

Request for Information (RFI)

Models, Methodologies and Tools for the Analysis and Forecasting of Demand for Walkability and Non- Motorized Transportation

No. 10-2026

Updated as of September 14, 2026

1. Background

1.1. About Jerusalem Transport.

- 1.1.1. Jerusalem Transport is the professional arm of the Ministry of Transport and Road Safety and the Jerusalem Municipality for the promotion, planning and development of transportation systems in the city of Jerusalem and the metropolitan area.
- 1.1.2. Jerusalem Transport leads the strategic and implementation planning of a wide range of transportation projects, including the light rail network, the public transportation system, transportation terminals, the bicycle path network, pedestrian spaces, micro-mobility infrastructure, street planning, accessibility, safety, and transit-oriented development (TOD). In addition, Jerusalem Transport develops methodologies, planning tools and decision-support models that serve as a basis for policy formulation, long-term planning and decision-making in complex transportation projects.
- 1.1.3. Additional information about Jerusalem Transport can be found on the Jerusalem Transport website.

1.2. Professional Background.

- 1.2.1. In recent years, there has been growing recognition worldwide that walking, cycling and micro-mobility modes constitute a key component of the urban transportation system and contribute to accessibility, connectivity, public health, urban resilience, reduced congestion and pollution, and improved quality of life in the urban environment. Accordingly, many cities are investing significant resources in developing walking and cycling networks, improving connectivity to public transportation, and increasing the share of non-motorized transportation in overall urban trips.
- 1.2.2. Alongside these trends, a wide range of models, methodologies and analytical tools designed to support non-motorized transportation planning have been developed worldwide. These tools seek to address the unique characteristics of walking and cycling, including the effects of topography, the quality of the public realm,

level of service, safety, accessibility, behavioral changes, user preferences, and connectivity to the public transportation network. Unlike traditional motorized transportation models, this field integrates aspects of transportation planning, behavioral sciences, geographic information systems (GIS), network analysis, simulation, artificial intelligence and data science.

- 1.2.3. The unique characteristics of the city of Jerusalem, including its hilly topography, complex urban fabric, diverse populations, the development of the light rail network, and the scale of investment in walking and cycling infrastructure, require the development and use of advanced planning tools that will provide professional support for decision-making throughout all stages of planning and development.

1.3. **Purpose of the Request for Information (RFI).**

- 1.3.1. As part of this Request, Jerusalem Transport seeks to obtain information, in accordance with the provisions of Section 14A of the Mandatory Tenders Regulations 5753-1993, from professional entities, companies, research institutions, public and private entities, and parties with relevant experience, regarding methodologies, models, platforms and tools for supporting transportation and urban planning, analysis and decision-making in the field of non-motorized transportation.
- 1.3.2. The purpose of the Request for Information is to map the existing knowledge and experience in Israel and worldwide, examine various approaches and methodologies, identify existing relevant commercial and research solutions, and understand their capabilities, limitations and areas of application, with emphasis on measuring, analyzing and forecasting demand for walking, cycling, micro-mobility and connectivity to public transportation. In addition, Jerusalem Transport seeks to learn about accumulated experience in implementing these solutions, their associated data requirements, and their suitability for various planning challenges, including the unique planning challenges that characterize Jerusalem.
- 1.3.3. The information collected as part of this process will be used by Jerusalem Transport for the purpose of formulating a working approach, developing professional capabilities, defining needs and requirements documents, and examining future procurement processes, if so decided. It is clarified that the publication of this Request does not constitute an undertaking to publish a tender, to

enter into an engagement with any of the respondents, or to initiate any process as a result thereof.

- 1.3.4. Following receipt of the information, and having regard to the findings thereof, Jerusalem Transport reserves the right to conduct or refrain from conducting competitive or other processes, including additional Requests for Information, in order to advance the business, commercial or operational implementation of a non-motorized transportation model, all in accordance with the provisions of applicable law.

