

Indian Highway Management Company Ltd.  
RFP for “Providing Services of Hybrid ETC and Toll Management Systems at Eastern  
Peripheral Expressway (EPE)”

**Pre-Bid Queries – Clarifications 1**

Sl. No	RFP Reference	Query related to Clause	Explanation of the Query	Reply
1	Article -2  Eligibility and Pre-qualification criteria	Clause 2.1  Sub Clause 2.1.3  It is mentioned that all partners of the JV / Consortium shall be entities incorporated and registered in India under the Companies Act, 2013/1956.	Vendeka Information Technologies provides System Integration and Operation and Maintenance for Electronic Toll Collection projects and have well references in Turkey, Philippines and other countries, and is represented by W.H.Brady & Company Limited in India.  Since we are in the process of forming a Joint Venture company, either we should be allowed to participate in the Tender as a Foreign Company with Indian Associates or we should be allowed to submit an undertaking in this regard and allowed to submit the bid as OEM.	As per RFP
2	Annexure –B  Technical Specification	1.1 RFID ETC Transceiver B. Specification	Regarding RFID ETC Transceiver, circularly polarized antennas are indicated. We can use both circular and linear polarized antennas. We suggest/recommend linear polarized ones due to beam width.	As per RFP
3.	Annexure –B  Technical Specification	1.2 Lane Controller xi. Display HDMI / DVI	Regarding Lane controller, HDMI / DVI interface display is mentioned. Is VGA also acceptable?	Interface display through VGA is also acceptable
4	Annexure –B  Technical Specification	1.3 Automatic Vehicle Classification	Regarding AVC system, we would like to know the following  1. How vehicle classification works currently? 2. What are the criteria for vehicle classification within this project?	As per RFP

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			<p>3. Are laser scanners requested?</p> <p>4. Are height scanners requested?</p>	
5	Annexure –B Technical Specification	1.8 Incident Capture Camera  Power supply	Power input is indicated as 12 V in the specification, whereas industrial voltage level is 24 V. Would you provide the part number for this device?	As per RFP
6	Annexure –B Technical Specification	1.14 UPS for Toll Land Equipment	The requirement is not clear. 1 KVA for 2-hour backup time means the total power rating for all toll lane equipment is expected to be less than 50W. This is not applicable. So what is the expected backup time? Based on this, we can identify what kind of UPS is needed	As per RFP
7	Annexure –B Technical Specification	1.22 Broadband Connection with 2 Mbps link facility	<p>Please specify the following</p> <p>Is it requested to connect plazas? Or is it for connecting to external networks?</p> <p>For internal network between plazas, fibre connection is recommended to maintain ring topology</p>	As per RFP
8	Annexure –B Technical Specification	1.23 UPS for Plaza System	What is the expected backup time?	As per RFP
<b>General Queries</b>				
9		ETC Account Provider (Tag Seller)	<p>We would like to know the following</p> <ol style="list-style-type: none"> <li>1. Who is the ETC Account Provider (Tag Seller ) in India</li> <li>2. Are there are many of them or only single entity sells the tags and managers ETC account</li> <li>3. We understand that our ETC systems to be integrated with the system of the ETC Tag Seller and we expect that there’s</li> </ol>	ETC system will be integrated with acquiring bank allocated for the plaza and details will be provided to the successful bidder.

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			already some sort of API for such integration.	
10		Toll Agency Back office system	We need to understand whether this is alone in the scope of work or will the toll agency used the own back office system and our lane software needs to be integrate with it?	As per RFP
11		Time Period	<p>What tasks should be completed within Phase 1? Complete work of setting up ETC system (hw + sw) in all plazas and lanes? Or in how many plazas and lanes? Or is it for a single specified plaza and its lanes? It is our concern that such work is expected to be completed within such a short period if they expect it to be completed for all or many of the plazas.</p> <p>- What tasks should be completed within Phase 2? It mentions about only Hybrid ETC System, which is also mentioned for Phase 1. So, what is the difference in the scope of work for Phase 1 and Phase 2?</p>	Kindly refer Annexure-A in the RFP