

**Centre for Development of Advanced Computing  
Thiruvananthapuram**

**Terms of Reference (ToR) for Engagement of Consultants**

**2. Senior Consultant (Part Time) – For Delhi Intelligent Traffic Management System (ITMS) Project.**

(i) Precise statement of Objectives for engagement of Consultant:

*(Discipline or the domains where engagement of consultants is required shall be indicated)*

Extend support and advice to CDAC to review the activities carried out by the external experts engaged by CDAC for the site survey, Technology Scan, Transportation and Enforcement related activities for submission of Detailed Project Report (DPR) for the turnkey implementation of ITMS project of Delhi Police for approval by the Competent Authority. Advise in improvement in CDAC CoSiCoSt algorithm for predictive signalling in mixed traffic conditions.

(ii) Outline of the tasks to be carried out:

*(Details of work required to be carried out/ specific tasks/ activities to be assigned to Consultants shall be indicated)*

- Committee member to finalise the RFP scope and TOR to engage experts
- Support CDAC in the techno commercial evaluation of bid to engage experts
- Coordinate Technology presentations and demonstrations by vendors for ITMS project
- Coordinate the survey and field data collection activities
- Coordinate Proof of Concept activities
- Guidance in pitching CDAC products for deploying in Delhi ITMS project.
- Review and approval of documents and draft DPR shared by experts

(iii) Output expected:

*(The output / deliverables expected from the Consultant shall be clearly defined)*

- Approval of RFP document for release of tender to engage experts
- Recommendation of techno commercial evaluation for engagement of experts
- Technology validation for ITMS project

- Review and validate the survey details and field data provided by experts
- Review and validate the outcome of demonstration of various technologies implemented as Proof of Concept
- Recommendations for enhancing CDAC ATMS components suitable for Delhi ITMS
- Review and validation of draft DPR .

(iv) Schedule for completion of Tasks:

*(This should be framed in such a manner that the time frame for the jobs with respect to the outputs / deliverables are clearly identified and are amenable to periodic monitoring over the duration of the assignment)*

<b>Expected output</b>	<b>Time lines (in months)</b>
Review of technical bid evaluation for engaging experts	2
Review of Technology scan, survey data and finalisation of solution components for Delhi ITMS	4
Review of documents submitted by the experts related to various activities in DPR preparation	5
Support for technology up gradation of the CDAC developed products	6