2. Respondents

- 2.1. This Request is intended for individuals and entities that possess the experience and/or information required under this Request and that believe they are capable of providing solutions, off-the-shelf products, methodologies, platforms and tools supporting planning and decision-making in the field of non-motorized transportation.
- 2.2. Jerusalem Transport seeks to obtain information from a broad range of parties, based on the understanding that knowledge in this field combines various disciplines, including transportation planning, urban planning, geographic information systems (GIS), data science, artificial intelligence, behavioral sciences, simulation, operations research, computer science and academic research.
- 2.3. Accordingly, this Request is addressed, *inter alia*, to the following parties:
 - 2.3.1. Software companies, technology companies and solution providers that develop or market systems, models or software tools for planning, analysis, simulation or decision support in the field of non-motorized transportation.
 - 2.3.2. Consulting firms, transportation planners, urban planners and engineering firms with experience in the development, implementation or use of models and analytical tools in the fields of transportation, walkability, cycling and micro-mobility.
 - 2.3.3. Universities, academic institutions, research institutes and applied research organizations engaged in the development of methodologies, models or research in the fields of non-motorized transportation, behavioral sciences, accessibility, quality of the urban environment or related fields.

- 2.3.4. Transportation authorities, local authorities, public entities, government companies and international organizations that have developed, implemented or operate tools and methodologies in this field.
- 2.3.5. Companies engaged in data platforms, Digital Twin systems, GIS, simulation, network analysis, artificial intelligence or other technologies, insofar as they are relevant to planning and decision-making in the field of non-motorized transportation.
- 2.3.6. Any other entity that believes it possesses knowledge, experience, a solution, methodology or insights that may contribute to the objectives of this Request.

3. **Response to the Request for Information and Handling of Responses**

3.1. **General**

- 3.1.1. As part of this Request, Jerusalem Transport seeks to obtain professional information regarding methodologies, models, platforms, software tools, working methods, research and practical experience that may contribute to planning, analysis and decision support in the field of non-motorized transportation.
- 3.1.2. The response is not limited to the presentation of a commercial product or an existing system, and may present methodologies, research developments, open-source tools, a combination of several solutions, or any other approach relevant to the objectives of this Request.
- 3.1.3. It is recommended that the response address, to the extent possible, the matters detailed below.

3.2. **Respondent Details**

- 3.2.1. General Information about the Respondent - General information about the Respondent, including its field of activity, years of operation, ownership structure, location of operations and scope of operations.
- 3.2.2. Fields of Activity and Expertise - Description of the Respondent's principal fields of activity, with emphasis on areas of expertise relevant to this Request.

- 3.2.3. Respondent's Structure and Professional Capabilities - Details of the Respondent's professional capabilities, areas of expertise available within the Respondent, and the professional teams engaged in the development, implementation or research of the solution.
- 3.2.4. Experience in Transportation - Description of the Respondent's accumulated experience in transportation, including projects, research or services performed.
- 3.2.5. Experience in Non-Motorized Transportation - Details of experience in walkability, cycling, micro-mobility or related areas.
- 3.2.6. Experience in Developing Models and Analytical Tools - Details of experience in the development, implementation or operation of models, methodologies, software systems or analytical and decision-support tools.
- 3.2.7. Contact Person Details - Details of the Respondent's contact person for the purpose of further communications as part of this process.

3.3. **Description of the Proposed Solution**

- 3.3.1. General Description of the Solution - General description of the solution, its objectives, operating principles and the professional value it provides.
- 3.3.2. Type of Proposed Solution - Specification of the type of solution, such as an off-the-shelf product, professional service, methodology, custom development, open-source tool, or a combination of several components.
- 3.3.3. Maturity Level of the Solution - Description of the maturity level of the solution, including its stage of development and implementation and the experience accumulated in its operation.
- 3.3.4. Service Delivery Method - Details of the manner in which the solution is provided, including software, professional services, cloud services, custom development or any other model.
- 3.3.5. Future Roadmap for Development of the Solution - If applicable, presentation of the future development directions of the solution and the capabilities planned to be added thereto, if any.

3.4. **Professional and Methodological Approach**

- 3.4.1. Methodological Approach - Description of the professional and methodological principles on which the solution is based, including the approaches, theories or models used.
- 3.4.2. Professional Problems Addressed by the Solution - Description of the professional, planning or transportation challenges for which the solution was developed and the types of questions it enables users to answer.
- 3.4.3. Areas of Application of the Solution - Details of the areas of planning, analysis and decision-making in which the solution may be used.
- 3.4.4. Principal Assumptions and Limitations - Description of the principal assumptions on which the solution is based, its professional and operational limitations, conditions for its implementation, and the circumstances in which it is or is not suitable for use.
- 3.4.5. Data Requirements - Details of the types of data required to operate the solution, their quality, scope and any other material requirements.
- 3.4.6. Calibration, Validation and Quality Control - Description of the manner in which calibration, validation and quality control of the solution are performed, where relevant.

