STATEMENT OF WORK (SOW)

Project ID: TSLA-AI-2026-OPT-EXT01
Version: 1.0
Date: January 10, 2026
Effective Date: January 15, 2026

1. Parties

Client: Tesla, Inc.
1 Tesla Road, Austin, TX 78725, United States
Client Representative / Project Manager: Sarah Chen, Director of AI Training Platforms

Partner / Service Provider: Horizon AI Solutions LLC (Prime Contractor)
555 Tech Park Drive, Suite 1200, Palo Alto, CA 94304, United States
Partner Project Manager: Michael Rivera, Principal AI Consultant
Partner Technical Lead: Dr. Elena Vasquez, Senior Machine Learning Architect

2. Project Overview

Project Name: Optimus Motion Foundation Model Acceleration – Phase 1 (OMFMA-P1)

This Time and Materials engagement accelerates development and training efficiency of foundation models for humanoid robot motion planning and control under Tesla's Optimus program. Senior AI/ML engineers will collaborate with Tesla's Autopilot & Robotics AI teams on architecture optimization, distributed training, and real-time inference pipelines.

3. Project Classification

Practice Area: Artificial Intelligence & Machine Learning
Category: Consulting / Augmentation Services
Billing Type: Time and Materials (T&M;)
Status: Not Started

4. Scope of Services

- Vision-language-motion foundation model enhancements
- Distributed training optimization across heterogeneous hardware
- Synthetic data generation for humanoid robotics
- Model compression and real-time inference optimization
- Code reviews, sprint planning, and technical presentations

Out of Scope: Hardware procurement, full product delivery, fleet deployment

5. Project Timeline

Estimated Start: February 1, 2026
Estimated End: July 31, 2026

Key Milestones include onboarding, architecture benchmarks, training improvements, and final knowledge transfer.

6. Resources & Technologies

Python, PyTorch, JAX, DeepSpeed, FSDP, CUDA, TensorRT, Tesla AI chips, NVIDIA H100/A100, Hydra, Weights & Biases, Slurm/PBS, ROS2.

7. Staffing & Effort Estimate

2 Senior ML Research Engineers
3 Senior ML Engineers
1 Technical Project Coordinator (part-time)

Estimated Effort: 4,800–6,200 hours over 6 months

8. Assumptions & Dependencies

Timely access to datasets, compute resources, documentation, and stakeholder availability.

9. Acceptance & Deliverables

Deliverables accepted via demos, code merges, milestone sign-offs, and final documentation.

10. Terms & Conditions

Governed by the Master Services Agreement between Tesla, Inc. and Horizon AI Solutions LLC.

Accepted & Agreed

For Tesla, Inc.
Signature: _____
Name: Sarah Chen
Title: Director of AI Training Platforms
Date: _____

For Horizon AI Solutions LLC
Signature: _____
Name: Michael Rivera
Title: Principal AI Consultant
Date: _____