Tender for Supply, Installation/ Commissioning and operation of ETC Systems at Toll Plazas

Clarifications to Bidders' queries

S.No.	Reference	Queries	Clarification
1	Clause 5.1.c	Whether the Location for DG and UPS will be provided by IHMCL/ Toll Plaza.For O/M for five years Diesel is whose scope	Yes, space for DG and UPS will be provided. However, security & upkeepment will be the responsibilty of the bidder.
2	Clause 5.1.i	Will NHAI provide the Interface detail for Integrating with Weight -in Motion	NHAI will arrange to provide necessary technical support from the WIM system integrators.
3	Clause 5.1.J	Regarding safety untoward incidents to be intimated to IHMCL or to the Toll Plaza safety team	Will be intimated at the time of signing contract.
4	Clause 5.6	Whether any data format will be provided for interfacing with CCH. Any SRS for CCH Interface.	As per RFP
5		Will all lane closing and traffic diversion of Installation will be taken care by Toll Plaza	As per RFP
6	Clause 7.1.21(1)	As you know for loop we need cut the road surface for that work we have to close the lane so can you help us on this ?	Yes
7	Clause 5.1 c	We have to give the DG set and Ups for five year period or only till installation period?	For five years
9	Clause 6.4.3.3	As mentioned under the clause 6.4.3.3 bidder system should be capable of classifying 2 wheelers and Tractors. On these vehicles the Tag installation would be a challenge. Please clarify whether these vehicles can access the RFID Lanes? If Yes then how the Tag Installation would be done on these vehicles.	Two wheelers and Tractors are non-tollable vehicles. However, AVCC systems shall be capable of classifying vehicles as per list given
10	Clause 6.4.3.3	In clause 6.4.3.3 there are some additional classes that has been introduced in this tender. Presently on all the NHAI BOT projects we have 5 Classes where the classification is done on the bases of certain parameters. Requesting you to please clarify on what parameters these additional classes would be classified?	As per RFP
11	(Page no - 19) 4.11.1	Deadline for completion D+120 days, We believe that this timeline is very tight, given the scope and scale of the project.Kindly change to D+180 days.	Please refer sl. no. 13 of corrigendum-1.
12	(Page no -23) 5.2	Tag Authentication At runtime, which one gets the prefereence in system - AVC written in EPC memory of Tag or the AVC determined by AVC system in ETC lane? A suggested approach isto take the higher value & then do the rectification during the audit process and credit the difference to vehicle user, in case higher value is charged.	As per RFP
13	(Page no - 34) 5.4.1	Tag Authentication, Kindly provide more information on the Tag-reader challenge response system.	Tag Authentication pertaining to the IHMCL nation-wide ETC program will be provided to the bidders during project execution/operation stages.
14	(Page no - 34) 5.4.2	Checking for blacklisted tag, What isthe exact logic for authentication of whitelist and blacklist tags? Kindly provide more detailed flow diagram on whitelist & blacklistchecking.	Details will be provided to the bidders during project execution/operation stages.
15	(Page no- 37) 5.7.2	Transaction Data Format, Isthe AVC class of the vehicle written in the EPC MEMORY or the USER MEMORY? We recommend best practice of writing it within the EPC MEMORY.	As per RFP
16	(Page no - 46) 6.4.3.3	AVC should be able to distinguish betweenClass 1 to Class 11, Kindly specify the exact criteria and standards for the vehicle classification of the different Classes from 1 to 11.	As per RFP
17	(Page no - 47) 6.27.2.8	Capture of ICS and LPIC image? What isthe quality of the picture captured in the snapshot. Isthere are quirement to capture the license plate of vehicle in the snapshot picture? We request you to add the criteria in the snapshot image - to be able to capture the clearly recognizable license plate of the vehicle for the audit process. We recommend a video snapshot wherein we can get 10 frames of pictures to choose from during the audit, for an accurate auditpreventing revenue loss.	As per RFP
18	(page no - 89) 7.1.19	Bidder shall prove that he is ISO 9001 certified, There is no requirement of ISO 9000 in Bid Eligibility ? Isthat the correct statement.	Please refer sl. no. 16 & 17 of corrigendum-1
19	(Page no - 111) 7.3.2	Civil works readiness,We would request IHMCL to clarify the stand on what would happen if the civil works in the plaza are not ready, when work begins on the installation. Will there be extensions provided for this?Also more importantly, what will be the commercial implications of such delays. Kindly elaborate on this aspect.	As per RFP

20	(Page no- 3)	Bid Submission Date of June 30, 2014, Can we get an extension of 4 weeks for the bid submission date since there is very short time remaining to organize all documents fromabroad?	As per RFP
21	(Page no -19) 4.12	The total contract period will be for Five Years renewable on yearly basis.Is there any specifictions for contract renewal?	Please refer sl. no. 14 of corrigendum-1
22	(Page no- 23) 5.2	Further, by verification with its current blacklist (periodically downloaded from the CCH which maintains an updated list), it checks whether the tag is blacklisted, Could you please specify if blacklists are going to be automatically downloaded or the systems needs to go looking fo them?	As per RFP
23	(Page no- 23) 5.2	Further, by verification with its current blacklist (periodically downloaded from the CCH which maintains an updated list), it checks whether the tag is blacklisted, Do Blacklists need to be at lane controller level?	As per RFP
24	(Page no- 23) 5.2	Every toll plaza supporting the ETC program will have dedicated lanes (at least one in either direction) for ETC. Does this mean that every plaza will have at least two ETC lanes?	Yes
25	(Page no- 23)	The system should be able to interface with Weigh-in Motion Systems (being planned through separate tenders from NHAI) for deduction of penalty (for overloading) electronically. Is there an specific vendor/brand of WIM System or the system should be prepared to interface with different brands	Please refer sl. 2 above
26	(Page no - 40)	The Transceiver shall have LED indicators for sense, transmit Fault and Power which shall be visible clearly to the operator on ground while the system is operational. It is written that transceiver will be at 6m above, isit a requierement for the leds to be seen at this hight?	As per RFP
27	(Page no - 45) 6.4.1	The AVC system shall be 100% auditable and accuracy of vehicle counting should be 99.5% and classification accuracy shall not be less than 98%. Could you please confirm how are percentages be confirmed?	Accuracy of the AVCC system will be assesed after passing 1000 vehicles.
28	(Page no - 47) 6.4.3.4	the license plate image (captured when the vehicle passed through the ETC exit) and the ICS camera image shall be saved and stored with all transaction and incident information watermarked on them, are you refering to an ALPR System with OCR recognition when you are talking about the License Plate Image Capture?	As per RFP
29	(Page no - 57) 6.15	Hand-held RFID Reader Isthere any specific OS required?	Hand-held Reader should be compatible with the system for transfering ETC transaction data.
30	(Page no - 71) e)	Processor : latest Intel Processore) Processor speed : latest available in the market at the time of delivery, Here it is mentioned that latest processor, speed, etc should be provided at the time of delivery, but what if it is different from theone that wasincluded into the proposal?	As per RFP