



Date: January 23, 2026

Intent to Buy (NON-BINDING)

Animal Diagnostic Sensors, Frontier AI Agents, Analytics & Data Science Platforms

This Intent to Buy ("ITB") is entered into as of _____ [Date], by and between:

Hanumayamma Innovations and Technologies Inc., a Delaware-registered corporation with principal operations (Fremont, California) in the United States ("**Hanumayamma**"), and _____ [**Customer Legal Name**], having its principal place of business at _____ [**Address**] ("**Customer**").

1. Purpose

This ITB is a **non-binding expression of commercial interest and anticipated demand** for Hanumayamma products, sensors, AI agents, and analytics platforms.

This ITB:

- Does **not** constitute a purchase order, sales contract, or guarantee
- Creates **no obligation** to buy, sell, manufacture, or deliver
- Is intended solely for **consultative planning, demand signaling, pilots, and regulatory alignment**
- Becomes binding **only through a separately executed Definitive Agreement**

2. Products, Sensors & Programs Covered.

A. Animal Diagnostic Sensors.

I. Hanumayamma Cow Necklace Sensors

Options:

- High-Frequency Sensor
- Mid-Frequency Sensor
- Low-Frequency Sensor

Sensor frequency selection shall be determined based on:

- Field visits
- Voice of the Customer (VoC) and requirements
- Hanumayamma technical team recommendations

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



- Farm size, animal density, and monitoring objectives
- Veterinary and clinical guidance

II. Hanumayamma Hayagriva (HG Model 3) Horse Sensors

- Purpose: **injury prevention and proactive risk detection**
- Hosted in:
 - **Jockey Seat**
 - **Jockey Saddle**
- Used **only during pre-race and race-time**
- Removed immediately after monitoring windows

Not designed for continuous wear or performance enhancement.

III. Hanumayamma Camel Sensors

- Neck-mounted
- Higher supervision required
- Operated under trained handlers and veterinary oversight

IV. Sriya AgriVet Monitor

☐ Included as part of diagnostic suite

The **Sriya AgriVet Monitor** is a non-invasive, biomedical diagnostic monitoring system designed to support veterinarians and farm operators by collecting multi-modal data during routine farm operations. The Sriya AgriVet Monitor is capable of observing and monitoring:

The **Sriya AgriVet Monitor** provides (**image and Carbon engineering services available only in certain regions**):

- Continuous livestock vitals monitoring
- Environment and behavior telemetry
- Flexible installation for cattle, small ruminants, and mixed herds
- Integration with analytics platforms for early alerts
- **Cow skin diseases**, including but not limited to **Lumpy Skin Disease (LSD)**
- Animal surface temperature patterns
- Methane (CH₄) and Carbon Dioxide (CO₂) emissions
- Motion and activity indicators
- **Cow skin images** captured during:
 - Milking
 - Grazing
 - Routine farm movement and handling

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



All data collected by the Sriya AgriVet Monitor:

- Is **diagnostic and observational only**
- Is intended to support **early detection and veterinary review**
- Does **not** replace veterinary diagnosis, treatment, or intervention

Clinical decisions remain the sole responsibility of licensed veterinarians or clinical specialists.

Refer to the **Sriya AgriVet Monitor Specification PDF** for details.

https://hanuinnotech.com/img/Hanumayamma_Sriya_AgriVet_Monitor_Specification.pdf

V. Agriculture Drone Services – Specialty Crops Disease Detection

Hanumayamma operates Agriculture Drone Services for Specialty Crops monitoring, designed to support early detection of crop diseases through aerial imaging and AI-based analysis.

Scope of Service

- Drone-based image capture over specialty crop plantations
- Detection of early-stage disease indicators through:
 - Changes in leaf color
 - Texture variation
 - Canopy stress patterns
 - Growth anomalies visible at the leaf level
- Focus on non-invasive, observational crop health intelligence

These services are diagnostic and consultative in nature and are intended to assist agronomists, plant pathologists, and farm managers.

ADDITIONAL IMAGING SOURCES & COMPUTER VISION USE

Use of Existing and Third-Party Field Images

In addition to drone-based image capture conducted directly by Hanumayamma, the Customer acknowledges and agrees that **Hanumayamma may leverage existing field images or third-**

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



party drone imagery provided by the Customer or authorized sources, subject to the conditions below.

