



Market consultation document delivery and assembly line and destination displays combino trams

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1 Reader's guide

This is the market consultation document for delivery and assembly line information displays combino trams.

This document contains the following chapters:

Chapter 2: contains general information about GVB, about this market consultation and the timetable.

Chapter 3: contains the administrative conditions that apply to this market consultation.

Chapter 4: contains a brief description of the current situation and a vision for the future.

Chapter 5: contains GVB's questions for the market with regard to the market consultation.

Definitions

- Interested party: the participant in the market consultation

2 Introduction

GVB intends to hold a European tender for the purchase of delivery and assembly of ca. 600 line information displays on her 155 combino trams.

In anticipation of this, GVB wishes to hold a consultation round with market parties. This document has been drawn up for this consultation round.

2.1 Publication

This market consultation is published through TenderNed, the Dutch procurement platform and also automatically published on Tenders Electronic Daily (TED). All provisions set forth in this publication remain applicable and can be requested from <http://ted.europa.eu> and www.tenderned.nl.

If you wish to remain informed about further publications regarding this market consultation, such as any Summaries of Additional Information and Changes, then you must register on TenderNed and add this market consultation to 'my tenders'. See also the manual for entrepreneurs on Tenderned.nl. You can also email the contact person for this market consultation. The market consultation document will be sent to you by email on request.

2.2 Definition of a market consultation

A market consultation is used to improve, assess and/or further detail the quality of the contract documents or programme of requirements and the procurement process.

By using the knowledge and skills of parties, a public organisation can assess a proposed project and the accompanying preconditions for accuracy, completeness and feasibility. This allows the feasibility of the project to be determined and the preconditions under which the project should be carried out to be established.

The market consultation is a separate process that is carried out prior to a formal tender process. The market consultation is not a call for participation and is not part of a pre-qualification procedure. The information from the market consultation can be used to create a good procurement process. By having a good procurement process the probability of a suitable offer for GVB is greater.

2.3 Client

This market consultation is carried out by GVB

GVB provides public transport by tram, bus, metro and ferry in and around Amsterdam. The organisation employs around 3,750 people. GVB transports passengers with 56 bus lines (of which 12 are night lines), 16 tramlines, 4 metro lines and 8 ferry connections.

On average GVB carries out 740,000 passenger journeys daily. Passengers want to reach their destination on time, be informed and feel safe. The passengers are the key component in GVB's actions.

In addition to the operation, the management and maintenance of the equipment and the rail infrastructure in the city is in GVB's hands. Its own departments Railmaterieel and Rail Services take care of this.

GVB wants to see that its passengers and employees feel at home: in the means of transport, but also before and after the journey. That is why personal safety and up to date travel information are important, particularly in a busy metropolis such as Amsterdam. In addition to the means of transport, it is important that the environment is safe, clean and inviting.

For more information about GVB please visit our website: www.gvb.nl.

2.4 Aim of market consultation

The aim of this market consultation is:

- A. to involve interested parties in the set-up of the above tender and/or agreement at an early stage;
- B. to consult the market in relation to exploring the possibilities for the purchase of delivery and assembly of ca. 600 line information displays on her 155 combino trams;
- C. in addition to answering the questions raised, interested parties are also given the opportunity to submit suggestions and ideas.

GVB hopes by doing so that any tender organised and agreement entered into will be optimally tailored to the market.

2.5 Staging

The market consultation is divided into 3 stages:

- 1. An initial information round where interested parties can ask written questions which will be answered by GVB;
- 2. A written response to the questions raised by GVB;
- 3. An oral explanation to the questions raised with the corresponding answers; this will be done by holding individual talks. See also article 2.7; this stage is optional and depends entirely on the outcome or conclusion based on the answers given to the questions raised.

2.6 Reserve

GVB proposes the following conditions that are automatically accepted by the interested party on participation in this consultation:

- A. GVB will not reimburse costs associated with this market consultation in any way;
- B. GVB reserves the right not to follow up on this market consultation;

- C. GVB reserves the right, depending on this consultation, to choose a procurement strategy that is right and appropriate for it.
- D. The information provided can be freely used by GVB.

