation Businesses (CNB) and Cherokee Entertainment Division (CED) seek to improve physical asset inventory, reconciliation, and audit efficiency across business units and sites. Existing assets include barcode-labeled equipment and other fixed assets; some collections, including artwork, require appropriate tagging and handling. CNB is implementing Oracle Fusion Cloud ERP and requires a solution designed around Oracle Inventory Management and Oracle Fixed Assets workflows.

2. Objectives

- Enable rapid physical inventories using passive UHF RFID and conventional barcode scanning, including mixed-mode scanning.
- Provide a reliable and supportable connection to Oracle Fusion Cloud, including transaction and reconciliation traceability.
- Support consumable inventory, warehouse stock, operating supplies, and capital/fixed assets while maintaining distinct workflows, controls, accounting treatment, and Oracle integrations for each.
- Enable controlled import of existing assets, one-off acquisitions and spreadsheet-based audit data.
- Provide six handheld scanners and a scalable tagging, software, licensing and support model.

3. Scope and Quantities

Component	Minimum scope
Handheld scanners	6 total: 3 CED, 2 CNB, 1 shared Inventory/backup; quote each device and accessories. Include volume discounts if applicable.
Tags	Passive UHF RFID (battery-free), visible printed asset ID and preferably machine-readable barcode; quote sample and bulk tiers.
Software	Mobile inventory/audit application, web administration, exports, reconciliation and integration components.
Implementation	Discovery, configuration, Oracle integration, data mapping, testing, training, deployment and hypercare.
Support	Hardware warranty, application support, connector support, upgrades, and annual recurring costs.
Estimated Inventory Volumes	Fixed assets: 7,000 (Art Pieces) | Inventory items/SKUs: Low Volume (office supplies) | Warehouses: CNB = 2 small warehouse closets \ CED = 3 | Operating sites: 5 | Annual audits: Annual Asset & Semi-annual Inventory

Vendors must state whether all components are provided directly or by named partners, including responsibility for implementation and issue resolution.

4. Functional Requirements

4.1 Passive RFID, barcode and physical inventory

- Support passive UHF RFID scanning without line of sight, with adjustable read range, duplicate suppression and controlled bulk reads.
- Support barcode scanning on the same handheld device or clearly identify any additional hardware needed.
- Supply tag options with asset ID printed in human-readable form and a barcode; explain RFID EPC encoding versus mapping to Oracle asset identifiers.
- Describe tag lifecycle management: replacement of lost or damaged tags, detection and disposition of damaged tags, retirement/deactivation, EPC reuse policy, and approval/audit controls for tag reassignment. Explain how tag history remains linked to the correct Oracle asset or inventory record.
- Enable inventory audit campaigns by site/location, asset class and custodian; record found, missing, unexpected, moved, duplicate and damaged assets.
- Capture scan date/time, operator, device, location and exceptions; provide audit trail and reconciliation approval controls.
- Allow authorized users to review results before posting updates to Oracle; do not silently create or overwrite financial asset records.

4.2 Inventory Management vs. Fixed Assets

- Describe separately the workflows, data objects and Oracle interfaces for Fusion Inventory Management and Fusion Fixed Assets.

- Explain how newly acquired items are routed into inventory, fixed assets, or both as appropriate, including classification and approval controls.
- Describe asset/item creation originating from purchase orders, projects and related receiving/capitalization processes; distinguish native Oracle processes from vendor-created transactions.
- Support controlled upload or creation of existing assets and one-off P-card purchases, including validation, duplicates and required fields.
- Explain how transfers, location changes, custody changes, disposals and reconciliation exceptions are reflected in each Oracle module.
- Provide end-to-end process diagrams and identify which system is the system of record for each record and field.
- Oracle Fusion Inventory Management and Oracle Fusion Fixed Assets shall remain the systems of record for inventory and fixed-asset master records, respectively, unless CNB explicitly approves an exception in writing. The proposed solution must not create a competing authoritative asset master.
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4.3 Mobile application and offline operation

- Identify mobile app name, supported OS/devices, licensing, deployment and security controls.
- Provide offline RFID/barcode scanning, cached authorized inventory lists, local encryption, queueing and status visibility.
- Describe reconnection/sync behavior, retry rules, conflict resolution, duplicate prevention, timestamping and recovery from partial uploads or lost devices.
- State whether a web-based mobile app or native application is used and how scanners integrate with it.

4.4 Spreadsheet and reporting capabilities

- Import existing assets and inventory lists from Excel/CSV with field mapping, preview, validation and error reporting.
- Export scan results, audit exceptions, reconciliations and asset lists to Excel/CSV.
- Describe Oracle ADF Desktop Integration (ADFdi) compatibility and whether ADFdi is used directly, indirectly, or not supported; identify supported templates and processes.
- Describe reporting, dashboards, scheduled exports and controls for mass updates.

5. Oracle Fusion Integration and Technical Requirements

- Confirm support for currently supported Oracle Fusion Cloud quarterly releases, including the release in use at CNB go-live. Identify tested modules, constraints, and the vendor's certification, regression-testing, remediation, and support process for each quarterly Oracle update.
- State whether a prebuilt, Oracle-validated or Oracle-certified connector exists for Fusion Inventory RFID events. Supply product name, validation evidence, documentation, version, limitations and certification scope; do not use "Oracle-compatible" as a substitute.
- If no validated connector exists, describe the proposed integration architecture, supported Oracle REST/SOAP APIs, file-based imports, Oracle Integration Cloud or other middleware, and custom development.