Such images may include, but are not limited to:

- Historical plantation images
- Farmer-captured field images
- Images collected by third-party drone operators
- Satellite or aerial imagery lawfully obtained by the Customer

Algorithm Specification & Onboarding Controls

All third-party or customer-provided images shall be processed **only if** they conform to:

- **Hanumayamma Image & Computer Vision Algorithm Specifications**
- Technical, ethical, and quality standards generally discussed and agreed during the **onboarding process**
- Applicable privacy, data protection, and regulatory requirements

Hanumayamma reserves the right to:

- Accept or reject images that do not meet technical or ethical criteria
- Exclude imagery that may compromise model integrity, accuracy, or compliance

Purpose Limitation

Use of existing or third-party images is strictly limited to:

- Specialty crops disease detection
- Pattern recognition and stress analysis at the leaf or canopy level
- Algorithm validation and improvement (in anonymized or aggregated form)

Such use remains **diagnostic and consultative only** and does not constitute agronomic, medical, or operational instructions.

Rights, Responsibility & Compliance

Customer represents and warrants that:

- It has the **lawful right and authority** to provide such images
- Image use does not violate third-party rights, airspace rules, or local regulations

Hanumayamma:

- Does not assume responsibility for how images were originally captured
- Processes images **only within defined algorithmic and governance boundaries**
- Does not guarantee disease detection accuracy from third-party imagery due to variability in capture quality, timing, resolution, and environmental conditions

No Expansion of Data Rights

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



Use of third-party or existing images:

- Does **not** grant Hanumayamma ownership of underlying imagery
- Does **not** expand Customer data rights beyond those defined in the ITB, Privacy Policy, Terms of Use, and DPA
- Remains subject to **data minimization, security, and ethical AI principles**

B. Platforms, AI Agents & Programs

- Hanumayamma Dairy Analytics Platform
- Hanumayamma Agriculture, Specialty Crops and Data Science AI Platform
- Small Farm Data Science Program

These platforms integrate sensor data, AI agents, and external datasets to produce explainable, veterinarian-ready insights for smallholders, cooperatives, Food Processors, Banks, Governments, and regulated environments.

3. Diagnostic, Non-Invasive & Veterinary-Centric Use

Customer acknowledges that:

- All Hanumayamma sensors are:
 - Non-invasive
 - Biomedical diagnostic devices
 - Intended only for monitoring and decision support
- Sensors do not perform treatment, intervention, or automated clinical action
- All outputs must be reviewed by **licensed veterinarians or clinical specialists**

Hanumayamma does **not replace veterinary judgment**.

4. Sensor Technology, AI/ML & Learning Period

- **Sensors incorporate motion-detection electronics**
- **AI/ML algorithms detect clinical health signals, behavior patterns, and anomalies**
- **Post-deployment:**
 - **45–60 days required for calibration and baseline learning**
 - **Accuracy improves through closed-loop feedback from farmers, handlers, and veterinarians**
- **Systems are assistive, adaptive, and ethically governed**

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



5. Frontier AI Workforce & Responsibility Framework

(a) Frontier AI Company Acknowledgment

Customer acknowledges that Hanumayamma is a Frontier AI company operating with a hybrid workforce consisting of:

- Human employees, consultants, and contractors; and
- Software-based **AI Agents** operating under defined technical, ethical, and governance controls.

AI Agents function as **decision-support and analytical assistants**, not autonomous decision-makers.

(b) Scope of Responsibility & Limitation

Hanumayamma maintains governance, ethical AI controls, and human-in-the-loop oversight. However, Customer agrees that **unauthorized, unintended, or non-compliant actions** by:

- Individual human personnel, or
- AI Agents acting outside intended configurations or due to misuse, external manipulation, or misconfiguration,

shall **not automatically be attributed** to Hanumayamma as a corporate entity, its management, officers, or board, except as required by applicable law.

(c) Remediation Without Corporate Harm

Hanumayamma may investigate, isolate, suspend, or remediate issues involving humans or AI Agents without presumption of enterprise-level fault and without creating liability for management or the company as an entity.

6. Data Privacy, Security & Ethical AI

This ITB incorporates by reference:

- Privacy Policy: <https://hanuinnotech.com/privacypolicy.html>
- Terms of Use: <https://hanuinnotech.com/termsfuse.html>

Key principles:

- Privacy-by-design and data minimization
- No sale or unauthorized commercialization of data
- Secure handling of sensor and analytics data

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



-
- AI systems are **explainable, auditable, and ethical**

No data rights are granted under this ITB. Any processing requires a Definitive Agreement + Data Processing Addendum (DPA).

