



GOVERNMENT OF TAMIL NADU
CHENNAI SMART CITY LIMITED (CSCL)
INTERNATIONAL COMPETITIVE BIDDING
INVITATION FOR TENDER

Intelligent Transport Systems funded by Japan International Cooperation Agency (JICA)

Date : 10th November 2021

IFB No : C.S.C.L.C.No. 145/2017-18

Employer: Chennai Smart City Limited (CSCL)

Country : India

JICA Loan No :ID-P270

Project Name : Project for Installation of Chennai Metropolitan Area Intelligent Transport Systems

Contract Name: Procurement of Design, Supply, Installation, Commissioning, Operations and Maintenance of Intelligent Transportation Systems in Chennai Metropolitan Area

1. The Government of India (GOI) has received a loan from Japan International Cooperation Agency (JICA) towards the cost of **“Project for Installation of Chennai Metropolitan Area Intelligent Transport Systems”** (herein referred to as “the Project”). It is intended that part of the proceeds of this loan will be applied to eligible payments under the **Contract Design, Supply, Installation, Commissioning, Operations and Maintenance of Intelligent Transport System in Chennai Metropolitan Area**.
2. Bidding will be conducted through procedures in accordance with the applicable Guidelines for Procurement under Japanese ODA Loans, and is open to all Bidders from eligible source countries, as defined in the Loan Agreement.
3. The Chennai Smart City Limited (*the Executing Agency called Employer on behalf of GOI*) now invites sealed Bids from eligible Bidders for the Design, Supply, Installation, Commissioning, Operations and Maintenance of Intelligent Transport System in Chennai Metropolitan Area (“the Works”). International Competitive Bidding will be conducted in accordance with JICA’s **“Single-Stage Two-Envelope”** Bidding Procedure.(As per standard bidding document into Japanese ODA loan (Design build) July 2015 by JICA)
4. Interested eligible Bidders may obtain further information from and inspect the Bidding Documents at the office of:

Managing Director

O/o Chennai Smart City Limited (CSCL), 5th Floor – D wing, Amma Maaligai,

Ripon Buildings, Chennai - 600003, Tamil Nadu

Telephone: +91-044-25303824/707

Email: tenders@cscl.co.in

5. Bidding document will be available at the above said office from 16th November to 16th December 2021
6. Pre-bid Meeting is scheduled on 8th December 2021 at 3.00 PM
7. A complete set of the Bidding Documents may be purchased and collected by interested Bidders on the submission of a written application to the address above and upon payment of a non-refundable fee of INR 75,000 /- or \$ 1000 USD (Including GST). The method of payment will be Account Payee Demand Draft/Banker Cheque in favour of Chennai Smart City Limited (CSCL), Payable at Chennai or through the online or offline through NEFT/RTGS to the Account of Chennai ITS Project, Account No.50100333041254, IFSC Code: HDFC0001216, Bank Name: HDFC Bank, Bank Address: No.30, Cenatoph road, Teynampet, Chennai - 600018. The document will be sent by Courier/Post or can be collected by the Authorized Representative of the Applicant.
8. Bids must be delivered to the address above on or before 18th January 2022; 3.00 PM.
9. Bids will be opened in the presence of Bidders’ representatives who choose to attend at 3.30 PM on 18th January 2022 at the office of:

Managing Director

O/o Chennai Smart City Limited (CSCL), 5th Floor – D wing, Amma Maaligai,

Ripon Buildings, Chennai - 600003, Tamil Nadu

Telephone: +91-044-25303824/707, Email: tenders@cscl.co.in

Managing Director
Chennai Smart City Limited (CSCL)

CHENNAI SMART CITY LIMITED (CSCL)

Design, Supply, Installation, Commissioning, Operations and Maintenance of Intelligent Transport System in Chennai Metropolitan Area

Project Brief:

“The Chennai Metropolitan Area Intelligent Transport Systems Installation project” is meant to construct efficient traffic system to meet increasing traffic demands in Chennai Metropolitan Area. The Government of India (GOI) has received a loan from Japan International Cooperation Agency (JICA) towards the cost of “Project for Installation of Chennai Metropolitan Area Intelligent Transport Systems”. The purpose of the International Competitive Bid (ICB) is to enter into a contract with a qualified bidder for the Design, Supply, Installation, Integration, Commissioning, Operations and Maintenance of integrated solutions to support the Chennai Intelligent Transport Systems (CITS) project on Full Turnkey basis. The Estimated value of the project is approximately Rs.645.59 Cr.

