

E-Tender (Online) No. 15/21
A Framework Tender for the Supply, Integration,
Operation and Maintenance for a MTMS
(Metropolitan Traffic Management System)
and its Modules

Bidders' Meeting

May 27, 2021

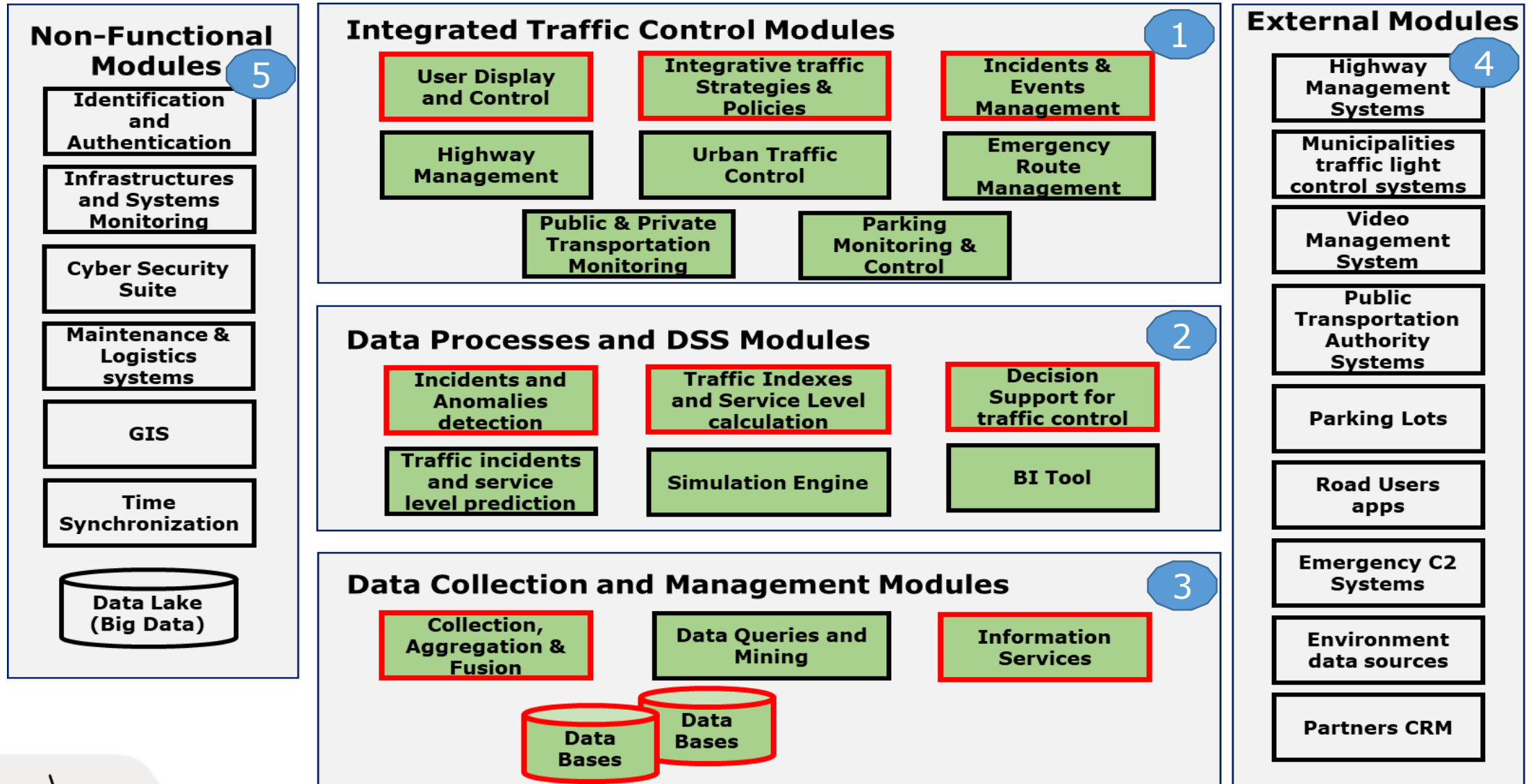


2 introductory and orientation slides

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Table of Contents slide

MTMS system description



(The details of the capabilities are attached as document C 'to the tender documents)