7. Forecasting & Market Intelligence (Consultative Only)

Hanumayamma analytics platforms and AI agents may provide:

- Market insights
- Demand estimates
- Price trend analysis
- Scenario-based forecasts

All forecasting is strictly consultative and informational.

No forecast constitutes a guarantee, recommendation, or commitment.

Analytics, forecasts, price trends, and demand estimates are consultative and informational only. Actual outcomes may differ materially due to external factors beyond Hanumayamma's control, including markets, policy, climate, geopolitics, trade, and customer decisions.

Detailed risk disclosures appear in Annex A through F.

8. Supply-Chain, Trade & Regulatory Protection

Hanumayamma shall not be liable for delays or non-performance due to:

- Supply-chain disruptions
- Government actions, sanctions, tariffs, or trade wars
- Regulatory or certification changes
- Climate events, pandemics, or force majeure

9. Governing Law

State of **Delaware, USA**, unless superseded by mandatory local law.

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



SCHEDULE 1 — INTENT TO BUY ORDER FORM (NON-BINDING)
(This Schedule forms an integral part of the Intent to Buy)

1. CUSTOMER INFORMATION

Customer Legal Name: _____

Registered Address: _____

Jurisdiction of Deployment:

☐ India ☐ European Union ☐ United States ☐ Other: _____

Authorized Contact:

Name: _____

Title: _____

Email: _____

Phone: _____

2. PRODUCTS & INDICATIVE QUANTITIES

A. Animal Diagnostic Sensors

Cow Necklace Sensors (Cows and Buffalos)

☐ High-Frequency Qty: _____

☐ Mid-Frequency Qty: _____

☐ Low-Frequency Qty: _____

Horse Sensors (HG Model 3)

☐ Jockey Seat Qty: _____

☐ Jockey Saddle Qty: _____

Camel Sensors

☐ Neck-Mounted Qty: _____

Sriya AgriVet Monitor

☐ Farm Positioned / Wall Mounted Qty: _____

B. Platforms & Programs

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



☐ Dairy Analytics Platform

☐ Agri culture & Data Science AI Platform

☐ Specialty Crops & Data Science AI Platform

☐ Small Farm Data Science Program

Drone Service Input Parameters (Required for Planning)

Primary Pricing Basis (select one or both):

☐ Number of Trees: _____

☐ Plantation Area:

☐ Acres: _____

☐ Square Yards: _____

Crop Type / Specialty Crop: _____

Estimated Drone Survey Frequency:

☐ One-time

☐ Weekly

☐ Bi-weekly

☐ Monthly

Region / Location of Plantation: _____

Drone & Imaging Risk Acknowledgment

☐ Customer acknowledges that:

- Drone-based disease detection is probabilistic and consultative
- Results may vary due to climate, soil, crop variety, and farming practices

☐ Insurance & Airspace Compliance Acknowledged

Customer confirms understanding of drone insurance requirements, airspace regulations, and responsibility allocation for customer- or third party-operated drones.

3. DEPLOYMENT CONTEXT (INDICATIVE)

Deployment Type:

☐ Pilot ☐ Phased Rollout ☐ Cooperative ☐ Research

Estimated Start Window: _____

Expected Learning Period:

☐ 45 Days ☐ 60 Days ☐ Other: _____

4. ACKNOWLEDGMENTS

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



- ☐ Veterinary & Ethical Use Acknowledged
- ☐ Data Privacy & DPA Acknowledged
- ☐ Forecasting & Market Risk Acknowledged
- ☐ Frontier AI Workforce Acknowledged
- ☐ Non-Binding Nature Confirmed

5. AUTHORIZED SIGNATURES

Customer

Name: _____

Title: _____

Signature: _____

Date: _____



Hanumayamma Innovations and Technologies Inc.

Name: _____

Title: _____

Signature: _____

Date: _____

Please **Note:** Due to strong global demand, Hanumayamma is currently experiencing a high volume of ITB submissions. All ITBs are reviewed on a **case-by-case basis** and remain **subject to sensor availability**. Final confirmation will be issued by the **Hanumayamma team** upon ITB approval.

ANNEX A — STANDALONE RISK DISCLOSURE (REGULATOR / INVESTOR READY)

A.1 Consultative Nature of Analytics & Forecasts

All analytics, AI-generated insights, forecasts, demand projections, and price analyses provided by Hanumayamma are for consultative planning purposes only.