Project Scope:

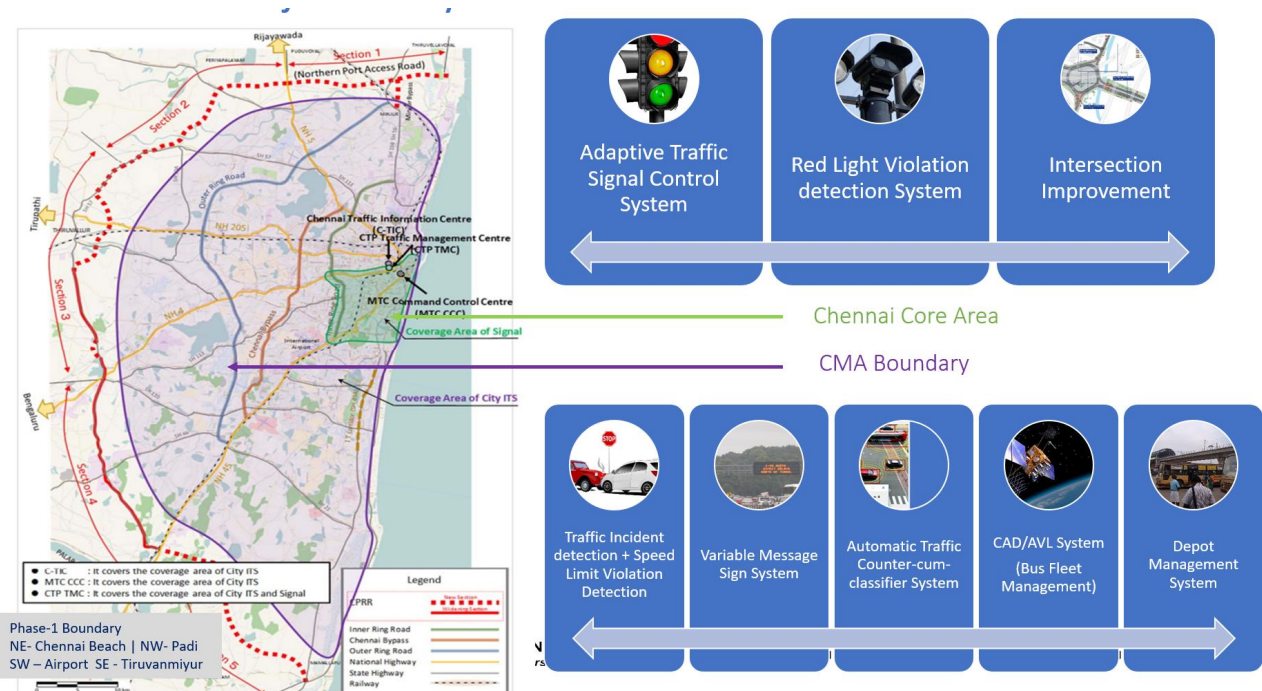
The major components proposed in this CITS project are 1) Traffic Information & Management system (TIMS) and 2) City Bus system (CBS) along with two (2) Command Control Centre (CCC) for the operation of TIMS and CBS. The TIMS Command & Control Centre (TIMS-CCC) will be established with Chennai Traffic Police. & CBS Command Control Centre (CBS-CCC) will be established with the Metropolitan Transport Corporation. The tentative Components and Subcomponents proposed in the project is given below.

No.	Type	Name	Quantity
1.	Component	Traffic Information & Management System (TIMS)	
1-1.	Subsystem	Adaptive Traffic Signal Control System (ATCS)	165 Junctions
1-2.	Subsystem	Traffic Incident Detection System (TIDS)	58 Junctions
1-3.	Subsystem	Variable Message Sign System (VMS)	17 Locations
1-4.	Subsystem	Speed Limit Violation System (SLVD)	10 Locations
1-5.	Subsystem	Red Light Violation Detection System (RLVD)	50 Locations
1-6.	Subsystem	Automatic Traffic Counter and Classifier (ATCC)	230 Units
1-7.	Subsystem	Integrated Traffic Management System (ITMS) with probe system Platform and with required integrations	1 Location

2.	Component	City Bus System (CBS)	
2-1.	Subsystem	Bus Monitoring System (BMS) including Computer Aided Dispatch / Automatic Vehicle Location (CAD/AVL) system	2940 Buses
2-2.	Subsystem	Passenger Information System (PIS)	71 Terminals and 532 Bus shelters
2-3.	Subsystem	Depot Management System (DMS)	31 Depots

Coverage Area:

The broad coverage area of the systems proposed is shown below.



Implementation and O&M Schedule:

The project schedule is shown in the table below

Section No.	Content	Duration
Section 1	Implementation of ATCS	31 months (940 days)
Section 2	Implementation of TIMS (excluding ATCS)	31 months (940 days)
Section 3	Implementation of CBS	25 months (760 days)
Section 4	Comprehensive O&M of TIMS including ATCS	60 months (1,825 days) after Section 1 and Section 2
Section 5	Comprehensive O&M of CBS	60 months (1,825 days) after Section 3