MTMS system description

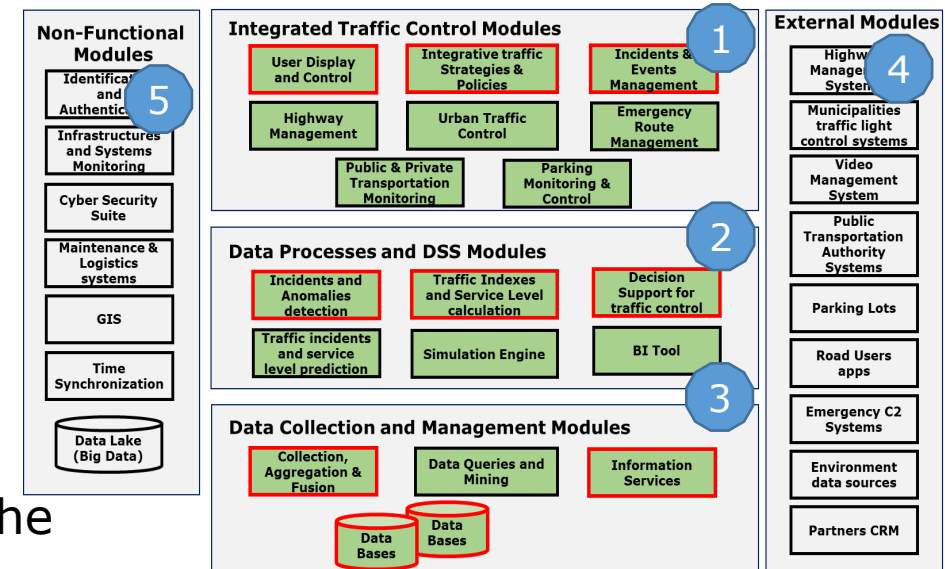
1) Integrated Traffic Control Modules (ITC), that include: Users Display and Control ; Integrative Transportation Strategies and Policies; Events management

2) Data processing modules and decision support system (DSS) that include: Event and anomalies detection; Traffic indices and calculation of service levels; Decision Support for traffic control

3) Data collection and management modules, that include: Data collection, organization ,fusion and creating the traffic situation picture; Information accessibility services; Internal databases.

4) Interfaces to external systems and modules (Such as a highway system, traffic light management systems, public transportation databases, parking lots, etc ...)

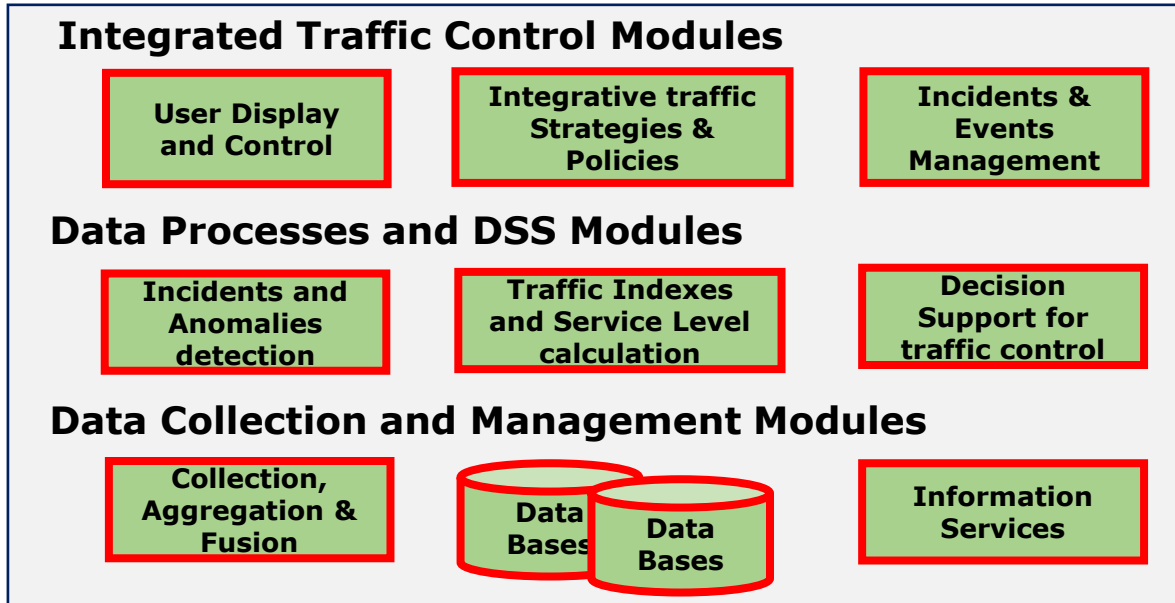
5) Interfaces to "non-transport" support modules (such as geographic Information services, information protection components, technical support and maintenance, time clock, data Lake, etc ...)