2.7 Process market consultation

The announcement of this market consultation "Renewal AVMS GVB" with the corresponding documents was published in accordance with the timetable in section 2.8 through TenderNed and also automatically published on Tenders Electronic Daily (TED). This means all interested parties have the opportunity to take part in this market consultation.

Up until the time indicated in the timetable there is still a possibility to ask questions in writing to clarify the market consultation, of which a Summary of Additional Information and Changes will be drawn up.

GVB would then like to receive a written response to the questions, which are in the chapter "Market consultation questions". The answers to the questions can be submitted until the time as indicated in the timetable. Submissions should preferably be made via the messaging module in TenderNed or else by email to the contact person mentioned in section 3.1.

Following these written questions and/or comments, GVB can proceed to requesting further information. This can take place by written questions or consist of further meetings, but this is not a requirement.

Consultation with parties will focus on mutual exchange of information. The parties concerned can put forward their ideas on the matter of the market consultation.

A confidential report will be drawn up of each meeting and submitted to the party in question for approval. GVB is not obliged to give detailed feedback to the participating parties.

The following persons will be present on behalf of GVB::

- Leon Schrage (Projectmanager)
- Wesley Teeuw (Maintenance Engineer)
- Leo Snel (Senior buyer)

In conclusion to the market consultation GVB will draw up an anonymised report outlining the findings. This report will also be published on Tenders.nl. The findings ensue from the answers to questions raised and from the meetings held.

2.8 Market consultation timetable

The timetable for the market consultation procedure is shown here below. GVB has posted an announcement for this market consultation on TenderNed. This is the formal commencement of the market consultation.

GVB reserves the right to make changes to the timetable and/or to depart from it; in such cases, communication with all interested parties will take place via TenderNed or, if necessary, by email.

Fase	Mijlpaal	Datum
1	Publication of announcement	November 23, 2020
2	Submit questions to clarify market consultation document	December 7, 2020
3	Draw up and send Summary of Additional Information and Changes	December 11, 2020
4	Submit answers, ideas and comments	January 8, 2021
5	Consultation rounds	January 13, 2021
6	Discuss completion	January 15, 2021
7	Complete market consultation	January 18, 2021
8	Prepare, send and publish final report.	January 20, 2021

- 1) Stage 5 depends on the outcome and/or conclusion based on the answers to the questions raised.
- 2) Stages 5 to 7 depend on whether stage 5 goes ahead or not.

3 Administrative conditions

3.1 Correspondence

The communication on this market consultation should always be in writing and take place via the messaging module in TenderNed or else by email to the contact person stating **Market consultation delivery and assembly line information displays combino trams**

The following contact person from GVB has been appointed for this tender:

Purchasing Department

Attn.: Leo Snel, Senior Buyer
Postal address: Postbus 2131, 1000 CC Amsterdam
Physical address: Arlandaweg 106, 1043 HP Amsterdam
E-mail address: leo.snel@gvb.nl
Mobile: +31 (0)6 130 98 289

3.2 Summary of Additional Information and Changes;

Any questions for clarification of this document can be submitted up until the time limit referred to in the timetable. For the submission of questions you should use the document in Annex 1 Standard Form for submission of questions.

These questions will be anonymised and answered in a Summary of Additional Information and Changes. GVB will post the Summary of Additional Information and Changes on TenderNed or send it by email if necessary to interested parties and it will be an integral part of the final report.

3.3 Same information

All parties have access to the same information. The publication of this market consultation and the accompanying documentation – market consultation document, Summary of Additional Information and Changes and the final report - are posted on TenderNed. In case of a call for tender the above documents will be shared with all the candidates.

3.4 Language

The language used in this market consultation will be English or Dutch. You are free to determine in which language you answer the questions.

3.5 Rights

No rights can be derived from the information provided in the context of this market consultation. All oral and written communication should be seen as general possibilities for the procurement procedure and the approach by GVB.

