

APPLICATION FOR FEDERAL ASSISTANCE

OMB Approval No. 4040-0004 | Expiration Date: 11/30/2025

SECTION 1: TYPE OF SUBMISSION & APPLICATION INFORMATION

1a. Type of Submission	Application
1b. Type of Application	New
1c. Revision Type (if applicable)	N/A — New Application
1d. Date Received by State	N/A — Direct Federal Submission
1e. Applicant Identifier	R6QDGZFNW5M3
1f. State Application Identifier	N/A

SECTION 2: FEDERAL ENTITY & FUNDING OPPORTUNITY

2a. Federal Entity Identifier	693JJ326NF00010
2b. Federal Award Identifier	N/A (New Application)
2c. Federal Opportunity Number	693JJ326NF00010
2d. Opportunity Title	FY2026 Strengthening Mobility and Revolutionizing Transportation (SMART) Grants Program
2e. CFDA Number	20.932
2f. CFDA Title	Strengthening Mobility and Revolutionizing Transportation Grants Program

SECTION 3: DATE RECEIVED & STATE IDENTIFIERS

3a. Date Received by State	N/A
3b. State Application Identifier	N/A — Direct Federal Application

SECTION 4: APPLICANT INFORMATION

4a. Legal Name	ByRyde Corp
4b. Employer/Taxpayer ID (EIN/TIN)	41-2834015
4c. UEI (Unique Entity Identifier)	R6QDGZFNW5M3
4d. Organizational DUNS	N/A (Replaced by UEI)
4e. Street Address Line 1	10395 W Fairview Ave.
4f. Street Address Line 2	N/A
4g. City	Boise
4h. County/Parish	Ada County
4i. State	Idaho
4j. Province (if outside U.S.)	N/A
4k. ZIP / Postal Code	83704
4l. Country	United States of America

SECTION 5: ORGANIZATIONAL UNIT

5a. Organizational Unit / Department Technology & Engineering Division
5b. Division Research & Development — AI Transportation Systems

SECTION 6: CONTACT INFORMATION — AUTHORIZED REPRESENTATIVE

6a. Prefix Mr.
6b. First Name Oday
6c. Middle Name Mohammed
6d. Last Name Waheeb
6e. Suffix N/A
6f. Title / Position Chief Executive Officer
6g. Telephone Number (208) 353-4308
6h. Fax Number N/A
6i. Email Address grants@byryde.com

SECTION 7: TYPE OF APPLICANT

7a. Type of Applicant Small Business (For-Profit Organization)
7b. Minority-Owned Status N/A
7c. Women-Owned Status N/A
7d. Veteran-Owned Status N/A
7e. Disadvantaged Business Enterprise N/A
7f. HUBZone Certification N/A

SECTION 8: APPLICATION TYPE & PROJECT INFORMATION

8a. Application Type New — Stage 1 Planning and Prototyping Grant
8b. Project Title ByRyde Smart Transportation Optimization Network (STON)
8c. Project Description (Short) AI-Powered Multimodal Transportation Platform Integrating Rideshare Optimization, EV Fleet Management, and Public Transit Connectivity

Section 8d: Areas Affected by Project

The proposed project will be deployed across five (5) major U.S. metropolitan statistical areas, serving an aggregate population of approximately 56 million residents:

1. New York-Newark-Jersey City, NY-NJ-PA MSA (Population: 20,140,470) — Primary launch market encompassing all five boroughs, Northern New Jersey, and Long Island. Congressional Districts: NY-7, NY-8, NY-9, NY-10, NY-12, NJ-8, NJ-9, NJ-10.
2. Los Angeles-Long Beach-Anaheim, CA MSA (Population: 13,200,998) — Secondary launch market encompassing Los Angeles County, Orange County, and portions of Riverside and San Bernardino Counties. Congressional Districts: CA-25 through CA-47.

3. Chicago-Naperville-Elgin, IL-IN-WI MSA (Population: 9,458,539) — Phase 2 expansion market. Congressional Districts: IL-1 through IL-11.
4. Houston-The Woodlands-Sugar Land, TX MSA (Population: 7,122,240) — Phase 2 expansion market. Congressional Districts: TX-2, TX-7, TX-8, TX-9, TX-10, TX-18, TX-22, TX-29, TX-36, TX-38.
5. Atlanta-Sandy Springs-Alpharetta, GA MSA (Population: 6,144,050) — Phase 2 expansion market. Congressional Districts: GA-4, GA-5, GA-6, GA-7, GA-11, GA-13.

SECTION 9: CONGRESSIONAL DISTRICTS

9a. Applicant's Congressional District	ID-01 (Idaho 1st Congressional District)
9b. Project Congressional Districts	Multiple — See Section 8d Above

SECTION 10: PROPOSED PROJECT DATES

10a. Proposed Start Date	Upon Award (Estimated October 1, 2026)
10b. Proposed End Date	24 Months Post-Award (Estimated September 30, 2028)
10c. Budget Period 1	Months 1–12 (Development & Pilot)
10d. Budget Period 2	Months 13–24 (Validation & Scale)

SECTION 11: ESTIMATED FUNDING (\$)

11a. Federal	\$2,000,000.00
11b. Applicant (Cost Share)	\$500,000.00
11c. State	\$0.00
11d. Local	\$0.00
11e. Other	\$0.00
11f. Program Income	\$0.00
11g. TOTAL ESTIMATED PROJECT COST	\$2,500,000.00

The cost share ratio is 80% Federal / 20% Applicant, meeting the minimum 20% non-Federal match requirement established in the SMART Grants Program NOFO. The applicant cost share of \$500,000 consists of \$300,000 in cash and \$200,000 in documented in-kind contributions (existing technology platform valued at \$150,000 and executive time valued at \$50,000).