Submitting options - 2 categories

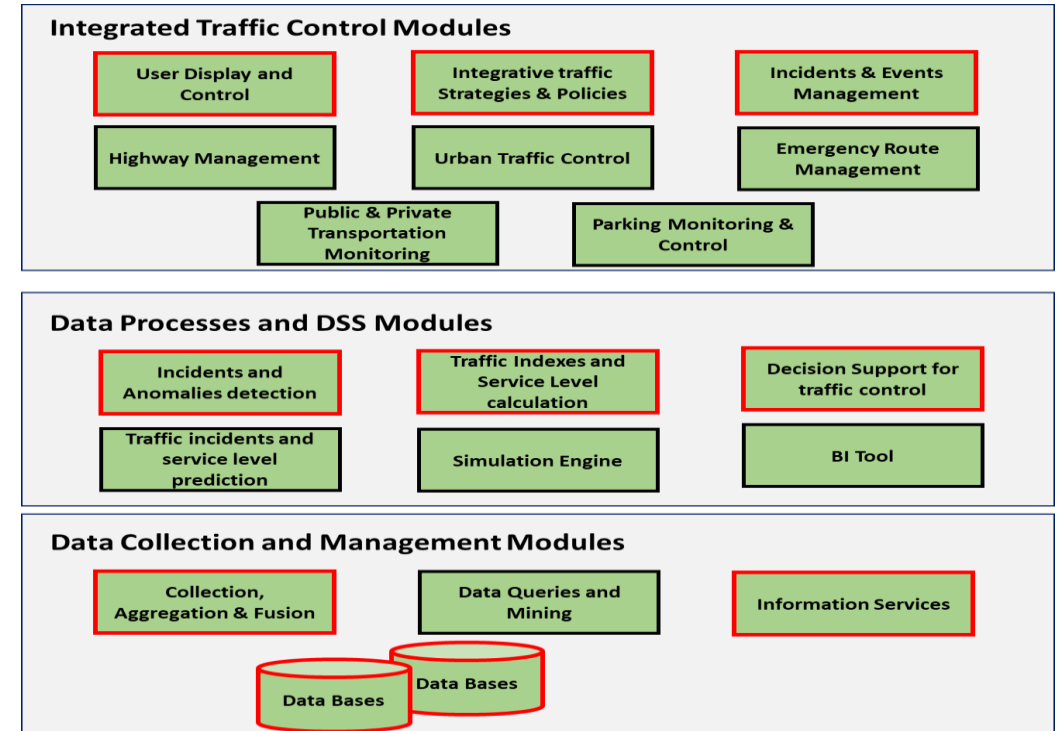
Category A MTMS Providers

(A package that incorporates all core models, at least)



Category B Individual modules Providers

(from the list of core modules and Others)

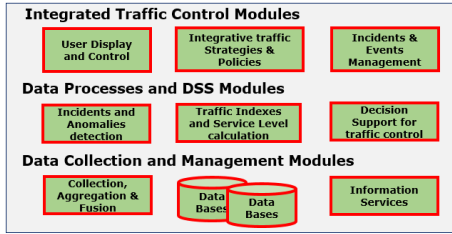


The publication of the individual tenders will be ranked:
Tender for category A and only after that
tender/s for complementary modules as needed

Submitting options - 2 categories

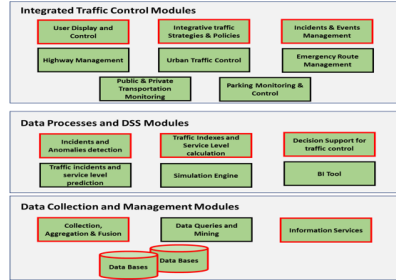
Category A MTMS Providers

(A package that incorporates all core models, at least)



Category B Individual modules

(from the list of core modules and Others)



Bidders may submit Proposals for providing the full set of the MTMS Core Modules of Category A (with or without additional modules) and/or a proposal for one or more Individual Module(s) of Category B.