They are based on:

- Historical data
- Statistical and machine-learning models
- External datasets (climate, policy, markets)

Actual outcomes may differ materially.

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



A.2 External Risk Factors (Non-Exhaustive)

Results may be impacted by factors **outside Hanumayamma's** control, including:

- Commodity market volatility
- Macroeconomic policy changes
- Trade restrictions and tariffs
- Geopolitical events
- Climate variability and disease outbreaks
- Regulatory or subsidy changes
- Behavioral and operational decisions by customers

A.3 No Warranty or Guarantee

Hanumayamma **makes no representation or warranty** regarding:

- Accuracy
- Completeness
- Commercial viability
- Financial outcome

Customers must exercise **independent judgment and due diligence**.

A.4 Jurisdiction-Specific Risk Localization

India

- Subject to agricultural policy shifts, MSP changes, monsoon variability, DPDP Act
- Cooperative and state-level regulatory risks apply
- MSP/monsoon risk, state subsidies, DPDP Act

European Union

- Subject to GDPR, EU AI governance, CAP policy changes, climate regulations

United States

- Subject to USDA policy, commodity markets, state veterinary regulations, federal trade policy

ANNEX B — DATA & AI AGENT EXPLANATION (SUMMARY)

Agents include (representative):

- Animal Health Monitoring Agent
- Behavior & Feed Pattern Analysis Agent

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



-
- Veterinary Decision-Support Agent
 - Climate & Weather Correlation Agent
 - Market & Commodity Intelligence Agent
 - Policy & Central Bank Signal Agent

Flow: Sensor → Secure ingestion → AI analysis → Vet-ready insights → Human feedback → Improved accuracy

Safeguards: Human-in-the-loop, no autonomous clinical action, ethical AI controls.

ANNEX C — DATA PROCESSING ADDENDUM (DPA)

- **Roles:** Customer = Controller; Hanumayamma = Processor
- **Purpose limitation:** Diagnostics, decision support, service improvement (aggregated/anonymized)
- **Security:** Encryption, access controls, monitoring
- **Sub-processing:** Bound by equivalent obligations
- **Retention/Deletion:** Defined in Definitive Agreement
- **Incident notice:** Without undue delay
- **No processing under ITB alone**

ANNEX D — INDIA-ONLY ANNEX

- DPDP Act (2023) alignment
- Prevention of Cruelty to Animals Act, DAHD guidelines
- Cooperative (Amul-style) governance norms

ANNEX E — EU-ONLY ANNEX

- GDPR compliance and data subject rights
- Voluntary alignment with EU AI Act safeguards
- EU Animal Welfare Strategy

ANNEX F — US-ONLY ANNEX

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



-
- State privacy laws (CCPA/CPRA, VCDPA, CPA, etc.)
 - Animal Welfare Act and state veterinary rules
 - Equine racing authority compliance (where applicable)

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



ANNEX G — COMPUTER VISION TECHNICAL ANNEX

(Specialty Crops, Livestock & Aerial Imaging Analytics)

This Computer Vision Technical Annex describes the high-level technical, ethical, and operational framework under which Hanumayamma Innovations and Technologies Inc. processes imagery using its proprietary Image & Computer Vision algorithms.

This annex is provided for transparency, governance, and onboarding alignment and does not disclose trade secrets or algorithmic source code.

G.1 Scope of Computer Vision Processing

Hanumayamma's Computer Vision systems may process imagery for the following diagnostic and consultative purposes only:

A. Specialty Crops

- Early detection of crop stress and disease indicators
- Identification of changes in:
 - Leaf color
 - Leaf texture
 - Canopy density
 - Growth irregularities
- Plantation-level pattern analysis across time

B. Livestock (Non-Invasive)

- Observation of **cow skin conditions**, including **Lumpy Skin Disease (LSD) indicators**
- Surface-level pattern changes captured during:
 - Milking
 - Grazing
 - Routine farm operations
- Correlation with:
 - Motion sensors
 - Methane (CH₄)
 - Carbon Dioxide (CO₂)
 - Ambient and body temperature trends

G.2 Image Sources (Permitted)

Computer Vision algorithms may ingest imagery from the following sources, **subject to acceptance criteria**:

- Hanumayamma-operated agriculture drones
- Customer-provided field images
- Third-party drone imagery lawfully obtained
- Satellite or aerial imagery (where permitted)

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



All imagery must conform to **Hanumayamma Image & Computer Vision Algorithm Specifications** discussed during onboarding.

