

# Tender for traffic survey on National Highways using portable ATCC system

## Clarifications to Bidders' queries

S.No	Reference (Clause)	Details (Queries)	Response	
1	3.2	Eligibility Criteria	We would like to request that the companies already working on the IHMCL 1 <sup>st</sup> ATCC Tender may be exempt and all existing Firms/ Consortium & consortium Members be considered as pre-qualified as they have been working on the 1 <sup>st</sup> IHMCL ATCC project for almost 3 years now and have sufficient capabilities and capacity.	As Per RFP
2	3.2.2	The average annual turnover should be more than Rs. 8 cr. (Rupees Eight Crore only) in the last consecutive three financial years.	We would like to request that the companies already working on the IHMCL 1 <sup>st</sup> round ATCC Tender exempt and all existing Firms/ Consortiums & Consortium Members be considered as pre-qualified as they have been working on the 1 <sup>st</sup> IHMCL ATCC project for almost 3 years now and have sufficient capabilities and capacity.	As Per RFP
			Alternatively.	
3	3.2.3	The Bidder should have experience of undertaking minimum 400 nos. of 7 days traffic surveys on Highways using ATCC systems or setup ATCC systems in 3 different highway projects during the last five years ending March 2016.	We would like to request this to be reduced to Rs. 4.5 Cr. to accommodate the eligibility of existing members who are already working on the IHMCL 1 <sup>st</sup> ATCC Tender	As Per RFP
			Alternatively.	
4	3.3. (i)	maximum number of partners in the JV or Consortium shall be <b>two</b> ;	We would like to request that the existing companies may be exempt and all existing Firms/ Consortiums & Consortium Members be considered as pre-qualified as they have been working on the 1 <sup>st</sup> IHMCL ATCC project for almost 3 years now and have sufficient capabilities and capacity.	As Per RFP
			Alternatively.	
5	3.3. (iii)	the Lead Partner, shall be the most experienced firm amongst the parties in JV;	We would like to request this to be reduced to 300 No.s to accommodate the eligibility of existing members who are already working on the IHMCL 1 <sup>st</sup> ATCC Tender	As Per RFP
			Alternatively.	
6	5.4.1 & 5.4.2(vi)	In 5.4.1, it is mentioned that ATCC can be based on any Sensor Technology, but in 5.4.2 (vi) it has a mention combination of piezo-electric sensors and inductive loops. If this has to be installed on the existing road will there be a road cutting permission and Road Close permission, please clarify. Secondly this type of sensors can hardly be used for Portable ATCC	We would like to request you to kindly accommodate 3 members in the Consortium.	As Per RFP
			Alternatively.	
7	5.4.2 (i) & (ii)	There is no accuracy levels defined for Raw data. It is possible to have less accuracy level for Classification in Raw data and Final data, but the Counting accuracy for Raw and Final data should not have too variations. Please clarify.	Is this in relation to Clause 3.2.3 "The bidder should have experience of undertaking minimum 400 nos. of 7 days traffic surveys on Highways using ATCC systems"	As Per RFP
			Or Clause 3.2.2 "The average annual turnover should be more than Rs. 8 cr. (Rupees Eight Crore only) in the last consecutive three financial years"	
8	5.4.2.x & xi, 5.6	Please clarify the exact Classification required for each type of Vehicle		Refer Corrigendum 2
9	5.5.2	Raw data can be submitted very next day of Traffic Survey, 4 days time for submission is too much.		As Per RFP
10	5.6 – items 5,6,7,20,21	The mentioned vehicle category can not be identified automatically, in some cases it is just a color of vehicle which defines the category not the axle length.		As Per RFP
11	5.4.2 9 .ix	ATCC system also generates important traffic engineering parameters such as gap, headway, occupancy etc. Why these parameters are not included in the requirements. Please clarify?		As Per RFP