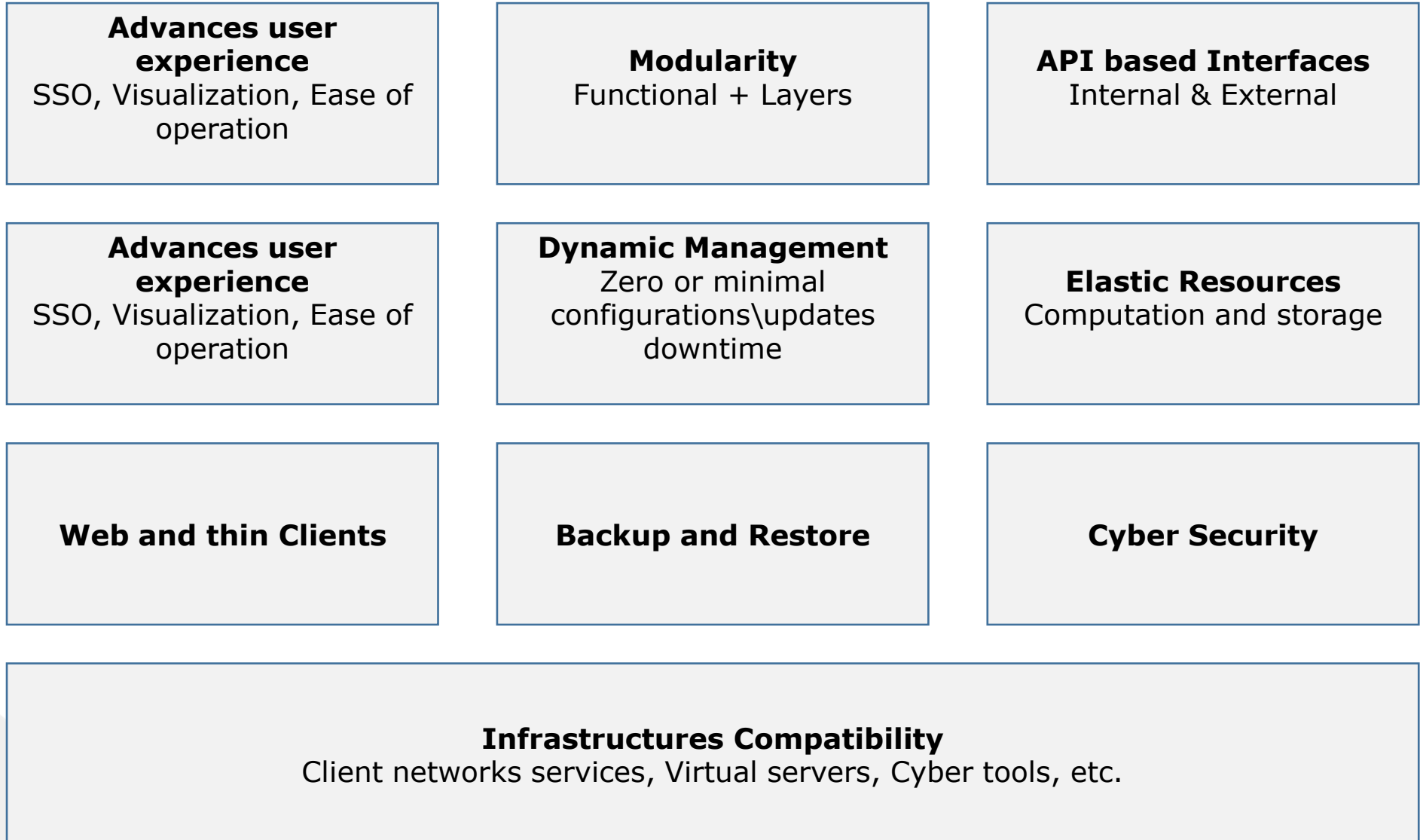


The publication of the individual tenders will be ranked:
Tender for category A and only after that
tender/s for complementary modules as needed

Bidders that submit a Proposal for Category A, will be deemed to have submitted a Proposal for Category B as well, regarding each and every module (MTMS Core Modules and Non-Core Modules) contained in their Proposal for Category A, there is no need for such Bidders to submit a separate proposal for Category B regarding these Individual Modules).

MTMS General System Requirements

MTMS design shall aim to a modern software development, open Architecture and standard interfaces.



