

R&H MERIDIAN LLC

Electrical • Industrial Systems • Communications • AI/ML • Fleet Maintenance

SERVICE-DISABLED
VETERAN-OWNED SMALL
BUSINESS

CAPABILITY SUMMARY

INSTALLATION & FIELD SERVICES: R&H Meridian provides electrical installation, Cat 6 structured cabling, industrial equipment installation, conveyance and sortation support, controls and PLC-connected equipment support, fleet maintenance, troubleshooting, testing, commissioning, and preventive/corrective maintenance for government and commercial environments.

AI & MACHINE LEARNING: R&H Meridian develops artificial intelligence and machine learning solutions including computer vision, data analysis, intelligent workflow automation, and integration of software, controls, and operational data for mission and business applications.

CORE COMPETENCIES

- Electrical installation, power/control wiring, controls and PLC-connected equipment support
- Conveyor and sortation system installation, extensions, retrofits, troubleshooting and repair
- Structured cabling and Cat 6 network cabling installation, termination, testing and documentation
- System testing, commissioning, startup support and operational verification
- Industrial equipment diagnostics, preventive maintenance and corrective maintenance
- Vehicle and fleet preventive maintenance, diagnostics, electrical troubleshooting and mechanical repair
- AI/ML solution development, computer vision, data analysis, intelligent automation and workflow integration
- Technical project coordination across mechanical, electrical, controls, communications and software teams

RELEVANT PERSONNEL EXPERIENCE

Extensive artificial intelligence and machine learning experience spans computer vision, large language models, edge ML, data engineering, and intelligent automation. This includes developing computer vision and classification systems for NASA’s Artemis-related research, building and optimizing LLM workflows using LangChain and, fine-tuning models, developing AI data pipelines, and deploying solutions across Azure and AWS environments. Additional research has focused on dimensionality reduction and Vision Transformer optimization, including methods that reduced required image information by 99.96% while significantly increasing training speed. This work is also supported by multiple peer-reviewed publications in machine learning, computer vision, and predictive modeling.

Personnel bring more than 10 years of hands-on experience supporting industrial installation, conveyance, sortation, electrical, controls, communications, mechanical repair and vehicle maintenance. Representative experience includes high-volume warehouse systems processing more than 250,000 items daily, including work at sites managed by Home Depot, Amazon, Dollar Tree, Coca-Cola, PepsiCo and Ralph Lauren.

TARGET CUSTOMERS & PROJECT TYPES

- Federal, state and local government agencies, including Department of Defense installations
- Warehouses, distribution centers, parcel-processing, manufacturing and logistics operations
- Airports, baggage-handling environments, system integrators and equipment manufacturers
- Government/commercial fleets, public works organizations, general contractors and large prime contractors

INDUSTRIAL & INFRASTRUCTURE

- Electrical, controls, conveyor and sortation support and
- Warehouses, distribution centers, manufacturing and parcel-processing environments
- Installation, retrofit, troubleshooting, testing and commissioning

AI & DIGITAL

- Artificial intelligence and machine learning solution
- Computer vision, data analysis and intelligent workflow automation
- Integration of software, controls and operational data for mission/business use

DIFFERENTIATORS

- Engineering-led approach to diagnostics and technical problem solving
- Cross-functional capability spanning mechanical, electrical, controls, communications and software/AI
- Experience in active operational environments where safety, uptime and schedule adherence are critical
- Direct owner involvement and small-business responsiveness
- Able to support prime contractors as a specialized subcontractor
- Veteran-led leadership focused on accountability and mission execution

COMPANY DATA

Business Type: SDVOSB
Headquarters: Denton, Texas
Service Area: Nationwide
UEI: CB5RVMEGCBT6
CAGE: 221L6

SELECTED NAICS

- 238210** Electrical Contractors & Wiring Installation
- 238290** Other Building Equipment Contractors
- 541330** Engineering Services
- 541512** Computer Systems Design Services
- 811310** Industrial Machinery & Equipment Repair
- 811111** General Automotive Repair
- 517810** All Other Telecommunications

PRIMARY CONTACT

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FLEET & MISSION SUPPORT

- Preventive/corrective vehicle maintenance and diagnostics systems
- Government, municipal, commercial and operational fleet support
- Prime-contractor and specialized subcontractor support

Government • Defense • Industrial • Logistics • Fleet Operations

R&H Meridian LLC | Denton, TX