



CLARIFICATION#1
FOR
SUPPLY AND DELIVERY OF TRAFFIC COUNTERS
Ref No: MCA-N/RMP/SH/072

Date: 18 January 2024

SN	Reference of the RFQ	Questions	Answer/Response of Millennium Challenge Account Nepal (MCA-Nepal)
1.	General	The weight requirement of the device is for the camera or the whole device?	The first requirement refers to a maximum weight of the whole device.
2.	General	It is necessary to confirm the specific requirements of vehicle classification?	The vehicle classification algorithm should abide as close as possible with the vehicle classification used by the DOR of the MOPIT (link below) and be as automated as possible. The bidders will be invited to demonstrate and explain the capabilities, reliability and limitations of the automated or semi-automated system proposed. DOR: SSRN http://ssrn.aviyaan.com/
3.	General	What does the surface distress identification (SDI) utility camera want to identify?	The SDI camera should be able to visually show surface distress on the videos such as cracking, disintegration, rutting, settlements and bleeding.
4.	General	It appears that the RFQ calls for a video counter solution. Unfortunately, we do not offer a video solution as we believe the current technology available and deliverable data is not as accurate or robust. We are a world leader in traffic data collection and analysis. Our vehicle counters and classifiers monitor road, bicycle, and pedestrian traffic in over 130 countries across the globe. Our traffic data analysis software is regarded as the most powerful on the market. The company has supplied counters under similar programs funded by NGO's, including the World Bank. The dedication to ongoing research & development, and outstanding	The vehicle counter shall meet the specification as required by the RFQ document. A submission with a variation to the scope won't be considered.

		<p>customer service are a few of the reasons why We are recognised as one of the most reliable developers of traffic monitoring solutions in the world.</p> <p>Noting the video-specific scope, we would still welcome the opportunity to provide an alternative submission to MCA-Nepal.</p> <p>Could you please advise if a submission with a variation to the scope would be considered.</p>	
5.	<p>RFQ Page – 7 Technical Specifications B. Surface Distress Identification (SDI) Utility Camera</p> <ol style="list-style-type: none"> 1. Full HD 1080p video recording capability. 2. Bluetooth & WIFI connectivity 3. Internal and SD card storage facility that is expandable up to 512 GB. 4. Rechargeable Lithium Ion batteries. 5. The camera should be car mountable with continuous video recording capability. 6. One year warranty 7. Free software updates for 10 years and the Supplier shall submit undertaking that they will provide the update for 10 years with their submission (if not submitted MCA-Nepal will request the same). 	<p>The technical specifications mentions that the Surface distress camera is required to collect video recording of distress. We would like to Propose Video Logging System because it offers the following:</p> <p>Advanced Pavement Defect Measurement:</p> <p>The Pavement Camera system, coupled with post-processing software, facilitates measurement of pavement defects such as potholes/cracks. This system enables the classification of various distress types through key coding during or after the survey, providing a comprehensive dataset that is GPS-referenced. This feature streamlines road maintenance efforts, allowing for quick and accurate defect location. This is a complete system comprising of both the hardware and software.</p> <p>Scalability for Diverse Data Needs:</p> <p>The video logging system is highly scalable, allowing for the integration of various modules to meet evolving data requirements. With the central system. The Pavement Camera, GPS, HRDMI (for chainage), Laptop and central controller can be scaled with additional modules seamlessly. This flexibility ensures adaptability to future needs, eliminating the need to invest in an entirely new system for collecting different types of data.</p> <p>Proposal Acceptance:</p>	<p>While there are numerous semi-automated and automated systems for pavement distress surveying and classification, the requirement here is for a high-resolution digital camera and associated accessories as described in the specifications.</p>

		<p>We seek confirmation on whether the proposed Pavement Camera System aligns with the project's objectives and if it would be accepted as a viable solution. We are confident that the system not only fulfills the stipulated criteria but also offers an enhanced capability to address the intricacies of pavement inspection and data collection.</p> <p>Additional Considerations:</p> <p>The system comes with a one-year warranty, ensuring reliability and performance.</p> <p>We commit to providing post processing software validity for lifetime, which eliminates the requirement of renewing software every year.</p> <p>The proposed camera offers 7 mega pixel clarity with ability to operate in moving speed of vehicle from 0-100 KM/hr. with no blurry output.</p> <p>You can also customize the saturation/exposure display settings according to lighting conditions.</p> <p>We believe that the offered Pavement Camera System is a comprehensive and future-proof solution that will significantly contribute to the success of your project providing control in your hands.</p> <p>We look forward to your favorable response and the opportunity to further discuss any queries you may have.</p>	
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