3.5. **Solution Capabilities**

- 3.5.1. Types of Analyses Supported - Details of the types of analyses, assessments, forecasts or simulations that may be performed using the solution.
- 3.5.2. Outputs and Analytical Capabilities - Description of the outputs generated using the solution, including indicators, reports, maps, forecasts or decision-making tools.
- 3.5.3. Scenario Analysis - Details of the capability to examine planning alternatives, future scenarios or the impact of changes in infrastructure, policy or the urban environment.
- 3.5.4. Integration with Existing Systems - Description of integration capabilities with information systems, GIS systems, transportation models or other systems.

- 3.5.5. Illustration and Visualization Capabilities - Details of capabilities for presenting outputs, including maps, dashboards, graphical illustrations, simulations or other visualization tools.

3.6. **Experience and Applications**

- 3.6.1. International Experience – Details of prior experience in implementing the solution in various countries.
- 3.6.2. Experience in Metropolitan Areas – Description of implementations carried out in large cities or metropolitan areas with similar characteristics.
- 3.6.3. Key Case Studies – Presentation of selected projects illustrating how the solution is used and the benefits achieved.
- 3.6.4. Principal Clients – Details of the types of organizations or clients that have used the solution.
- 3.6.5. Lessons Learned and Insights – Presentation of insights, successes, challenges or lessons learned during implementation of the solution.

3.7. **Implementation and Deployment Requirements**

- 3.7.1. Proposed Implementation Stages – Description of the principal implementation stages required for deployment of the solution.
- 3.7.2. Infrastructure Requirements – Details of the computing, software, communications or any other infrastructure requirements necessary for operation of the solution.
- 3.7.3. Personnel Requirements – Details of the professional knowledge, personnel or training required for implementation and operation of the solution.
- 3.7.4. Maintenance and Updates – Description of the manner in which the solution is maintained, updated and continuously improved over time.
- 3.7.5. Contracting Model – Where relevant, details of the customary contracting model, licensing model or manner of service delivery.

3.7.6. Option to Conduct a Pilot – Description of a proposed pilot, its duration, scope, personnel required therefor and its estimated cost.

3.8. **Additional Information**

3.8.1. Professional Documents – Professional documents supporting the proposed solution.

3.8.2. Research and Articles – Research, publications or professional articles relevant to the solution.

3.8.3. Presentations and Explanatory Materials – Presentations, brochures or additional background materials.

3.8.4. Videos and Simulations – Videos, simulations or additional visualization materials, if available.

3.8.5. Any Additional Information – Any additional information that, in the Respondent's opinion, may contribute to understanding the solution or to the objectives of this Request.

4. **Manner of Response**

4.1. A Respondent wishing to respond to this Request shall complete the Respondent's details on the form attached as Appendix A to this Request and shall also prepare the response to the Request using the form attached as Appendix B to this Request (the Respondent's response to Appendix B to this Request may be attached as a separate document containing the matters set forth therein).

4.2. It is clarified that a Respondent wishing to provide only general information in its submitted response may do so. In such case, the Respondent shall complete Appendix B with the information available to it, provided that the information submitted as part of the response is relevant to the objectives of this Request.

4.3. The response to this Request shall be submitted as a PDF file, by the deadlines specified in Section 5.1 below, to the following email address: tenders@jtmt.gov.il.

5. **Schedule and Timetable for the Process**

5.1. The following table summarizes the dates and timetable for the process:

Event	Date
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Publication date of the process	September 15, 2026
Deadline for submission of clarification questions	October 14, 2026
Deadline for submission of the response to the Request for Information (RFI)	November 25, 2026

5.2. In the event of a discrepancy between a date specified in the table above and a date specified elsewhere in this Request, the date specified in the table shall prevail, unless such date is amended by a clarification or written notice issued by Jerusalem Transport at a date later than the publication date of the Request.

5.3. Jerusalem Transport may, at any time and at its sole discretion, change, including by postponing, the dates specified in Section 5.1 above for one or more additional specified periods. All provisions that applied to the preceding dates shall apply to any new dates established by Jerusalem Transport, if any. For the avoidance of doubt, it is hereby clarified that nothing in this Section shall be construed as guaranteeing any extension.

6. Clarifications

6.1. All questions and requests for clarification in connection with this Request shall be submitted in writing only, through the following email address: tenders@jtmt.gov.il, by the deadline specified in Section 5.1 above.

6.2. Responses to clarification questions, if provided, shall be provided at the sole discretion of Jerusalem Transport.

6.3. Jerusalem Transport may, at its sole discretion, address or refrain from addressing questions and/or requests for clarification and/or any part thereof.