G.3 Technical Processing Pipeline (High Level)

- 1. Image Ingestion**
 - Secure upload or transfer
 - Metadata validation (time, location, resolution)
- 2. Pre-Processing**
 - Noise reduction
 - Resolution normalization
 - Color and lighting correction
- 3. Feature Extraction**
 - Leaf-level and surface-level pattern detection
 - Shape, color, and texture analysis
 - Temporal comparison across image sets
- 4. Model Inference**
 - AI/ML-based probabilistic assessment
 - Confidence scoring and anomaly flags
- 5. Human-in-the-Loop Review**
 - Agronomist or veterinarian interpretation
 - Cross-validation with sensor data (where available)
- 6. Insight Delivery**
 - Consultative outputs only
 - No autonomous treatment or intervention

G.4 Ethical AI & Safety Controls

Hanumayamma enforces the following safeguards:

- **No autonomous clinical or agronomic decisions**
- **Human-in-the-loop at all critical stages**
- Bias monitoring and data drift detection
- Explainability at the insight level
- Purpose limitation and data minimization

G.5 Limitations & Accuracy Considerations

Customers acknowledge that Computer Vision output may be affected by:

- Image resolution and angle
- Lighting and weather conditions
- Crop variety or animal breed differences
- Timing of image capture

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



-
- Environmental and soil factors

Accordingly:

- Outputs are **probabilistic**, not deterministic
- No guarantee of disease identification or prediction accuracy is provided
- Final decisions rest with qualified professionals

G.6 Intellectual Property Protection

All Computer Vision models, pipelines, feature extractors, and derived analytics remain the **exclusive intellectual property of Hanumayamma Innovations and Technologies Inc.**

No rights or licenses are granted except as expressly stated in a Definitive Agreement.

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



ANNEX H — IMAGE ACCEPTANCE CHECKLIST (ONBOARDING SOP)

(Customer & Partner Image Submission)

This Image Acceptance Checklist defines the minimum requirements for accepting customer-provided or third-party imagery into Hanumayamma's Computer Vision systems.

Completing this checklist is part of the onboarding process.

H.1 Legal & Rights Verification

- ☐ Customer confirms lawful ownership or usage rights for images
- ☐ No violation of third-party IP, privacy, or airspace laws
- ☐ Required permissions and consents obtained
- ☐ Images comply with local drone / aviation regulations

H.2 Image Quality Requirements

- ☐ Minimum resolution meets onboarding specifications
- ☐ Images are clear, in focus, and free from heavy distortion
- ☐ Adequate lighting (no extreme shadows or glare)
- ☐ Proper angle for leaf / surface visibility
- ☐ No excessive compression or artifacts

H.3 Context & Metadata

- ☐ Date and approximate time of capture available
- ☐ Location (GPS or plot reference) provided where possible
- ☐ Crop type / animal type identified
- ☐ Growth stage or operational context noted (e.g., milking, grazing)

H.4 Ethical & Safety Review

- ☐ Imagery does not depict inhumane treatment of animals
- ☐ No unsafe farming or handling practices shown
- ☐ No forced or abusive conditions captured
- ☐ Complies with Hanumayamma Animal Welfare & Ethics standards

H.5 Technical Compatibility

- ☐ Image format supported (e.g., JPEG, PNG, TIFF as specified)
- ☐ File size within accepted limits
- ☐ Color spectrum compatible with model requirements
- ☐ Passes automated ingestion validation checks

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



H.6 Acceptance Decision

- ☐ Accepted for processing
- ☐ Accepted with limitations (noted below)
- ☐ Rejected (reason documented)

Reviewer (Hanumayamma): _____

Date: _____

Notes: _____

H.7 Ongoing Monitoring

Accepted imagery may be:

- Periodically re-evaluated
- Excluded if quality degrades or compliance changes
- Removed upon regulatory, legal, or ethical concerns

INSURANCE & AIRSPACE COMPLIANCE (DRONE & AERIAL OPERATIONS)

Insurance Coverage

Where Agriculture Drone Services are provided directly by Hanumayamma or through authorized partners, Hanumayamma shall maintain **commercially reasonable insurance coverage**, which may include:

- General Commercial Liability Insurance
- Aviation / Drone Liability Insurance (where applicable)
- Workers' compensation or equivalent statutory coverage

Such insurance is maintained **in accordance with industry standards** and applicable law and is intended to cover Hanumayamma's direct operational activities only.

