

STRATEGIC PROPOSAL

AI-Powered Patient Analytics Platform

Metaverse Health Systems

DOCUMENT REFERENCE	BUDGET RANGE
PROP-2026-MH-001	\$300,000 – \$600,000 USD
DATE	CONTACT
March 2026	ceo@metaversehealth.com

1. Project Overview

Metaverse Health Systems seeks a strategic partner to design, build, and deploy an AI-powered analytics platform that transforms patient data into actionable clinical insights, enabling measurable improvements in diagnostic accuracy, treatment planning, and operational efficiency across their 12-hospital network spanning the Pacific Northwest.

2. Objectives & Scope

Primary Objective: Reduce average diagnostic turnaround time by 50% within 12 months — from 48 hours to 24 hours for standard cases.

Key Results

- **KR1:** 95% data completeness across all clinical departments within 90 days of go-live
- **KR2:** Real-time dashboards for 500+ clinical staff without IT assistance
- **KR3:** 60% reduction in clinical reporting workload through automated generation
- **KR4:** Zero data loss during 6-month Epic EHR parallel run
- **KR5:** Positive ROI by Month 18

3. Project Timeline

- **Phase 1 (Weeks 1–4) — Discovery & Planning:** Requirements gathering, stakeholder interviews, process mapping, data inventory, and project roadmap.
- **Phase 2 (Weeks 5–8) — Design & Architecture:** System design, AI model selection, UX design, FHIR R4 compliance, Epic integration spec.
- **Phase 3 (Weeks 9–18) — Core Development:** Platform build, AI engine, EHR pipeline, dashboards, automated reporting, security hardening.
- **Phase 4 (Weeks 19–24) — UAT & Pilot:** 2-facility pilot, UAT, staff training, parallel run with existing systems.
- **Phase 5 (Months 7–12) — Full Deployment:** Remaining 10 facilities, AI model refinement, quarterly reviews, knowledge transfer.

4. Evaluation Criteria

Proposals will be evaluated based on:

- **Technical Capability (35%):** AI/ML platforms in healthcare, FHIR R4 compliance, HIPAA/SOC 2 certification, Epic EHR integration track record.
- **Healthcare Domain Expertise (25%):** Clinical workflow understanding, CMS reporting familiarity, healthcare IT references, team certifications.
- **AI & Analytics Depth (20%):** Explainable AI, imbalanced dataset handling, ROI methodology, continuous learning architecture.
- **Project Management (20%):** Dedicated team, governance structure, communication cadence, risk management, hypercare support.

5. Client Profile — Metaverse Health Systems

Metaverse Health Systems is a 12-hospital nonprofit health network serving the Pacific Northwest, with 8,500 employees including 2,200 licensed physicians and 850,000 annual patients. Annual revenue: \$2.1B.

HOSPITALS

12

Acute care, outpatient & virtual

ANNUAL PATIENTS

850K

Across all facilities

STAFF

8,500

Including 2,200 physicians

REVENUE

\$2.1B

Annual operating budget

Strategic Priority: Transform from reactive sick care to proactive health management, with AI analytics as the cornerstone capability enabling population health management, clinical decision support, and operational optimization.

6. Success Metrics

DIAGNOSTIC TURNAROUND

50%↓

Reduction by Month 12

STAFF ADOPTION

85%

Active users by Month 6

DATA QUALITY

95%

Completeness on core fields

SYSTEM UPTIME

99.9%

During clinical hours

ROI ACHIEVEMENT

Month 18

Positive return on investment

IMPLEMENTATION COST

≤\$550K

All-inclusive project budget

7. Technical Requirements

- **HIPAA Compliance:** BAA agreement, US-based data processing, end-to-end encryption, annual third-party security audits.
- **FHIR R4 Interoperability:** Bidirectional Epic EHR integration via FHIR R4 APIs — demographics, encounters, medications, labs, clinical notes.
- **AI Model:** Explainable AI with ≥90% accuracy, continuous learning from clinical outcomes, on-premise or dedicated cloud option.
- **Performance:** <2s dashboard response for 95% of queries, 99.9% uptime during clinical hours, 500+ concurrent users.
- **Data Retention:** 7-year HIPAA-compliant retention, automated archival, patient right-to-access.

8. Terms & Conditions

- **Payment:** 20% on execution · 30% on design approval (Wk 8) · 30% on pilot go-live (Wk 20) · 20% on final acceptance (Mo 12)
- **IP:** Custom configurations owned by client. Pre-existing IP and AI models remain with vendor.
- **Warranty:** 12 months, 4-hour critical / 24-hour standard SLA.
- **Insurance:** Professional liability (\$2M), cyber liability (\$5M), CGL (\$1M) minimums.

9. Communications Plan

- **Weekly:** Automated status dashboard — progress, budget, risks, upcoming milestones.
- **Monthly:** Executive steering committee — ROI tracking, phase gate decisions.
- **Real-Time:** Dedicated Teams channel (#MetaverseAI-Platform) with 4-hour escalation SLA.
- **Quarterly:** Business reviews — utilization analysis, outcome metrics, improvement roadmap.
- **Knowledge Transfer:** Bi-weekly workshops from Week 20, 90-day hypercare post-deployment.

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