Tender Documents

Document A - the terms of the Tender volume, and its appendices :

- Appendix 1 - Bidder Profile Form
- Appendix 2 - Proposal Form
- Appendix 3 - The Bidder's Declaration -an Understanding of the Terms of the Tender
- Appendix 4 - Attorney Confirmation
- Appendix 5 - Affidavits under the Public Entities Transactions Law, 5736-1976
- Appendix 6 - Participant's Statement
- Appendix 7 - An Affidavit Concerning the Bidder's Status and Experience
- Appendix 8 - A Declaration Concerning the Absence of Conflict of Interest
- Appendix 9 - A Declaration Concerning the Terms of Participation in the Tender as part of the "Dekel Tender" System

Document B - The Framework Agreement

Document C - Concept and Scope of MTMS

Document D - Compliance Table

Document C – Concept and scope



AYALON HIGHWAYS CO. LTD

METROPOLITAN TRAFFIC MANAGEMENT SYSTEM
(MTMS)

System concept and scope

May 2021

V3.0

The purpose of the document is to enable bidders a deeper understanding of the scope, approach, needs and components of the metropolitan traffic management system And to define a clear professional language for analyzing and comparing the bids.

the concept and scope, which are described in this document, are preliminary and liable to be updated until the project implementation

Any bidder may suggest alternative solutions and additional content that address the requirements and specifications.

Document D - Compliance Table

Chapter	Title	Compliance	Description	Document References
2.2	Data Collection Component			
2.2.1	Collection, Aggregation and Fusion module	<input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> No <input type="checkbox"/> In development	<ul style="list-style-type: none"> • Description and detailed explanation of the modules, and compliance with reference to the System Concept and Scope Document. • Alternative solutions • Additional suggested capacities 	
2.2.2	Data Query and Data Mining	<input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> No <input type="checkbox"/> In development		
2.2.3	Information Services	<input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> No <input type="checkbox"/> In development		
2.2.4	Internal DB (Data Bases)	<input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> No <input type="checkbox"/> In development		
#	Additional capabilities			

- Chapter & Title Reference to the specific chapter in the "System Concept and Scope" (Document c)
- Compliance – Refers to the ability of the bidder to comply with the MTMS Modules
- Description – general description of the bidder's compliance with the scope.

The bidder may also suggest alternative compliance or implementation of the module.. -

Document references – Refers to description appendices of the bidder's compliance to the chapter scope.

Framework Categories

For the purpose of this Tender, the Company seeks to form a Pool of Framework Suppliers in two separate categories:

Category A – A MTMS that consists of at least the MTMS Core Modules.

Category B - Individual Modules

- Bidders may submit Proposals for providing the full set of the MTMS Core Modules of Category A (with or without additional modules) and/or a proposal for one or more Individual Module(s) of Category B.

Threshold Condition

- The Bidder is a corporation incorporated in the State of Israel (as a company or partnership) or a licensed dealer in the State of Israel

OR

- The Bidder is an entity (company or registered partnership) duly organized and validly existing under the laws of an Authorized State. In the event that a Bidder which is not incorporated in the State of Israel will be declared as a winning Bidder, the engagement of the Company with such Bidder will be subject to registration of the Bidder in Israel as a Foreign Company or as a Foreign Partnership (as applicable), as these terms are defined in the Companies Law, 5759-1999 or The Partnerships Ordinance [New Version], 5735-1975, respectively.

Threshold Condition

- If the Bidder is incorporated in the State of Israel, it holds all the required approvals and certifications as stipulated in the Public Entities Transactions Law, 5736-1976
- The Bidder is not in receivership, suspension of proceedings, bankruptcy or liquidation and not facing any pending applications of this kind, or insolvency, nor have foreclosures been imposed on the Bidder's assets at a rate higher than its shareholders equity

Threshold Condition –

MTMS – Category A

The Bidder has developed a MTMS which includes at a minimum, all the MTMS Core Modules, and such MTMS has been in operation in at least 2 Metropolitan Traffic Control Projects for at least 2 of the 3 years preceding the Deadline for Submission of Proposals.

