



Expression of Interest (EOI) for Engagement of Consulting Firm for Traffic Data Analytics



EOI Notification No.: IHMCL/Traffic Survey/Data Analytics/2018-01

Indian Highways Management Company Limited (IHMCL)

Sector-19, Dwarka, New Delhi-110075

18-Jan-18

Indian Highways Management Company Ltd. (IHMCL)

Invites Expressions of Interest (EOI) from eligible firms for “**Traffic Data Analytics**”

NHAI mandated IHMCL to conduct Traffic Survey using Portable ATCC (Automatic Traffic Counter & Classifier System) on National Highways across India. Over 4700 locations were identified for conducting traffic surveys using portable ATCC systems. As a part of scope of work, survey agencies conduct traffic survey for a continuous period of 07 days and capture count in 14 classes of vehicle and videography for the mentioned period. After completion of each survey, agencies need to submit the traffic survey data on web-server and video(s) at designated Control Centre within IHMCL's premises in Delhi. These videos are used for verification of the ATCC data received from the survey agencies. Till date class-wise (14 classes) data related with Average Daily Traffic (ADT), Passenger Car Unit (PCU) of each location alongwith GPS coordinates of around 7,500 locations across all over India is available at web-server.

The data generated by surveys and the reports prepared by IHMCL on the basis of the data, is a repository of valuable and authentic information for various agencies running or planning various kinds of facilities along the National Highways such as fuel stations, vehicle service centers, hotels, malls, manufacturing hubs etc. The data will also be useful for various Government agencies and regulatory bodies for planning various facilities (truck terminals, bus stations, hotels/motels, petrol pumps) for which traffic data is a key input and for validating various kind of data e.g. toll revenues from State Highways, Trauma care centers, highway patrolling etc. The data may also be useful for various research purposes viz. effect of increasing traffic on environment, carbon emission studies, plan for decongesting traffic etc.

With the intent to derive business value/monetize the traffic survey data, IHMCL intends to engage agencies for providing ideas/solutions for deriving value of traffic survey data.

Expressions of Interest (EOI) are invited from all agencies with experience in data mining and business solutions experts.

Scope of Service

The scope of service provider includes to provide ideas/analytics to derive business proposal for IHMCL based on the current traffic survey data as available with IHMCL (sample format attached at Annex-I).

Address for communication and EOI submission:

Sr. No.	Information	Details
1	Project Name	Engagement of Consulting Firm for providing Analytics Solution on Traffic Survey Data
2	EOI Notification No.	IHMCL/Traffic Survey/Data Analysis/2018-01
3	EOI Publishing Date	18/01/2018
4	Website to Download EOI	https://www.ihmcl.com/tenders
5	EOI Fee	NIL
6	Last Date for Submission of EOI Application	02/02/2018 till (15:00 Hrs)
7	Place of Submission of EOI Application	Manager – Projects, Indian Highways Management Co. Ltd. 2nd Floor, MTNL Building, Sector-19, Dwarka, New Delhi -110 075
8	Email-ID for Submission of Soft Copy EOI Application	info@ihmcl.com

The agencies are requested to make a presentation incorporating business proposal before last date of submission of EOI, demonstrating their capabilities.

Presentation should include following parameters: -

1. Firm overview.
2. Experience of the firm in handling big data analytics, business solution architecture.
3. Proposed analysis and business proposal for the Traffic survey data.
4. Key requirement for the proposed approach.

In addition, the firms also need to submit hardcopies of filled-in Form-A & Form-B as enclosed with the EOI.

Annex - I

Location ID	1017
Location Name	Purulia
Survey Round	4
State	West Bengal
NH	NH-12
Start Date	22-Nov-16
End Date	28-Nov-16
Bicycle	497
2Wheeler	848
3Wheeler	73
Tractor	11
Tractor with Trailer	25
2 Axle SCV	175
LMV 2 Axle LMV	336
LCV 2 Axle	267
2 Axle Truck or Bus	340
3 Axle Truck or Bus	361
Multi Axle Vehicles MAV	123
Oversized Vehicle OSV	0
Cycle Rickshaw	5
Earth Moving Equipment EME	6
ADT (Average Daily Traffic)	3067
PCU (Passenger Car Unit)	4482
Latitude	22.720757
Longitude	87.338906

* IHMCL has similar data of over 7,500 traffic survey points across 5 rounds of survey.

Form-A

Sr. No.	Description	Details (to be filled by the EOI applicant)
1	Name of the Organization	
2	Details of Company's Registration (Partnership / Private Limited / Public Limited)	
3	Company Registration Number	
4	Official Address	
5	Phone no.	
6	Website Address	
7	PAN Number	
8	GST Registration Number	

Form - B

Name of project	Type of Project (Data Handling/Business Proposal Architect)	Location	Mention whether Govt. /Govt. Undertaking/private sector	Value of Work	Role of Consulting Firm