

## Notice of Intent to Award a Sole Source Procurement

Notice is hereby given that the Hillsborough County Aviation Authority (Authority) intends to award a sole source contract(s) to The Indoor Lab LLC for Software Development, Cobranding, Revenue Share, Software, Support, Maintenance and Professional Services of The Indoor Labs LLC's proprietary solution. The Authority intends to begin negotiations with The Indoor Lab LLC on or about January 29, 2023.

The Authority currently uses or is in development of The Indoor Lab LLC Guest Flow, TSA/FIS, Concessions, Services, Gate Management, Gate Hold Area, Gate Airline Underwing, Parking Garage Volume/Revenue Management, Roadway Height and Volume Analysis, Runway/Tarmac FOD Control, Hardstand Management, Curbside Management solutions, First Bag Drop Verification by Flight, and Oversized carry-on Baggage Detection solutions.

The Indoor Lab LLC solutions include perception software, AI, machine learning, and kinematic gaming engine, creates a singular solution that enables delivery of historical, real-time, future, and simulations to enable proactive planning. The platform has real time reporting ability covering no less than fifteen (15) individual statistical automation modules to streamline information delivery of critical data not available today to the Authority. The solutions manage the collection of data from LiDAR sensors which will be purchased outside of this sole source.

Additionally, The Indoor Lab LLC has offered the Authority a strategic partnership opportunity which includes cobranding and revenue share opportunities. Through this partnership, the Authority will assist The Indoor Lab LLC in the development of its existing proprietary solution (patent pending). The Authority will cobrand the individual solutions available in the platform that have been developed and will assist in marketing those solutions. In return, the Authority will receive discounts on licensing, professional services, support and maintenance purchased during future expansions, if any, and will receive a revenue share of sales made to other entities. This opportunity is available for The Indoor Lab LLC's entire platform, including, but not limited to:

- Real-Time Tire tread analysis to measure tire wear and tear for preventative safety
- Unsupervised ML models for Anomaly Detection
- Reinforcement Learning for "What If" Scenarios/Simulations
- Predictive synthetic modeling and optimization
- Synthetic analysis for resequencing events
- Route recommendations for AI flow improvements
- Agent activations for optimization monitoring
- Agent based simulation modeling
- Adjustable Fee Structuring

- Interstate to Gate Monitoring
- Vehicle Avoidance System
- Vehicle transaction Times, backups, lane changes
- Non-Compliant Alerting Mechanisms
- Proprietary Perception Software with AI and non-aided ML learning
- Boarder protection and alerting
- Undulation monitoring and uneven ware
- AI Process re-engineering & resequencing
- Optimistic Execution of Reservoir Computing Machine Learning Models
- Systems and Methods for an Artificial Intelligence Data Fusion Platform
- Methods and systems for artificial neural network optimistic event processing
- Remote Lidar Processing
- Synthetic flow with non-aided ML learning
- Second by second wait time analysis of structured and unstructured environments
- Dynamic threshold monitoring for staffing requirements
- Time Series Predictions for service pricing optimization
- NOC Integration examples across the airport
- Common Use Integration and brand integrations
- FOD Alerting
- Departure Analysis
- Enplanement Analysis
- Deplanement Analysis
- Employee exclusion zone monitoring
- Digital signage transactional optimization
- Space allocation analysis and Modeling
- LGPH Lidar Graph Compression Technology
- Passenger anomaly detection
- US Based company, US Based storage, IP protection

Companies who believe they can meet or exceed the above stated requirements must provide, in writing, convincing technical data sufficient to support their position. Responses to this notice will be used to determine whether bona fide competition exists. Send written responses to the Hillsborough County Aviation Authority, Tampa International Airport, SkyCenter, 5411 SkyCenter Drive, Tampa, Florida 33607, Attention: Damaris Cordova, Sr. Procurement Agent. For further information email [dtorrescordova@tampaairport.com](mailto:dtorrescordova@tampaairport.com). Responses must be received by February 1, 2023 at 2:00 p.m. ET.