3.6 Confidentiality

You must treat the information provided by GVB as part of this market consultation confidentially. The obligation to observe secrecy also applies to your employees and the third parties to be engaged by you. GVB will of course also treat the information obtained confidentially.

3.7 Information provided

As indicated, GVB can use the information obtained from this market consultation to put the tender for delivery and assembly line information displays combino trams on the market. Therefore, all answers sent in by market parties in the context of this market consultation become property of GVB. GVB may freely share this information. GVB would greatly appreciate it if all questions are answered.

3.8 Status information

The status of the information is indicative.

3.9 Reporting irregularities

If a participating market party believes that information and/or a provision in this market consultation document and/or other documents is incorrect, unlawful or otherwise irregular, then the participating market party must notify GVB in writing of the alleged inaccuracy, unlawfulness or irregularity within fifteen days after receipt of the relevant market consultation document.

If a participating market party fails to notify GVB in the required manner on time then this participating market party forfeits any right vis-à-vis GVB insofar as related to the alleged inaccuracy, unlawfulness or irregularity.

3.10 Priority of documents

In geval van strijdigheid tussen de aankondiging van de marktconsultatie en voorliggend marktconsultatiedocument, dan prevaleert voorliggend marktconsultatiedocument.

4 Current situation and Vision

4.1 Background

The Combino trams were delivered to GVB by the company Siemens in the years 2003 and 2004, together with the current line displays which are still in use today. The trams are referred to as 13G and 14G, which are one-way (single-headed) and two-way (double-headed) trams respectively. Line displays are the displays that are visible from the outside of the tram (figures 1.2 to 1.5). The functionality of the line displays concerns the indication of the line (route) number and the final destination.

Due to the increasing repair costs for the displays, GVB has decided to execute a one-off renewal of the line displays for use during the rest of the lifespan of these trams in the next 12 to 15 years.

4.2 What is requested

Each tram has a line display at four locations, namely on the front, rear and both sides. These four line displays differ from each other. All four line displays of all 155 trams need to be replaced and the purchase of spare is also within scope of the PoR.

The contractor must be able to provide guarantees regarding the lifespan of the line displays and the minimum period during which GVB can have repairs carried out and during which the same line displays can still be purchased as new.

In general terms, the new line displays should:

- be LED-displays;
- be able to communicate over ethernet with the Generic ICT Vehicle Architecture (GIVA) information system of GVB; GIVA will control the line displays;
- function reliably while driving the trams;
- be safe for passengers and bystanders at all times and safe for personnel during maintenance and usage;
- be pleasant and healthy to work on and with;
- contribute to a positive experience of the traveler's journey.

GVB is looking for a party that supplies the new line displays, makes them fit and also installs them and sets them up for operation. The contractor should be able to carry out this complete replacement process as a project.

Having the complete fleet of trams operate with the new line displays is required by the end of the year 2022.

This PoR for the delivery, installation and commissioning of new line displays of the trams relates to four types of displays that are in use with the type 13G / 14G tram "Combino". It concerns 155 trams in total. The requested displays apply to:

- The GVB tram series referred to as '13G' (one-way tram) consisting of 151 trams;
- The GVB tram series referred to as '14G' (two-way tram) consisting of 4 trams.

The line displays show, from the different positions, information for the travelers about the tram, such as the line (route) number and the destination. The displays are installed in four different places in the tram. Figure 1.1 on the next page shows both the one-way tram and the two-way tram. Figures 1.2 to 1.5 show pictures of the current displays.

In the 13G (one-way tram) there are four different displays, these are:

- [aand. 3] front display one piece per tram;
- [aand. 5] rear display one piece per tram;
- [aand. 7] line number side display (road side) one piece per tram;
- [aand. 9] line and destination side display (stop side). one piece per tram.

The 14G (two-way tram) has not four but two types of displays because the front and rear of the tram are identical. This means the following two displays are present:

- [aand. 3] front display two pieces per tram;
- [aand. 9] line and destination side display (stop side) two pieces per tram.

