### Open Invitation for Expression of Interest ("EOI")

The Kowloon Motor Bus Company (1933) Limited ("KMB") hereby openly invites interested parties to participate the tender for the below subject. In this Tender, KMB is also acting on behalf of its affiliate, Long Win Bus Company Limited ("LWB").

<table>
<thead>
<tr>
<th>Issue Date</th>
<th>5 Jun 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOI Reference</td>
<td>EOI/1112</td>
</tr>
</tbody>
</table>
| Subject Supply Scope | KMB intends to appoint quality contractor(s) to supply and install the below driver alert systems for franchised buses retrofit in Hong Kong:
  - Anti-Drowsiness Monitoring System
  - Advanced Driver Assist System ("ADAS") |
| Pre-Qualification Requirement | Interested party(ies) shall be able to:
  (i). Supply and install the Anti-Drowsiness Monitoring System and ADAS with interface with bus chassis and body manufacturers;
  (ii). Support a prototype test with free trial on KMB buses and successful passing assessment |
| EOI Submission Deadline | 11 Jun 2019, 5:00 p.m. (HKSAR time). |
| EOI Submission | All interested parties shall complete and return the attached “EOI Registration Form” via Email address: kmb.procurement@kmb.hk before the EOI Submission Deadline.
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.
Should you have any queries, please contact below contact person: Mr Ivan Au (Tel. 852 2786 8035) |
Important Notes

1) KMB shall have the right to reject any late submission.

2) KMB 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) KMB shall, at its sole discretion, without rendering any reasons to accept, extend or reject any of the said submission. KMB 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) KMB reserves the right to request submission of additional information from interested parties for clarification, if required.

5) KMB 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: The Kowloon Motor Bus Company (1933) Limited (“KMB”)

KMB Reference: EOI/112

Subject: To supply and install Anti-Drowsiness Monitoring System and Advanced Driver Assist System (ADAS) for franchised buses retrofit in Hong Kong

**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.

<table>
<thead>
<tr>
<th>1. Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietor / Private Limited / Listed (Please cross out the inappropriate)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Registered Address</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>* Attach a copy of valid Business Registration Certificate and Company Registration Certificate</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Details of Contact Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name and Title:</td>
</tr>
<tr>
<td>Direct Tel. No.:</td>
</tr>
<tr>
<td>Mobile Tel. No.:</td>
</tr>
<tr>
<td>E-Mail Address:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Company profile and relevant experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Please provide a copy of your company profile and submit a brief description of your relevant experience (a document of not more than 4 pages of A4 paper).</td>
</tr>
</tbody>
</table>

We hereby further undertake with KMB 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

* Please use supplementary sheets if required.

Authorized Signature and Chop
Project Brief

1. Anti-Drowsiness Monitoring System

1.1 General Requirement:
- Stand alone
- Automatic operation at the initiation of each engine ignition cycle
- System warning - optical, acoustic and haptic

1.2 Performance:
- Detect events - Closed eyes, Distraction, No driver, Yawning
- Determine the real-time bus velocity

2. Advanced Driver Assist System (ADAS)

2.1 Lane Departure Warning (LDW) System
- detect lane markings
- determine the position of bus relative to the lanes for both nearside and offside
- determine the real-time bus velocity
- optical warning shall indicate the direction of departure
- distinguish between drifting and cornering

2.2 Forward Collision Warning (FCW) System
- Detect the presence of forward vehicles, moving and stationary, including motorcycles, trucks and buses, heavy vehicles and coaches
- Determine measures for relative position and position dynamic of the detected forward vehicles with respect to the bus
- Estimate the path of the bus
- The system only provide warning, but not perform vehicle control to mitigate the crash

2.3 Headway Monitoring Warning (HMW) System
- Detect the presence of forward vehicles, moving and stationary, including motorcycles, trucks and buses, heavy vehicles and coaches
- Detect forward vehicles with maximum 20% lateral offset
- Determine instantaneous distance to the forward vehicles with respect to the bus

3. System Record
- capture evidences of the warning event duration, in the form of videos, between 5 seconds before and 10 seconds after the occurrence

4. Installation Requirements
- provide system installation and commissioning in different depots