Individual Module(s) - Category B

The Bidder has developed the Individual Module and such Individual Module has been in operation in at least one Metropolitan Traffic Control Project for at least 2 of the 3 years preceding the Deadline for Submission of Proposals

Definitions in relation to the Threshold Conditions

MTMS Core Modules:

1. Data Collection and Data Management modules, which include:
 - Collection, aggregation & fusion;
 - Information services;
 - Internal data base(s);
2. Data Processing and Decision Support System (DSS) modules, which include:
 - Incidents and anomalies detection;
 - Traffic indexes and service levels calculation;
 - Decision support for traffic control;
3. Integrated Traffic Control modules, which include:
 - User display and control;
 - Integrative traffic strategies & policies;
 - Incidents and events management;

Each as more fully described in Document C of the Tender Documents.

Definitions in relation to the Threshold Conditions

Metropolitan Traffic Control Projects shall mean, a project with the following minimum characteristics:

1. Metropolitan population of over 1 million residents
2. Control and Management of more than 35Km highway length with at least 10 interchanges and more than 300 intersections with traffic lights.

For the purpose of submitting a Proposal for Category A only, the Bidder may be a Joint Venture (as defined below).

“Joint Venture” - A non-registered partnership of two or more legal entities, where each one bears responsibility, jointly and severally, to the Bidder's (the joint venture's) commitments, including those specified in the Tender Documents. For the avoidance of any doubt, it is clarified that each member of the Joint Venture is entitled to participate in only one Proposal. Any Proposal submitted by a Joint Venture will be signed by the authorized signatory(ies) from each one of the members of the Joint Venture, to which the stamp of each one of the said Joint Venture members will be affixed.

The Framework Agreement

As stated above, the Company intends to enter into a Framework Agreement with all winning Bidders, at its sole discretion, who will be included in the Pool of Framework Suppliers in each Category.

The Framework Agreement is a framework agreement for the execution of Specific Tasks. Before the execution of each Specific Task, a Specific Agreement will be signed between the Framework Supplier and the Company.

It is hereby clarified that this Tender does not establish towards the Framework Suppliers any commitment, except the commitment of the Company to incorporate them in the Pool of Framework Suppliers, from which the Company may select from time to time and in accordance with the provisions of this Tender, the Framework Supplier with whom it will engage for execution of a Specific Task. Inclusion in the Pool of Framework Suppliers does not guarantee any Framework Supplier that the Company will convey any Specific Task for execution whatsoever

A Specific Invitation for the Execution of a Specific Task

As detailed herein, after completion of the Tender proceedings and forming the Pool of Framework Suppliers for each Category, the Company shall be entitled to issue, among the Framework Suppliers (all or part of) of each Category, from time to time, in accordance with its needs, a Specific Invitation for the supply of one or more system modules as defined by the Company and provision of the Services with relation to such modules, all at the Company's sole discretion.

While the Company is not committed to a certain course of action, it is currently its intention to issue, at the first stage, a Specific Invitation to the Suppliers listed in Category A, and only once a winner is chosen and the capabilities of the proposed MTMS are known, to issue additional Specific Invitations to the Framework Suppliers listed in Category B, in order to choose Suppliers for Individual Module(s) to be integrated with the MTMS. For the avoidance of doubt it is clarified that Specific Invitations to the Framework Suppliers listed in Category B may include a Specific Task for the provision of an Individual Module which is a MTMS Core Module, inter alia, in the event that Company would like to choose such a module from Category B Framework Suppliers, in lieu of the module offered by the winner of Category A

Examination and Evaluation of the Proposals

Selection of the winning Proposal(s) will be performed as follows:

- Examining the Bidder's Compliance with the Threshold Conditions
- Examination of Submission
- All Bidders who have complied with the threshold conditions, shall be declared winning Bidders, and will be entered into the Pool of Framework Suppliers

Timetables

The planned timetables for the proceedings are as follows:

- Bidders' Meeting –
May 27, 2015 at 15:00 (Israel local time).
- The Deadline for Submission of Clarification Questions –
June 14, 2021 no later than 15:00 (Israel local time)
- The Deadline for Submission of Proposals –
July 5, 2021 no later than 15:00 (Israel local time)

The Company is entitled, at any time and at its sole discretion to alter the procedural timetable, in a notification to posted on the Company's Website.

Period of Engagement

The engagement between the Company and the Suppliers shall be 24 months (commencing on the date on which the Company signs the Framework Agreement)

The Company reserves the right, at its sole and absolute discretion, to extend the Period of Engagement for up to 3 additional periods of 12 months each, (all as specified in the Framework Agreement).

Thank You