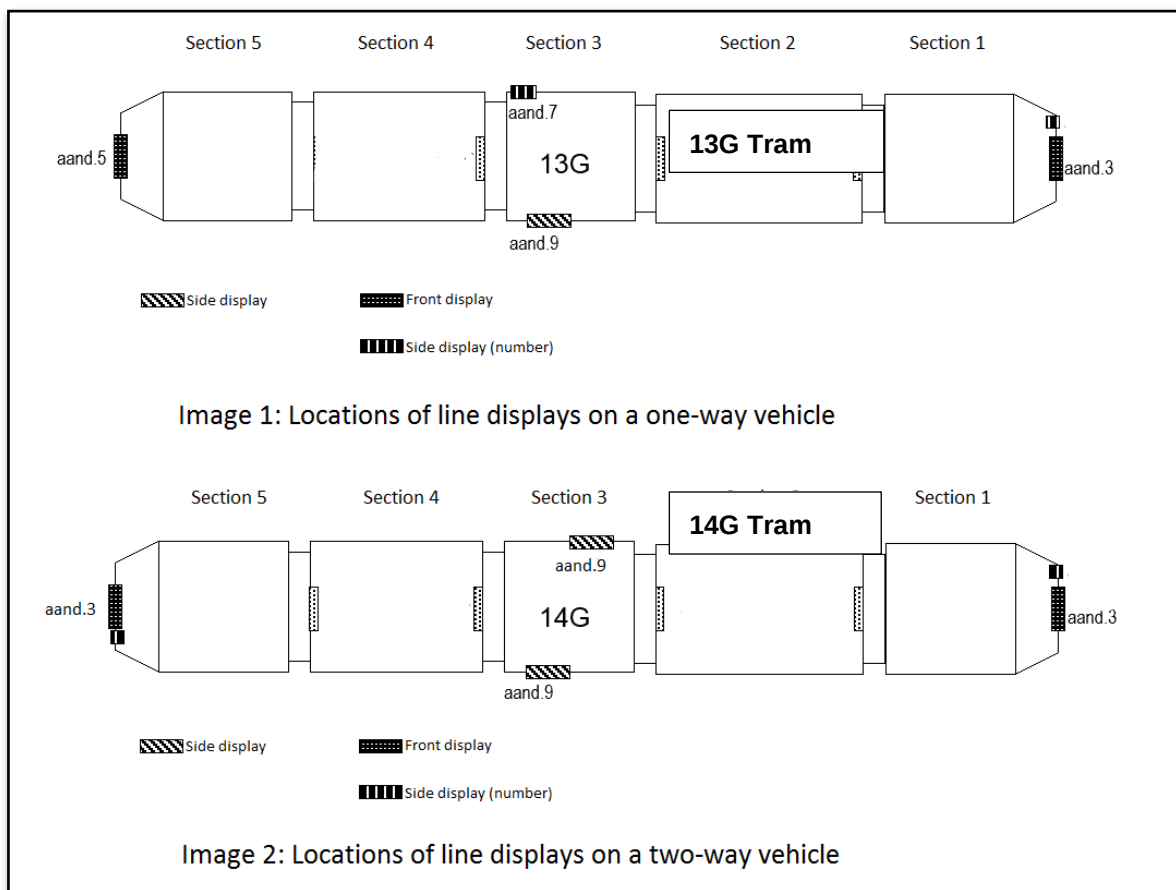


Figure 1.1: Installation locations on the 13G and 14G trams, respectively the one-way and two-way trams-



Figuur 1.2: Frontdisplay [aand. 3]



Figuur 1.3: Achterdisplay [aand. 5]



Figuur 1.4: Lijnnummer zijdisplay [aand. 7]



Figuur 1.5: Lijn- en bestemmingsdisplay [aand. 9]

The displays are provided with signals via the already existing, managed network on the tram. This network consists of a number of switches that are connected so that all peripheral equipment in the tram can be connected to this network.