12	5.4.2 xi item 10	Heavy machinery and Earth moving equipment is mentioned as a class. A class of vehicle is with unique features which is not the case for the type of vehicles mentioned which is actually a group of vehicles. Please confirm that this is required only in the refined data submission as this is not possible automatically. Please clarify if otherwise?		As Per RFP
13	5.4.2 xi	Audit on sampling basis. Please clarify the sampling used. E.g., if a 15 minutes interval sample out of 1425 per day or 9975 per week is used with what level of degree of confidence.		As Per RFP
14	Chapter 3 clause no. 3.3 Point (v)	The Eligibility / experience of each partner of JV or Consortium shall be considered in proportion to their stake in JV / Consortium	It is requested to consider joint experience of JV partners and not as per stake in JV	Refer Corrigendum 2
15	Chapter 3, clause 3.13.2	Tender Fee	For each zone Tender fee will be separate or single?	As Per RFP
16	Tender Fee & Earnest Money Deposit	Tender fee of 5,000/- EMD of 10,00,000/-	The Firms registered with MSME shall be exempted from the payment of the Tender fee and EMD as per the guidelines of The National Small Industries Corporation. Circular is attached for reference	As Per RFP
17	Clause 3.2.2	The average annual turnover should be more than Rs. 8 Cr in the last consecutive three financial years	FY 2016-17 already completed but audit is not yet done. However, turnover certificate for FY 2016-17 (unaudited) can be submitted. It will be considered? Please clarify.	Refer Corrigendum 2
18	Clause 3.13.2	Document Fee	Single document fee of 5,000/- is to be paid for entire bid or separate document fee for each zone? Pls clarify	Single Payment for all zone
19		EMD	EMD of Rs. 10,00,000/- is to be paid for entire bid or separate EMD for each zone? Pls clarify	EMD of Rs. 10,00,000/- is to be paid for entire bid
20	Annexure-1	Zone wise total count stations	Kindly provide the bifurcation with respect to 2 / 4/ 6/ 8 Lanes	Data on lanes not available currently
21	Clause 5.4.2 Point (ii)	The System shall be capable of classifying any other vehicle category as per user needs	ATCC machine needs to be configured as per requirement of vehicle categories. Kindly provide any other vehicle category other than Clause 5.4.2 Point no. (x) & point no. (xi) before start of the Survey	As Per RFP
22	Clause 5.4.2 Point (ix)	The system shall be capable of recording for later analysis on an individual vehicle basis, time/date, speed, direction, number of axles, axle spacing and site identification	It is stated in clause 5.4.1 that bidder can use any sensor technology. If ATCC technology is capable of count and classify vehicles as per requirement but not able to give speed, axle spacing and site identification etc. will it be accepted or not? Please clarify	Not accepted. Any ATCC technology can be used but require speed data and other requirements as per RFP
23	6.2	Bill of quantity	No separation of 2/4/6 lanes projects for estimation	Refer Corrigendum 2
24	3.21.5	The financial proposals of only the bidders who are shortlisted in the technical evaluation will be evaluated. The financial proposal evaluation will be based on the "total cost", which would be the total payouts, but will exclude the applicable taxes such as value added tax, service tax, sales tax etc.	As per form 6.1 Financial proposal Submission form the amount is inclusive of all taxes. Needs clarification	Refer Corrigendum 2.
25	3.22.	Imbalance Bid if the bid of the successful bidder is seriously imbalanced in relation to the employer's estimate of the cost of work to be performed under the contract, the employer may require the bidder to produce detailed price analysis for any or all items of the bill of quantities.	would it be possible for the contractors to ascertain the IHMCL authorities.	As Per RFP
26	4.15.4	Notwithstanding the above, the employer may terminate the contract for convenience by giving 30 days prior notice without assigning any reason.	The investments are huge & therefore this points needs to be taken out of the contract.	As Per RFP
27	4.1.6.4	Arbitration Clause as understood, SAROD is exclusively concerning NHAI/IHMCL.	We would like to request for more detailed information on SAROD.	Refer Sarods.org
28	4.7.2(a) & 4.8	100% payment normally within 60 days of submission of undisputed invoice etc and applicable tax will be reimbursed on actual basis.	GST/ST should be paid on submission of invoice and proof of payment, if desired submitted with next invoice; else 18% funds will be held up & we shall suffer 36% hit initially.	Refer Corrigendum 2
29	5.1	Morth assigned IHMCL for conducting traffic survey at around 2300 locations on national highways in india. In that direction, IHMCL invites bids for eligible agencies to conduct traffic survey using portable automatic traffic counter - cum - classifiers (ATCC) on sections of single/intermediate 2/4/6 lane national highways at identified locations on national highways in india as given in annexure - 3	Refers to annexure 3 that was not found with the RFP document. May please be provided.	Refer Corrigendum 2

