No.: UMC/IT/391/2023   Date: 07/08/2023

Expression of Interest(EOI) - Notice

Commissioner, Ulhasnagar Municipal Corporation, Ulhasnagar invites Expression of Interest(EOI) through experienced and competent vendors for Empanelment of Vendors of Integrated Transport Management System (ITMS) for Municipal City Bus Service of Ulhasnagar as per following requirements.

Scope of Work for Intelligent Transport Management System at Ulhasnagar Municipal Corporation

Sr.	ITMS Component	Functional Details
1	Automatic Vehicle Location system	1. Real-time location of all vehicle or any particular vehicle, route play-back mode, analytics of bus running behavior, statistical reports, etc. 2. Information of any events with particular to the operation of transport 3. Real-time information on utilization of fleets with details. 4. Generation of Daily Operation Reports and Violation reports
2	E-Ticketing	1. Track the financial performance and take adequate steps for better management of routes, counseling of crew etc. for better revenue generation. 2. Real time Financial and Revenue collection statistics, Bus wise, Trip wise fare information, data for analysis of income-cost comparison for bus operations. 3. Real time data of Revenues 4. Rout wise. Bus stop wise and Hour wise revenue collection reports. 5. Capturing the data of revenues form concessional passes, students passes
3	Bus Scheduling and Crew Allocation	1. Effective management of resources: buses, bus staff, scheduling of buses 2. Real-time information on Plan vs. Actual operation on ground 3. Utilization of fleets & crew 4. Dynamic Route and Trip Scheduling of buses
4	Business Intelligence System	1. Depot Management software (DMS) 2. Real time information regarding route wise, Day wise revenue statistics. route wise, day wise bus trips, daily number of commuters 3. Forecasting of revenue, commuter density on routes 4. Comprehensive MIS report for KDMT Management 5. Bus Utilization Report 6. Travel Time Analysis Report a) Missed Trip Report b) Performance Report c) Driver Performance Report d) Over speed Report e) Route Deviation Report f) Passenger density report- Route wise, Day wise, Trip wise g) Route Cost-Revenue Analysis Report h) Any other reports as per the requirements of UMC
5	Command and Control Center Set up	1. Set up of Command and Control Center 2. Provision of Hard ware and software of Command and Control center a) Video wall b) Computers