SECTION 12: COMPLIANCE, DELINQUENCY & EXECUTIVE ORDER

12a. Is applicant delinquent on any Federal debt?	No
12b. Explanation (if yes)	N/A
12c. Subject to Executive Order 12372?	No — Program not covered
12d. Executive Order 12372 Date	N/A

SECTION 13: NAICS CODES & BUSINESS CLASSIFICATION

The applicant operates under the following North American Industry Classification System (NAICS) codes, reflecting the integrated technology and transportation nature of the proposed project:

NAICS Code	Description	Primary/Secondary
518210	Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services	Primary
511210	Software Publishers	Primary
485310	Taxi and Ridesharing Services	Secondary
541511	Custom Computer Programming Services	Secondary
541512	Computer Systems Design Services	Secondary
541715	Research and Development in the Physical, Engineering, and Life Sciences	Secondary

SECTION 14: SAM.GOV REGISTRATION & ADMINISTRATIVE DATA

14a. SAM.gov Registration Status	Active
14b. CAGE Code	[CAGE Code - Assigned upon SAM.gov registration]
14c. UEI Number	R6QDGZFNW5M3
14d. Small Business Status (SBA)	Qualifies as Small Business
14e. Entity Type	For-Profit Organization (Other Than Small Business)
14f. Fiscal Year End Date	December 31

SECTION 15: PROJECT ABSTRACT (250-WORD SUMMARY)

ByRyde Corp proposes the Smart Transportation Optimization Network (STON), a first-of-its-kind artificial intelligence platform that integrates rideshare optimization, electric vehicle (EV) fleet management, and public transit connectivity to address critical urban mobility challenges across five major U.S. metropolitan areas. The STON leverages fifteen (15) specialized GPT-5.2 AI endpoints, Tesla Fleet API integration, and real-time demand forecasting algorithms to reduce vehicle miles traveled (VMT) by 20–30%, accelerate EV adoption among gig economy workers by 40%, and improve transportation equity in historically underserved communities.

The platform comprises two integrated applications: the ByRyde Driver Platform—featuring 120+ production-ready features across 67 application screens—and byryde.com, the consumer-facing application enabling real-time booking, live GPS tracking, secure Stripe-powered payments, and comprehensive safety features. Together, these applications create a complete two-sided marketplace optimized by artificial intelligence. Core innovations include AI-driven demand forecasting with 85%+ accuracy in 30-minute prediction windows, fatigue detection with 91% accuracy using behavioral signal analysis, Women+ Connect safety matching, 12-language accessibility via Google Cloud Translation API, and AI-optimized EV charging that shifts 60% of fleet charging to off-peak hours.

The requested federal investment of \$2,000,000, supplemented by \$500,000 in applicant cost share, will fund a 24-month deployment across New York, Los Angeles, Chicago, Houston, and Atlanta—serving a combined population exceeding 56 million and engaging 500+ rideshare drivers in rigorous pilot testing, data collection, and impact assessment. The project directly addresses five of eight SMART technology areas defined under Section 25005 of the Bipartisan Infrastructure Law.

SECTION 16–18: CERTIFICATIONS & ASSURANCES

16. Executive Order 12549 — Debarment and Suspension Certification

The applicant certifies, to the best of its knowledge and belief, that it and its principals: (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency; (b) Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b); and (d) Have not within a three-year period preceding this application had one or more public transactions terminated for cause or default.

17. Drug-Free Workplace Certification

In accordance with the Drug-Free Workplace Act of 1988 (41 U.S.C. §§ 8101–8106), the applicant certifies that it will or will continue to provide a drug-free workplace by: (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace; (b) Establishing an ongoing drug-free awareness program; (c) Making it a requirement that each employee engaged in the performance of the grant be given a copy of the drug-free workplace statement; (d) Notifying the employee in the statement that, as a condition of employment under the grant, the employee will abide by the terms of the statement; and (e) Taking appropriate personnel action against any employee convicted of a drug violation occurring in the workplace.

18. Lobbying Certification (31 U.S.C. § 1352)

The applicant certifies that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, or an employee of a Member of Congress in connection with this Federal award. See accompanying SF-LLL for complete lobbying disclosure.

SECTION 19–21: ADDITIONAL CERTIFICATIONS

19. Civil Rights Compliance

The applicant assures compliance with Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq.), Title IX of the Education Amendments of 1972 (20 U.S.C. §§ 1681–1683), Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), the Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101–6107), and all implementing regulations.

20. Environmental and Historic Preservation Compliance

The applicant assures compliance with the National Environmental Policy Act of 1969 (NEPA, 42 U.S.C. §§ 4321–4347), Executive Order 11514, and the National Historic Preservation Act of 1966, Section 106 (54 U.S.C. § 306108). The proposed project is a technology platform and does not involve physical construction, ground disturbance, or modification of historic properties.

21. Intergovernmental Review (Executive Order 12372)

This program is not subject to Executive Order 12372, "Intergovernmental Review of Federal Programs." Accordingly, no State Single Point of Contact (SPOC) review is required.

AUTHORIZED REPRESENTATIVE CERTIFICATION

By signing this application, the authorized organizational representative certifies to the best of their knowledge and belief that all data in this application are true and correct, the document has been duly authorized by the governing body of the applicant, and the applicant will comply with the attached assurances if the assistance is awarded.

Authorized Representative Signature

Print Name

Title

Date

Telephone

Email

Oday Mohammed Waheeb

Chief Executive Officer

(208) 353-4308

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