

Response to Additional Queries received towards the Expression of Interest (EOI) for Business Intelligence Tool for Analytics and Dashboard for Bus Operations in Delhi

SL No.	RFP Page No	Section No	EOI Clause	Query	DIMTS Response
1	Page 4	Section 4, clause viii.b	Details of the proposed BI tool including but not limited to the following: a. BI Tool features and functionalities b. Technical specifications	What all to be given under these technical specifications ?	The technical specifications need to include the technical details of the proposed BI tool such as databases supported, development platforms supported, embeddability, security, architecture, no. users supported, data processing capability etc.
2	Page 8	Annexure 1, sub clause 15	The appointed agency will need to collate data coming from GPS devices, handheld ETM's, system alarms and alerts, various master tables (fleet, drivers, conductors, schedules, tips, routes, bus stops etc.) and daily performance reports, from individual systems.	Is there a central database that stores data from EMT, GPS and other mentioned sources ?	No, there is no central database for the applications. The individual application have their respective database.
3	Page 8	Annexure 1, sub clause 17	The appointed agency should ensure that proposed deployment architecture of the BI tool is in high availability mode with built in redundancy. It is envisaged that the proposed BI tool deployment will have an high uptime of 99.99%	Define redundancy in operational efficiency ?	Redundancy in operational efficiency has not been sought, may kindly read the relevant clause
4	Page 8	Annexure 1, sub clause 19	The proposed BI tool should be capable of sharing reports and other data, as requested by any research or educational institute or any other agency, directly from the system. The data sharing would be done after due approval from DoT/DIMTS	What all content of a report is to be shared ? Tabular data/Visual charts - Pls mention all	Any existing system report, customized report or report generated from the proposed BI report based on data points available in the system will form a part and parcel of this requirement
5	Page 8	Annexure 1, sub clause 19	The proposed BI tool should be capable of sharing reports and other data, as requested by any research or educational institute or any other agency, directly from the system. The data sharing would be done after due approval from DoT/DIMTS	How is the above data to be shared ? via email ?	Through an API based interface, email, export to excel/pdf etc.
6	Page 9	Annexure 1, sub clause 20.m	Allow the user to choose the proper visual element required to display the required KPI data and allow the user to easily switch between alternative visual elements.	What does alternating visuals mean ?	Alternating visuals means presentation of a specific data set in multiple visual forms (such as different charts, data table etc.), which can be changed on a click.
7	Page 9	Annexure C, sub clause 20.w	Run mathematical, statistical, and analytical operations on available data	What is meant by application of statistical operations on data ?	Use statistical analysis to uncover patterns and trend by looking at say mean, standard deviation, regression etc. to name a few
8	Page 10	Annexure 2, sub clause 1	Integration with GPS based Automatic Vehicle Location data with refresh rate/polling cycle of 10 seconds from each bus (integrated with server of TCIL/MAPL, set up for Transport Department, Govt. of NCT of Delhi at Command & Control Centre, 4th Floor, Kashmere Gate)	Does a centralize database exists to store all this bus data every 10 seconds ?	This data is available in the respective application database.
9	Page 10	Annexure 2, sub clause 2	Electronic Ticketing Machines (ETMs) based automatic fare collection system application data (integrated with server set up M/s Aurionpro Solutions Ltd. for Transport Department, Govt. of NCT of Delhi at Operations Control Centre, 1st Kashmere Gate)	Does a centralize database exists to store the ETM data ?	This data is available in the respective application database.

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10	Page 10	Annexure 2, sub clause 2	Electronic Ticketing Machines (ETMs) based automatic fare collection system application data (integrated with server set up M/s Aurionpro Solutions Ltd. for Transport Department, Govt. of NCT of Delhi at Operations Control Centre, 1st Kashmere Gate)	What is the type of database for ETM ? (SQL, cloud etc.) if any ?	The information will be detailed at the RFP stage
11	Page 19	Format 3, point 3	BI Tool data sheet and write ups.	What is meant by BI tool data sheet ?	In case, the proposed BI tool has a standard datasheet, detailing its features, specifications etc., the same may be shared.
12	Not Applicable	General	Not Applicable	What is the total user base for BI ?	The information will be detailed at the RFP stage
13	Not Applicable	General	Not Applicable	How many users will create/work on reports ?	The information will be detailed at the RFP stage
14	Not Applicable	General	Not Applicable	How many users will simply view dashboards ?	The information will be detailed at the RFP stage
15	Not Applicable	General	Not Applicable	What is the database that stores data from all the systems (EMT, Buses, GPS etc.)?	The information will be detailed at the RFP stage
16	Not Applicable	General	Not Applicable	What is the total size of database (past data included) ?	The information will be detailed at the RFP stage
17	Not Applicable	General	Not Applicable	Is this database onprem/cloud ?	The information will be detailed at the RFP stage
18	Not Applicable	General	Not Applicable	How is data transferred from devices (EMT, GPS etc.) into database ?	The information will be detailed at the RFP stage
19	Page 8	Annexure 1, sub clause 18	The proposed BI tool should be deployment agnostic i.e. can be deployed on-premises, on any private / public cloud without imposing any feature restrictions.	What premise does DIMTS prefer for BI deployment ? cloud or on prem ?	The information will be detailed at the RFP stage