30	5.3.1	Key persons: Traffic expert & Team leader . The agency shall deploy one traffic experts for each assignment and one team leader for the purpose of establishing coordination with IHMCL, who should be employed with the agency / firm whose CV shall be approved by IHMCL. The team leader shall be overall in charge of traffic surveys and shall interact with IHMCL with reference to each assignment and shall also be responsible for certification of report of each assignment. he should be graduate in engineering with minimum three years of specific experience in undertaking and analysis of traffic surveys on highways.	The definition of traffic expert needs to be spelt out. Do we need to submit the CVs of TL and TE along with the Bid or later? What manner of proof shall be desirable By IHMCL for the presence of TE with Each assignment? What does assignment here refers to - One survey site or one zone.	1 Traffic leader per zone and 3 traffic experts per zone & each assignment refers to each traffic survey location
31	5.4.2.(xi) & Clause 5.6	if the classification and counting accuracies are found below 90 and 95 % respectively:- ATCC equipments is not capable of differentiating the following 1 Bus & truck of the same size 2 Between various types of Buses viz. school buses, govt Bus, Private bus 3 Animal cart or Moving vehicles at very slow speed.	The differentiation can only be incorporated from the vehicles from the videos. It is, therefore suggested that clubbing be done for the purpose of submitting RAW DATA	As Per RFP
32	5.4.3. (ii).	Separate cameras to capture upstream & downstream traffic shall be used. There will be total four cameras (two in each direction of traffic, one on the median and another towards edge of road) alongwith one PTZ camera in the median to capture incidents during traffic survey	Positioning off the PTZ camera needs need clarification in case of two lane road, very narrow medians , and where Carriageway are at different elevations.	Refer Corrigendum 2
33	5.5.2	Submission of raw data within 4 days after completion of survey and corrected data within 15 days	Corrected data should be allowed to be submitted within 20-25 days for all locations/zones as reliable courier services are available in larger towns and cities. For NE i.e. Zone 6 it should be 35 working days as a number of locations are remote and getting the video HDD would take upto 14 days itself. Most areas farther east suffer frequent curfews.	As Per RFP
34	5.5.2		Since validation takes long more than 2 to 3 months sometimes, certificate/ receipt of submission of data should be adequate for invoice and payments. Alternatively, IHMCL should lay down a cap for validation and certification to facilitate the payment to the contractor.	As Per RFP
35	5.5.3	Delivery of Video Files : In addition, traffic survey data and video with analysis shall also be submitted to IHMCL in electronic storage media viz. Portable HDD/DVD media for each assignment.	At present we copy the data on HDD received from survey sites on the IHMCL server after validation. The HDD is then recycled for other surveys. Do we need to deposit a separate hard disk after each survey? This would entail an additional cost. A single DVD is not larger enough to hold complete 7 days survey data. Will the contractors be permitted to split data multiple DVD.	Refer Corrigendum 2
36	5.5.4		Do we have to create additional storage server at IHMCL for the purpose of storage of the survey videos. This would entail an additional cost.	Yes, As per RFP
37	5.8.1	This clause mentions 7 zones , as against 8 Zones mentioned in annexure -1. clause 3.10 also refers.	Is there another method by which the traffic surveys grouped in 7 packages?	Refer Corrigendum 2
38		Annexure -1	A large number of locations in Maharashtra East, Jharkhand, Telangana, AP, and NE Like Mizoram, Manipur, Nagaland and Arunachal Pradesh, are in the disturbed Maoist/naxal/terrorist areas subject to frequent curfews and at times arson also. Official provision needs to be made for adequate police protection in severely affected areas.	As Per RFP
39			It is not clear from the RFP whether the feed required from cameras is live or not. In case live feed is required, it is assumed that bandwidth for feed transmission and the recurring charges would fall in IHMCL's scope. Pls clarify if our understanding is correct.	Live camera feed is not required; Please continue as per RFP
40	5.4.2(Xi)	The ATCC, however, shall have the capabilities to count and classify vehicles as per the following minimum classifications:	For class 10 (LGV-6 wheelers), it is understood that such vehicles will have 2 tyres in the front axle and 4 in the rear axle. Please confirm if our understanding is correct. Further, it is possible only manually to identify 4 tyres in the rear axle. Please confirm if it is allowed to identify the said class visually only.	As Per RFP