Customers acknowledge that:

- Insurance coverage does **not** extend to:
 - Customer-owned drones
 - Third-party drone operators engaged independently by the Customer
 - Customer premises, personnel, or property not under Hanumayamma's direct control
- Proof of insurance may be provided **upon reasonable request**, subject to confidentiality and policy limitations

Airspace, Aviation & Regulatory Compliance

All drone and aerial imaging operations conducted under this ITB shall comply with applicable **aviation, airspace, and unmanned aircraft regulations**, including but not limited to:

- **India:** Directorate General of Civil Aviation (DGCA) rules and UAS policies

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



- **United States:** Federal Aviation Administration (FAA) regulations (e.g., Part 107)
- **European Union:** European Union Aviation Safety Agency (EASA) regulations

Compliance includes, where required:

- Drone registration and identification
- Licensed or certified pilots/operators
- Flight permissions, authorizations, or airspace clearances
- Adherence to altitude, geofencing, and no-fly zone restrictions

Third-Party and Customer-Provided Drone Operations

Where imagery is collected by:

- Customer-operated drones, or
- Third-party drone service providers not under Hanumayamma's direct control

Customer represents and warrants that:

- All such drone operations are **lawfully conducted**
- All required licenses, permissions, and insurance are in place
- Operations comply with local airspace, safety, and privacy laws

Hanumayamma:

- Does **not** assume responsibility for how such drones are operated
- Is **not liable** for airspace violations, accidents, fines, or penalties arising from third-party or customer-operated drones
- Processes imagery **only after acceptance under Hanumayamma's Image & Computer Vision Onboarding SOP**

Operational Limitations & Safety

Drone operations may be:

- Suspended, delayed, or modified due to:
 - Weather conditions
 - Airspace restrictions
 - Regulatory directives
 - Safety or risk considerations
- Adjusted to comply with emergency or government-imposed restrictions

Such changes shall **not** constitute breach or default under the ITB.

Indemnity & Risk Allocation (Aviation Context)

To the extent permitted by law, Customer agrees to:

- Indemnify and hold harmless Hanumayamma against claims arising from:
 - Unauthorized drone operations by Customer or third parties
 - Violations of aviation or airspace regulations outside Hanumayamma's control
 - Improper or unsafe use of drone imagery

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



This clause survives termination of the ITB.

No Expansion of Obligations

Nothing in this clause:

- Creates an obligation for Hanumayamma to conduct drone flights
- Guarantees availability of drone services
- Expands liability beyond what is expressly agreed in a Definitive Agreement

Final Clarification

Neither this Technical Annex nor the Image Acceptance Checklist:

- Expands Hanumayamma's data ownership rights
- Creates any binding service obligation
- Alters the consultative, non-binding nature of the ITB

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



Final Acknowledgment

This ITB reflects **good-faith, non-binding intent** aligned with **frontier AI governance, ethical data practices, veterinary science, animal welfare, and regulatory prudence** across India, the EU, and the US.

Authorized Signatures



Hanumayamma Innovations and Technologies Inc.

Name: _____

Title: _____

Signature: _____

Date: _____

Please **Note:** Due to strong global demand, Hanumayamma is currently experiencing a high volume of ITB submissions. All ITBs are reviewed on a **case-by-case basis** and remain **subject to sensor availability**. Final confirmation will be issued by the **Hanumayamma team** upon ITB approval.

Customer

Name: _____

Title: _____

Signature: _____

Date: _____

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.



Online Intent-to-Buy Notice

Any online intent-to-buy submissions, expressions of interest, or purchase inquiries made through this website are treated as **non-binding requests**.

All such submissions will be sent to Shruti Vuppalapati, Chief Operating Officer (COO)
svuppalapati@hanuinnotech.com

© Hanumayamma Innovations and Technologies Inc. All rights, title, and interest in and to this document, including all associated materials, content, data, concepts, designs, methodologies, AI agents, analytics, and intellectual property, are exclusively reserved.

This document and its contents are confidential and proprietary to Hanumayamma Innovations and Technologies Inc. Unauthorized use, copying, reproduction, modification, distribution, transmission, or disclosure, in whole or in part, by any means, is strictly prohibited without prior written authorization from Hanumayamma Innovations and Technologies Inc.

Nothing in this document shall be construed as granting, by implication, estoppel, or otherwise, any license or right to any intellectual property of Hanumayamma Innovations and Technologies Inc., except as may be expressly set forth in a separately executed written agreement.