

REPORT

Summary of Market Dialogue

Södertörn Crosslink

March 2025



Swedish Transport Administration

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Konfidentialitetsnivå: 1 Non-sensitive

Dokumenttitel: Market dialogue 2025-03

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Dokumentdatum: 2025-03-21

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Illustration: Overview image of Duvberget interchange

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Market dialogue

Based on the results from the market dialogues' questions, the Swedish Transport Administration can now provide an overview of the market and highlight key issues ahead of the upcoming procurement of technical installations for Södertörn Crosslink.

Below is a summary from the dialogues:

- Market overview and trends
- Contracting forms
- Solutions, contractual split of content and conditions
- Critical success factors and risks

Market overview and trends

The suppliers interviewed agree that the market is characterized by strong trends in energy efficiency and digitalization. Many suggest that companies are increasingly prioritizing energy-efficient solutions, automation, and remote control. AI and simulation are being used to a growing extent for quality control and complex testing, which streamlines work processes and improves sustainability. Simulation of technical systems contributes to time and resource savings.

At the same time, there are challenges within the construction sector, where reduced utilization, increasing material costs, and delivery delays are common issues requiring new and innovative strategies. Regarding future trends, suppliers see a continued focus on sustainability, reuse, and the digitalization of infrastructure. EU directives are influencing security and IT, and the shortage of technical labor emphasizes the need for new skills in digitalization and sustainability.

Contracting forms

Among the suppliers interviewed, ABT is a popular choice as it gives the contractor responsibility for both design and execution, which promotes a holistic perspective and reduces the need for additional work (ÄTA). AB is also appreciated for its clear division of responsibilities, making collaboration smoother. ABK is considered by the suppliers to be suitable for early collaboration, for example, where product selection affects the design of the facility. A collaborative model based on AB/ABT, where the contractor is involved early, is seen as contributing to transparency, efficiency, and long-term solutions.

Solutions, contractual split of content and conditions

The suppliers emphasize that larger contracts with integrated technical systems are preferred, as they facilitate coordination and reduce fragmentation in projects. A geographic division of the project is not preferred, and instead, it is highlighted that a division based on technical systems makes project management easier. The suppliers are positive about Trafikverket providing certain types of critical materials to minimize risks. When it comes to procurement, quality, experience, and incentives for long-term stability are highlighted as important criteria.

Critical success factors and risks

The suppliers agreed that collaboration, balanced risk distribution, and flexibility in contracts are crucial for achieving success in the partnership. They also highlighted the importance of innovative incentive models as a way to create mutual benefits, as well as the significance of prequalification to ensure that the right skills and resources are in place. Close and continuous dialogue between Trafikverket and the suppliers was also considered an important factor in promoting collaboration and enabling continuous improvement. At the same time, the suppliers pointed out increasing material costs and potential difficulties with material availability as risks that could impact project execution and should be taken into account during planning.

Illustrative Excerpts from the Market Dialogues

Below are visual excerpts from the market dialogues, where we presented an overview of the project. Please note that the images are examples, and we cannot guarantee that all details will be included in the final project or that they will appear exactly as shown in the images. For updates and details on the program's progress, please visit our website: Startsida - www.trafikverket.se

Construction site overview



Trafikplats Duvberget, Overview from north-east



Entrance rocktunnels east of Glömsta

Construction site overview

Tunnels
 Masmo 750 meters
 Glömsta 1100 meters
 Flemingsberg 3200 meters

Operational areas/function segmentation
 18 surface areas
 8 tunnel areas

Dedicated stations/plants
 2 high voltage reception stations
 2 fire and sprinkler pressure water stations
 2 waste water treatment plants
 11 pumping stations

Included Technical Systems

Included Technical Systems

Facility management systems	ITS	Telecom- and security	Additional Systems
<ul style="list-style-type: none"> Power Distribution System Optical Fiber Network Local Communication Platform Plant Control & Monitoring System 	<ul style="list-style-type: none"> Incidentdetection Motorway Control Systems Variable Message Signs Barriers and lane closure equipment Static signs and roadside information 	<ul style="list-style-type: none"> Fire detection (tunnel and equipment rooms) Passage Control Systems Radio- and Mobiledistribution systems Emergency Phones ITV-system (Fixed and PAN/Tilt cameras) Public Access speakers and predefined message system 	<ul style="list-style-type: none"> Tunnelling Systems Tunnelventilation Systems Water and Wastewater management Systems HVAC Fixed Firefighting System
<p>Sensors</p> <ul style="list-style-type: none"> Smokedetektors Air quality and temperature sensors Air velocity and flow measurement Weather stations 			

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