

NOTICE ON MARKET CONSULTATION

1. **Name of contracting authority:** Chisinau City Hall
2. **IDNO:** 1007601009484
3. **Address:** *mun. Chişinău, bd. Ştefan cel Mare şi Sfânt, 83*
4. **Contact person:** *Ruxandra MACARI*
5. **Telephone/fax no.:** + 373 (22) 20 15 38
6. **E-mail address of the contracting authority:** primaria@pmc.md
7. Internet address where information on the market consultation process is published: www.chisinau.md,
www.mill.md

8. **Type of contracting authority and main object of activity (if applicable, mention that the contracting authority is a central purchasing authority or that the procurement is carried out on behalf of an association of contracting authorities):** *local public authority*

9. **Description of the objective needs and constraints of a technical, financial and/or contractual nature characterizing the need for the contracting authority to organize this market consultation process:**

Chisinau City Hall plans to implement an integrated traffic management system equipped with state-of-the-art analytical capabilities. Currently, no other city or town in Moldova has implemented a similar traffic monitoring and management system. The local market offers limited solutions to meet the necessary requirements, with only a few potential suppliers acting as representatives of international companies. Given the innovative nature of this activity and the specific conditions of the local market, it is necessary to organize a market consultation process. This will ensure that technical information is obtained from potential suppliers of intelligent traffic solutions, both on the local and international market.

Scope and features of the traffic monitoring system:

Our scope is to create an advanced traffic analysis system with the following functionalities:

- **Traffic Volume Monitoring:** Quantitative analysis of vehicular flow to gauge congestion levels and assess roadway capacity utilization.
- **Origin-Destination Analysis:** Utilizing Automated Number Plate Recognition (ANPR) data to track vehicular movement patterns, which will aid in understanding primary routes and potential bottlenecks.
- **Vehicle classification:** Differentiate vehicles by type to adapt traffic management strategies accordingly.
- **Travel-Time Analysis:** Evaluating the duration taken for vehicles to traverse specific segments, which can be instrumental in identifying areas of inefficiency.
- **Data integration for traffic management software:** Ensuring that data can be seamlessly integrated into the traffic management system, especially adaptive systems. We emphasize the importance of open protocols and are resisting to vendor-locked solutions, prioritizing flexibility and future scalability.

Approximately 20 cameras are planned to be installed in 10 strategic locations around the historic and commercial city center.

10. Issues for consultation in the market consultation process:

Preliminary note: The main objective of the market consultation is to obtain comprehensive information on the IT infrastructure configurations (described in point 5 below) required for the traffic monitoring and management system. The outcome of the consultation will facilitate and ensure the efficient implementation of the traffic monitoring and management system.

Main issues for consultation:

- 1) **Functionality of the system:** Interested Entities must confirm the alignment of their solutions with the features of the traffic monitoring system described in point 9.
- 2) **Overview of Solutions:** Interested Entities must present a summarized outline of their system, emphasizing the core hardware, network, and software elements.

3) **Technical details:** Interested Entities must provide a detailed description of all technical components required for the traffic monitoring system, detailing the complexity of the hardware, network and software aspects.

4) **Estimation of the costs of the core components:** Interested Entities must submit a preliminary cost estimate for the core components.

5) **Infrastructure requirements:** Interested Entities must describe the essential IT infrastructure requirements of the Traffic Monitoring Centre needed to implement their proposed solutions, including specifications required for video wall monitors, media controllers, decoders, servers, network configurations and others.

6) **Estimation of implementation costs:** Interested Entities must submit a detailed plan on the implementation methodology, including cost estimates, covering camera installation procedures, software configurations, system connectivity, testing, launching and any other essential steps.

11. Deadline for submission of proposals by interested persons/ organisations in the market consultation process: *November 16, 2023, 16:00.*

12. Description of how the market consultation will be carried out, including how the interaction with Entities responding to the contracting authority's invitation will be carried out:

- Online;
- Suggestions/recommendations on the issues under consultation should be sent only by electronic means, MANDATORY IN EDITABLE FORMAT - Word or Excel, to the email address: ruxandra.macari@mill.md, procurement@mill.md with the title "**Traffic Monitoring System**".
- Once the proposals have been received, working meetings will be organised with interested Entities to examine the suggestions submitted.

13. Any other relevant information on the market consultation process.

The market consultation takes place in the context of the implementation of the *Project "MOVE IT like Lublin" - a Chisinau public transport sustainable development initiative.*

The project "*MOVE IT like Lublin" - a Chisinau public transport sustainable development initiative* is a technical assistance project funded by the European Union and implemented by the Chisinau City Hall, included in the list of ongoing technical assistance projects under Government Decision No 246 of 08 April 2010, registered under No 8721174015425.

Deputy mayor: *Ilie CEBAN*

