AMR COMPONENT COST BREAKDOWN

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CONFIDENTIAL AND PROPRIETARY

NaviFloor Robotics, Inc.

Effective Date: January 11, 2024

1. DOCUMENT PURPOSE AND SCOPE

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1. This AMR Component Cost Breakdown ("Cost Analysis") details the mat

2. All costs represented herein are based on Q4 2023 supplier agreements an

2. CORE HARDWARE COMPONENTS

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1. Sensing and Navigation Systems

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LiDAR Units (Velodyne Puck): $3,850/unit

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Depth Cameras (Intel RealSense D455): $245/unit

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IMU Systems (Bosch BMI088): $175/unit

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Terrain Mapping Processor Array: $1,250/unit

Navigation Control Unit: $2,100/unit

2. Drive System

Brushless DC Motors (2x): $425/unit

Motor Controllers: $285/unit

Wheel Assemblies: $195/unit

Suspension System: $475/unit

Drive Train Components: $385/unit

3. Power Systems

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Lithium-Ion Battery Pack (48V): $2,850/unit

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Power Management System: $685/unit

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Charging Interface: $425/unit

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Emergency Power Backup: $315/unit

3. ELECTRONIC COMPONENTS

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1. Computing Hardware

Main Control Computer: $1,850/unit

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Secondary Processing Units: $725/unit

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Memory Modules: $245/unit

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Storage Systems: $175/unit

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2. Communication Systems

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WiFi Modules: $125/unit

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Bluetooth Systems: $85/unit

RF Communication Units: $195/unit

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Network Interface Cards: $145/unit

4. STRUCTURAL COMPONENTS

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1. Frame and Housing

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Main Chassis: $985/unit

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External Shell: $645/unit

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Internal Support Structure: $425/unit

- Mounting Brackets: $175/unit

- 2. Safety Systems

- Emergency Stop Mechanisms: $245/unit

- Collision Avoidance Sensors: $385/unit

- Warning Indicators: $125/unit

- Safety Bumpers: $165/unit

5. ASSEMBLY AND LABOR COSTS

1. Direct Labor

- Primary Assembly: $1,250/unit
- Quality Control: $485/unit
- Testing and Calibration: $625/unit
- Final Integration: $385/unit

2. Indirect Labor

- Engineering Support: $725/unit

Software Configuration: $485/unit

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Documentation: $175/unit

6. TOTAL COST ANALYSIS

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1. Per-Unit Cost Breakdown

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NF-1000 Model: $22,485/unit

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NF-2000 Model: $27,850/unit

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2. Volume Pricing Adjustments

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10+ Units: 5% reduction

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25+ Units: 8% reduction

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50+ Units: 12% reduction

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100+ Units: 15% reduction

7. SUPPLIER RELATIONSHIPS

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1. Key Component Suppliers

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Primary LiDAR: Velodyne Lidar, Inc.

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Processing Units: Intel Corporation

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Battery Systems: Samsung SDI

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Motor Systems: Nidec Corporation

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2. Supply Chain Contingencies

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Secondary supplier agreements maintained for all critical components

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90-day minimum inventory requirements

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Rolling 12-month supply forecasting

8. CONFIDENTIALITY AND USE RESTRICTIONS

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1. This Cost Analysis contains confidential and proprietary information of N

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2. No part of this document may be disclosed, copied, or distributed without

9. CERTIFICATION

The undersigned hereby certifies that the information contained in this Cost

Analysis is true and accurate to the best of their knowledge as of the Effectiv

Date.

NAVIFLOOR ROBOTICS, INC.

By: _

James Wilson

Chief Financial Officer

Date: _

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## 10. DISCLAIMER

This Cost Analysis is provided for informational purposes only and does not constitute a binding offer or guarantee of prices. All costs are subject to change based on market conditions, supplier agreements, and manufacturing
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optimizations.