

Open Invitation for Expression of Interest (“EOI”)

SynCab Services Limited (“SynCab”) hereby openly invites interested parties to participate the tender for the below subject.

Issue Date	20 Dec 2024
EOI Reference	EOI/STF/DMS
Subject Supply Scope	<p>SynCab intends to appoint quality contractor(s) to supply of 500 sets of Driver Monitoring System (DMS) for SynCab’s Taxi Fleet in Hong Kong with DMS platform service for 2 years</p> <p>Project brief is attached on the last page.</p> <p>Qualification requirement: 1) Passed the Product Specification Assessment</p>
EOI Submission Deadline	30 Dec 2024, 9:00 a.m. (HKSAR time).
Prequalification Requirement	<p>Please provide the following items via email to syncab.procurement@syncab.com.hk (in PDF format) on or before the EOI Submission Deadline:</p> <ol style="list-style-type: none">1) Copy of Business Registration and Company Incorporation Certificate2) EOI Registration Form (blank form is attached), duly completed and signed with company chop.3) Product related submission for Product Specification Assessment<ol style="list-style-type: none">a. Compliance of all items in Project Briefb. Product catalogue of the proposed Driver Monitoring System with descriptions of<ol style="list-style-type: none">i. How the ADAS Sensor can correctly detect the object and the object distanceii. The calculation method of the driving safety scoreiii. The web-portal and the reports providedc. Company profile with job references for supplying Driver Monitoring System to Hong Kong Fleets and Taxi

	<p>In case a rainstorm black warning or typhoon signal No. 8 or above is valid for any duration between 9:00 a.m. (HKSAR Time) and 12:00 noon (HKSAR Time), the closing time will be extended to 12:00 noon (HKSAR Time) on the next weekday (i.e. except Saturday and Sunday) other than public holiday.</p> <p>Should you have any queries, please contact below contact person: Mr Nathan Wong (Tel. 852-3700-6592)</p>
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Important Notes

- 1) SynCab shall have the right to reject any late submission.
- 2) SynCab shall not be responsible for any cost or expense incurred by the interested parties in connection with or arising from the preparation for the submission of the EOI Registration Form and if applicable, any relevant proposal and tender subsequently offered by the interested party.
- 3) SynCab shall, at its sole discretion, without rendering any reasons to accept, extend or reject any of the said submission. SynCab also reserves the right to make any change or withdraw to proceed with the subsequent tender process for the procurement of the aforesaid subject at any time.
- 4) SynCab reserves the right to request submission of additional information from interested parties for clarification, if required.
- 5) SynCab reserves the right to verify any information provided by the interested parties. Incorrect information will lead to disqualification.
- 6) Applicants who are found to canvass, influence or attempt to influence in any manner the qualification or shortlist process, including without limitation, by offering bribes or other illegal gratification, shall be disqualified from the process at any stage.

EOI Registration Form

To: SynCab Services Limited (“SynCab”)
SynCab Reference: EOI/STF/DMS
Subject: To supply of 500 sets of Driver Monitoring System (DMS) for SynCab’s Taxi Fleet in Hong Kong with DMS platform service for 2 years

IMPORTANT:

**** This request will not be considered if the returned form is incomplete or submitted without the required document.***

We hereby submit our request for collecting the captioned Tender Document.

1. Company Name	Proprietor / Private Limited / Listed (Please cross out the inappropriate)
2. Registered Address	
3. Business Registration and Company Registration Certificate No.	* Attach a copy of valid Business Registration Certificate and Company Registration Certificate
4. Details of Contact Person	Name and Title: Direct Tel. No.: Mobile Tel. No.: E-Mail Address:

We hereby further undertake with SynCab that we shall keep confidential all information received by us and use it solely for the purpose of the above-mentioned subject.

Name and Title

Authorized Signature and Chop

* Please use supplementary sheets if required.

Job Reference

Please provide at least 2 projects, one of them must be for Taxi.

Project Year	Project Duration	Project Name	Client Name	Project Scope	Project amount in Million (HK\$)

Name and Title

Authorized Signature and Chop

* Please use supplementary sheets if required.

Project Brief

1. Supply of Driver Monitoring System (DMS) for SynCab's Taxi Fleet in Hong Kong

The project scope must include, but not limited to:

1.1 General Requirement:

- The system shall support the Taxi model below:
 - MAXUS MIFA T
 - TOYOTA COMFORT HYBRID
 - NISSAN NV200
 - NISSAN SERENA E-POWER C27
 - NISSAN SERENA E-POWER C28
- Number of devices: 500 sets of DMS with
 - An Advanced Driver Assistance System (ADAS) which
 - Has Dual Lens that can recognize different objects at a correct distance.
 - Acquire the Taxi data of,
 - Speed: from CAN-BUS, i.e. Digital
 - Brake: from CAN-BUS or Analog
 - Left/Right indicator: from CAN-BUS or Analog
 - Support auto-calibrations of the system by every 12 hours to ensure the ADAS accuracy
 - Passed the CE, EMC, JT/T 883-2014 standard
 - A Data Storage device which
 - Support dual recordings from 2TB SSD harddisk and 512 GB SD Card
 - Support recording up to 6 cameras
 - Support both GPS and Beidou
 - Support 4G
 - Support on demand automatically uploads trip data, GPS data, video data and warning video to the server
 - QR Code login system for drivers when they start to work
- Tenderer shall provide installation service for the DMS
- Tenderer shall provide DMS Platform service for 2 years
- Tenderer shall deliver 500 sets of DMS **on or before 28 Feb 2025**

1.2 Performance:

- The ADAS system shall support below warnings to driver with adjustable activation speed and using CAN-BUS, i.e. Digital speed to do all calculations:
 - Forward collision warning
 - Give sound alert to driver when there is a risk of collision to front object
 - Dynamic time to collision duration with respect to the taxi speed
 - Warning is suppressed if the driver applied brake
 - Headway monitoring warning
 - Adjustable headway Monitoring Threshold
 - Warning is suppressed if a faster vehicle cuts in front of our taxi even within threshold
 - Lane departure warning
 - Adjustable lane width
 - Warning is suppressed if driver applied the respective left/right indicator when crossing left/right lane
- The ADAS system can recognize objects within 100 meters and has accuracy of +/- 5% or +/- 1 meter whichever comes lower within 30 meters in recognizing different objects, i.e. vehicles, motor vehicles, traffic cones, cardboard
- The system should have an existing Web platform with below functions:
 - English and Traditional Chinese
 - Appeal function for driver to appeal wrong driving data
 - A driving safety score for company, vehicles and drivers with different range (Day, Week, Month, Year)
 - Live and historical location of vehicle and driver
 - Link up with Road Speed Limit Data from TD to calculate if vehicle is overspeed with adjustable duration to trigger the overspeed warning
 - Warning Heatmap
 - Geofence
 - Warning data that includes (Warning Type, Start Time, Duration, Start Speed, End Speed, Top Speed, Headway (seconds), Nearest Headway (seconds), Driver Action of braking and left/right indicator, address)
 - Each warning should have a video clip that has information overlay on the video that includes (CAN-BUS speed, turning angle, distance between taxi and front object, time to collision(s), headway(s))
- The system should have an existing App platform that includes (Dashboard, Scoreboard, Live Map, Appeal)
- The system should be capable to share and integrate any data from other fleet management systems using by SynCab through API.
- The Web and App platform shall adhere the following compliance standards:
 - ISO/IEC 27001 for information security management
 - SOC 2 Type II for service organization controls

- All data in transit and at rest must be encrypted using industry-standard protocols (e.g., TLS 1.2 or higher, AES-256)