- Explain whether scanning triggers real-time Oracle transactions, near-real-time synchronization, or batch imports, including expected latency, monitoring, error handling and reconciliation.
- Identify integration ownership, ongoing support boundaries, patching, authentication, service accounts, logging, monitoring, support SLAs and escalation between vendor, Oracle and CNB implementation partner.
- Confirm administrative web application support in current Microsoft Edge and identify any browser plug-ins or unsupported functionality.
- Describe SSO/MFA options, role-based access, least privilege, encryption, audit logging, data retention and data residency.
- Provide a sample architecture diagram and a field-level mapping for inventory and fixed-asset scenarios.

6. Required Demonstration / Proof of Concept

CNB may require a live demonstration or limited proof of concept. Vendors must be prepared to show:

- Read multiple passive RFID tags, then scan a barcode on the same handheld.
- Perform a site audit; identify missing, unexpected and relocated assets; export results to Excel.
- Scan while offline, reconnect, resolve a conflict and synchronize without duplicate records.
- Import existing asset records from a spreadsheet, including an exception or invalid record.
- Show how a PO/project-originated item and a P-card one-off are processed, with clear Inventory versus Fixed Assets handling.
- Demonstrate an actual Oracle Fusion integration transaction or provide a transparent simulated demonstration with a documented path to production.

7. Implementation, Training and Support

- Provide a phased plan for discovery, solution design, tagging, integration, data preparation, pilot, testing, deployment, training and hypercare.
- Identify CNB, Oracle/Elire and vendor responsibilities, assumptions, dependencies and resource needs.
- Provide acceptance criteria for hardware, RFID read performance, offline recovery, spreadsheet import/export, Oracle quarterly-release integration and audit reconciliation.
- Include training for administrators, asset custodians, auditors and support teams; provide documentation and knowledge transfer.
- Describe warranty/RMA, spare-device coverage, software support hours, response/resolution targets, upgrades and connector maintenance.

8. Vendor Qualifications and References

- Provide company background, product ownership, partner/subcontractor roles and relevant certifications.
- Provide at least three comparable customer references, preferably Oracle Fusion Cloud customers using RFID or barcode asset audits; indicate modules, deployment size and go-live date.

- Identify direct Oracle integration experience, customer references for the exact proposed connector and support for Oracle quarterly updates.
- Disclose any reliance on third-party mobile apps, middleware, hardware vendors or custom software.

9. Pricing Response Schedule

Provide itemized one-time and recurring costs. Clearly identify user, asset, tag, scanner, site and transaction-based licensing metrics; note minimum commitments and optional charges.

Pending final CNB inventory-volume estimates, vendors must state sizing assumptions and provide scalable unit rate/volume tier pricing for assets, SKUs, sites, audits, and annual growth.

Line item	Qty / basis	One-time cost	Annual recurring
RFID/barcode handhelds	6 (3 CED / 2 CNB / 1 backup)	$	$
Cradles, batteries, cases and accessories	Itemized	$	$
Passive RFID labels / encoding	Per tag; volume tiers	$	$
Tag printer / encoding services	Optional / itemized	$	$
Mobile / audit software	Users, devices or assets	$	$
Oracle connector / middleware	By module / environment	$	$
Implementation, integration and testing	Fixed fee or T&M	$	$
Training, hypercare and support	Itemized	$	$
Other fees, taxes, shipping	Itemized	$	$

Also provide Year 1 total and three-year total cost of ownership, renewal escalation assumptions, hardware replacement costs and optional expansion pricing.

10. Proposal Response Requirements

Submit responses in the same order as this RFP, with a completed requirements matrix (Appendix A), architecture diagram, implementation plan, customer references and itemized commercial proposal. For each requirement indicate Fully Meets, Partially Meets, Does Not Meet or Requires Customization, with explanatory notes. Identify all exceptions and dependencies explicitly.

Email all Bids to: Passive.wriqb3vys49wu5yh@u.box.com
Email questions to: stephanie.shults@cnbglobal.com by Monday, Nov 30, 5pm CST
Bids are due: Friday, December 4, 2026 5pm CST

11. Evaluation and Award

Area	Suggested weight
Oracle integration, quarterly-release support and module fit	30%
Inventory audit, RFID/barcode and offline features	25%
Implementation, support and security	15%
Total cost of ownership	20%
Qualifications, demonstrations and references	10%

CNB may request demonstrations, clarification or revised proposals and reserves the right to reject any or all proposals or modify/cancel the solicitation. Weights are proposed and may be finalized before evaluation.

Appendix A – Mandatory Vendor Response Checklist

ID	Requirement	Vendor response / exception
A01	Prebuilt Oracle-validated Fusion Inventory RFID-event connector; evidence or alternative	
A02	Oracle Fusion Inventory and Fixed Assets workflows separately documented	
A03	Support for current Oracle Fusion quarterly releases and ongoing update policy	
A04	Six hybrid RFID/barcode handhelds (3 CED, 2 CNB, 1 backup)	
A05	Passive UHF tags with visible asset ID and barcode option	
A06	Mobile app and supported device/OS details	
A07	Offline capture, sync, retry and conflict handling	
A08	Microsoft Edge support for web administration	
A09	Excel/CSV asset import and audit export	
A10	ADFdi integration / applicability explicitly explained	
A11	PO/project-originated items and P-card one-offs	
A12	Existing-asset bulk upload and duplicate validation	
A13	Physical inventory audits, exception handling and audit trail	
A14	Integration ownership, monitoring and support model	

A15	Comparable Oracle Fusion customer references
A16	Itemized hardware, software, implementation and recurring pricing
A17	**Oracle Inventory and Fixed Assets remain authoritative systems of record exceptions require CNB approval**
A18	**RFID tag lifecycle; replacement damage, retirement, EPC reuse, and controlled reassignment**
A19	**Quarterly Oracle released testing, certification, regression, remediation, and ongoing support.**