6.4. Jerusalem Transport may publish clarifications and amendments to this Request, whether on its own initiative or in response to clarification questions, including after publication of the responses thereto. It is the Respondents' responsibility to keep abreast of such clarifications and amendments on "Dekel" system via the following link: <https://cloud.dekel.co.il/Bids/AddEdit.aspx?ID=30840/>

7. General Terms

7.1. It is hereby clarified that this Request does not constitute a tender, an invitation to submit proposals, negotiations, or the establishment of a supplier pool, or any competitive process, but rather a request for information made for the purpose of a non-binding preliminary examination

conducted by Jerusalem Transport, *inter alia*, for the purpose of making decisions regarding the feasibility of conducting a competitive process in connection with the establishment and/or operation of the solutions and/or conducting a pilot to evaluate such solutions, including ascertaining details regarding the existence of potential relevant parties and additional information as detailed in this Request.

- 7.2. This Request is intended solely for the purpose of obtaining information and does not constitute any undertaking by Jerusalem Transport to publish a tender and/or any competitive process concerning this Request and/or to proceed with any process whatsoever and/or to enter into an engagement of any kind and/or any undertaking or promise whatsoever toward the Respondents and/or any person and/or entity, nor shall it confer upon any Respondent and/or any party any right and/or expectation and/or advantage and/or legally protected interest of any kind. Without limitation, this Request shall not confer any right to participate in any tender/competitive process, if published, nor shall it guarantee compliance with the threshold requirements or any other condition applicable to any such tender/competitive process.
- 7.3. For the avoidance of doubt, it is clarified that if Jerusalem Transport decides to publish a tender and/or competitive process as aforesaid, it may require, under such tender/competitive process, services that are different from and/or additional to those presented in this Request, and may impose conditions that are additional to or different from those presented in this Request, at its sole discretion.
- 7.4. All expenses involved in submitting the response shall be borne solely by the Respondent, and under no circumstances shall the Respondent be entitled to reimbursement and/or any compensation and/or indemnification for expenses and/or damages incurred by it in connection with the response and/or the preparation and submission thereof. For the avoidance of doubt, it is clarified that Jerusalem Transport shall not bear any payment and/or expense in connection with this Request or anything arising therefrom.
- 7.5. Submission of a response to this Request does not entail any payment. It is clarified and emphasized that neither this Request nor any response thereto shall be deemed a financial proposal of any kind.
- 7.6. Without derogating from the generality of the foregoing, it is clarified that any of the particulars specified in this Request are subject to change at the sole discretion of Jerusalem Transport, and nothing herein shall bind Jerusalem Transport in any manner whatsoever.

- 7.7. Following receipt of the responses from the Respondents and commencing from the start of the response submission period, as detailed in Section 5.1 above, Jerusalem Transport may contact any of the Respondents to this Request (all or some of them) for the purpose of obtaining clarifications, supplementary information or additional information, and may also invite any of the Respondents (all or some of them), whether in person or by other means, for the purpose of presenting the response and/or supplementing information and/or providing clarifications, as well as to provide Jerusalem Transport with any additional information in their possession in connection with this Request, all as Jerusalem Transport deems appropriate. It is clarified that any such meeting shall not constitute an undertaking to enter into an engagement, conduct a demonstration or pilot, or proceed with any process whatsoever with any of the Respondents.
- 7.8. It is hereby expressly clarified that Jerusalem Transport may make any use for its own purposes of the information received pursuant to this Request, without restriction and without any payment in respect thereof, *inter alia*, for the purpose of decision-making, entering into an engagement, preparing a competitive process, or a request for proposals, if it decides to do so, and the Respondents waive any claim in connection with the use of such information and/or the confidential nature thereof.
- 7.9. Jerusalem Transport does not undertake to accept the proposed solutions, in whole or in part, including conducting a pilot in any format whatsoever.
- 7.10. Jerusalem Transport may cancel this RFI at any stage and for any reason whatsoever.
- 7.11. Jerusalem Transport does not undertake to approach any of the Respondents, or at all, in connection with any future process relating to the Request herein and may continue the process with whichever of the Respondents it deems appropriate or with any other party, all at its sole discretion.
- 7.12. A Respondent submitting a response to this Request declares that it agrees to all matters set forth in the Request and undertakes that it shall have no claims or demands against Jerusalem Transport or any other party in connection with the use of the information provided by it.
- 7.13. The Respondent undertakes that the information submitted by it and/or any use made thereof shall not infringe the rights of any third party, including intellectual property rights, and that it shall bear sole responsibility for any demand or claim arising from an allegation that the use of the information provided by it infringed such third-party rights, and that it shall indemnify Jerusalem Transport immediately upon demand for any amount demanded

and/or claimed as a result of any such claim or demand as aforesaid, including expenses and attorneys' fees.

