# **R&D TAX CREDIT CALCULATION 2023**

# **R&D TAX CREDIT CALCULATION 2023**

NaviFloor Robotics, Inc.

For the tax year ending December 31, 2023

#### 1. EXECUTIVE SUMMARY

This document details the calculation of Research & Development (R&D) tacredits claimed by NaviFloor Robotics, Inc. ("Company") for fiscal year 202 under IRC Section 41. The Company has conducted qualified research activities related to the development of autonomous mobile robots (AMRs) and associative navigation systems.

# 2. QUALIFIED RESEARCH EXPENSES (QRE)

# 2.1 Wage Expenses

\_

Research Engineers & Scientists: \$4,825,000

-

Software Development Team: \$2,750,000

\_

Technical Project Management: \$985,000

-

Direct Research Support Staff: \$675,000

**Total Wage QRE: \$9,235,000** 

2.2 Supply Expenses

- -2-

Prototype Components: \$1,245,000

-

Testing Materials: \$685,000

\_

Research Equipment (non-capitalized): \$425,000

-

Development Consumables: \$195,000

**Total Supply QRE: \$2,550,000** 

#### 2.3 Contract Research

-

University Research Partnerships: \$450,000

-

Third-Party Testing Services: \$325,000

- - 3 -

Specialized Engineering Consultants: \$275,000

Total Contract Research QRE: \$1,050,000

### 3. BASE PERIOD CALCULATIONS

### 3.1 Fixed-Base Percentage

-

Start-up Period Years (2018-2022): 5

\_

Aggregate QREs (2018-2022): \$52,450,000

-

Aggregate Gross Receipts (2018-2022): \$89,750,000

**Fixed-Base Percentage: 8.45%** 

### 3.2 Average Annual Gross Receipts

-

2020: \$18,500,000

-

2021: \$24,750,000

-

2022: \$28,500,000

-

2023: \$32,500,000

**Four-Year Average: \$26,062,500** 

# 4. CREDIT CALCULATION

# **4.1 Regular Credit Method**

- - 5 -

Current Year QRE: \$12,835,000

\_

Base Amount: \$2,202,281

-

Excess QRE: \$10,632,719

-

Credit Rate: 20%

Regular Credit Amount: \$2,126,544

# 4.2 Alternative Simplified Credit (ASC) Method

-

Current Year QRE: \$12,835,000

-

Average Prior 3 Years QRE: \$9,850,000

- 6 -

Increment Rate: 14%

**ASC Amount: \$1,796,900** 

# **5. QUALIFYING ACTIVITIES**

### **5.1 Core Research Projects**

-

Multi-surface Navigation Algorithm Development

\_

LiDAR integration optimization

-

Real-time terrain mapping improvements

-

Path planning algorithm enhancement

- -7-

Fleet Management System Architecture

\_

Distributed computing optimization

\_

Network latency reduction

\_

Multi-robot coordination protocols

\_

Sensor Fusion Technology

-

Advanced depth sensing integration

-

Environmental awareness systems

8 -
Obstacle detection improvements
6. CERTIFICATION
The undersigned officers hereby certify that:
<u>-</u>
All research activities claimed meet the four-part test under IRC Section 41(
Qualified purpose
-
Technical uncertainty
-
Systematic process

- -9-

Technological in nature

-

All expenses claimed are properly documented and supported by contempora

-

This calculation has been reviewed by qualified tax professionals and meets

#### 7. DISCLAIMERS

This document is prepared solely for internal use and tax filing purposes. Whereasonable care has been taken in its preparation, no warranty or representations is made regarding the accuracy or completeness of calculations. All figures a subject to review and adjustment upon IRS examination.

# 8. EXECUTION

APPROVED AND ACCEPTED this 15th day of January, 202	24
NaviFloor Robotics, Inc.	
By: _	
James Wilson	
Chief Financial Officer	
By: _	
Dr. Elena Kovacs	
Chief Research Officer	
REVIEWED BY:	

\_ - 11 -

Johnson & Associates, LLP

Tax Advisors

January 15, 2024