- 7.14. The Request documents are the exclusive property of Jerusalem Transport, and the Respondent declares that neither it nor anyone acting on its behalf shall make any use of the Request or the information contained therein other than for the purpose of preparing a response thereto.

Appendix A – Respondent Details

[It is recommended to attach relevant documents, certificates, information and data supplementing the response]

Respondent	
Respondent Name	
Type of Incorporation	
Respondent Registration Number	
Address	
Email Address	
Telephone	

Respondent's Contact Person	
Name of Respondent's Contact Person	
Position with the Respondent	
Email Address	
Telephone Number	

Appendix B – Response Form for the Request

[It is recommended to attach relevant documents, certificates, information and data supplementing the response; the response may be provided in a separate document; it is recommended to attach professional documents supporting the proposed solution, research, publications or professional articles relevant to the solution, presentations, brochures or additional background materials, videos, simulations or additional visualization materials, if available]

1. Description of the Respondent

Brief description of the Respondent, its fields of activity, years of operation, ownership structure, location and scope of operations.

Description of the Respondent's principal fields of activity, with emphasis on areas of expertise relevant to this Request.

Details of the Respondent's professional capabilities, existing areas of expertise and the professional teams engaged in the development, implementation or research of the solution.

Description of accumulated experience in the transportation field, including projects, research or services performed.

Description of accumulated experience in the fields of walkability, cycling, micro-mobility or related fields.

Details of experience in the development, implementation or operation of models, methodologies, software systems or analytical and decision-support tools.

2. Description of the Proposed Solution

General description of the solution, its objectives, operating principles and the professional value it provides.

Type of solution [select one or more options]

- ☐ Professional methodology
- ☐ Model
- ☐ System / Software

- ☐ Professional service
- ☐ Research
- ☐ Custom development
- ☐ Other _____

Description of the maturity level of the solution, including its stage of development and implementation and the experience accumulated in its operation.

Details of the manner in which the solution is provided, including software, professional services, cloud services, custom development or any other model.

Presentation of the future development directions of the solution and the capabilities planned to be added thereto, if any.

3. Professional and Methodological Approach

Description of the professional and methodological principles on which the solution is based, including the approaches, theories or models used.

Description of the professional, planning or transportation challenges for which the solution was developed and the types of questions it enables users to answer.

Details of the areas of planning, analysis and decision-making in which the solution may be used.

Description of the principal assumptions on which the solution is based, its limitations, conditions for its implementation and contexts in which it is particularly suitable.

Details of the types of data required to operate the solution, their quality, scope and any other material requirements.

Description of the manner in which calibration, validation and quality control of the solution are performed, where relevant.

4. Solution Capabilities

Details of the types of analyses, assessments, forecasts or simulations that may be performed using the solution.

Description of the outputs generated using the solution, including indicators, reports, maps, forecasts or decision-making tools.

Details of the capability to examine planning alternatives, future scenarios or the impact of changes in infrastructure, policy or the urban environment.

Details of capabilities for presenting outputs, including maps, dashboards, graphical illustrations, simulations or additional visualization tools.

Description of the solution's integration capabilities with information systems, GIS systems, transportation models or other systems.

5. Experience and Applications

Details of prior experience in implementing the solution in various countries.

Description of implementations carried out in large cities or metropolitan areas with similar characteristics.

Presentation of selected projects illustrating how the solution is used and the benefits achieved.

Project A

Project B

Project C

Details of the types of organizations or clients that have used the solution.

Presentation of insights, challenges or lessons learned during implementation of the solution.

6. Implementation and Deployment Requirements

Description of the principal implementation stages required for deployment of the solution.

Details of the computing, software, communications or any other infrastructure requirements necessary for operation of the solution.

Details of the professional knowledge, personnel or training required for implementation and operation of the solution.

Description of the manner in which the solution is maintained, updated and continuously improved over time.

Details of the customary contracting model, licensing model or manner of service delivery.

Description of a proposed pilot for the purpose of demonstrating the capabilities of the solution at Jerusalem Transport, including the proposed duration of the pilot, its scope, cost and the conditions required for its implementation.