All displays must be connected to network switches which are already present in the tram. This allows the displays to receive the necessary information via an Ethernet protocol. Below is an overview drawn displaying the locations of the switches (numbered light-green blocks 1 to 7 in figure 1.6).

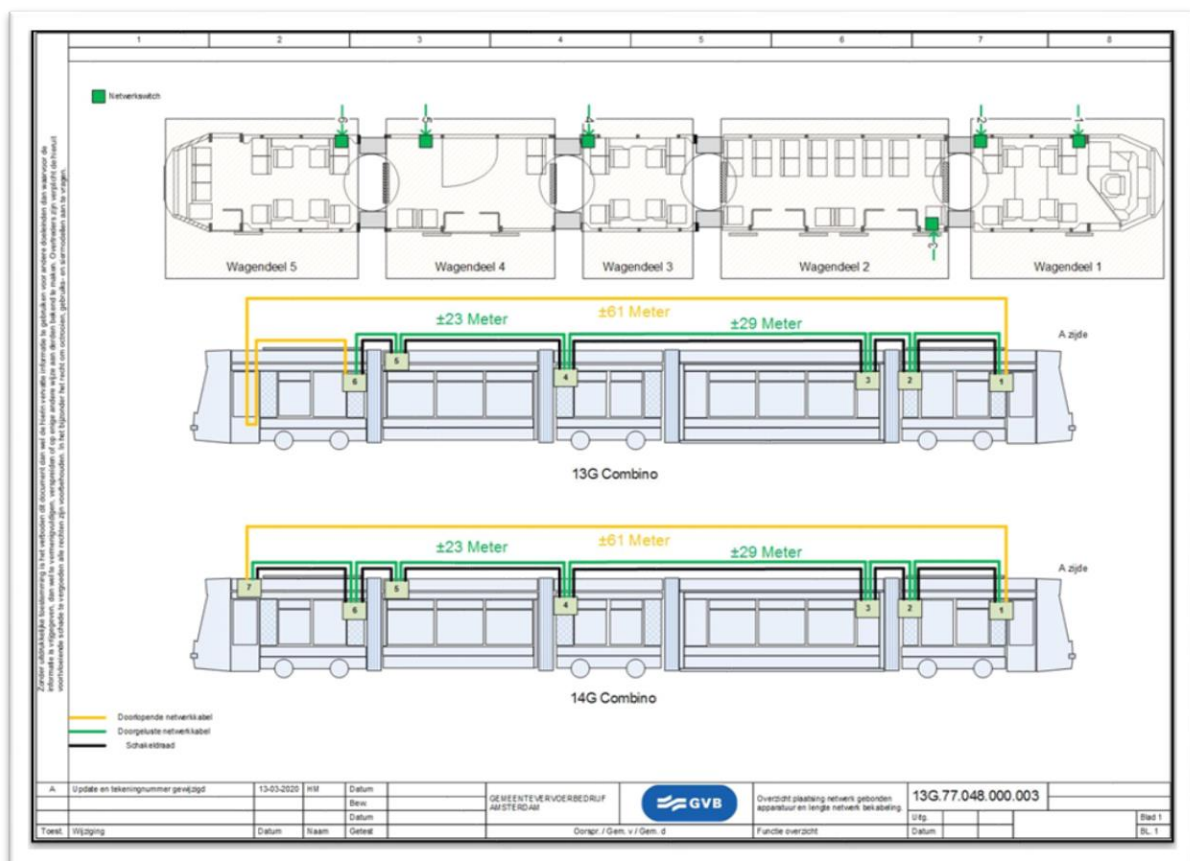


Figure 1.6: Locations of the network switches (numbered light-green blocks)

4.3 Specification of order quantities

The following quantities are requested for the 13G trams:

- Front display [aand. 3]: 151 pcs;
- Rear display [aand. 5]: 151 pcs;
- Line number side display (road side) [aand. 7]: 151 pcs;
- Line and destination display (stop side) [aand. 9]: 151 pcs.

The following quantities are requested for the 14G trams:

- Front display [aand. 3]: 8 pcs;
- Rear display [aand. 5]: n/a;
- Line number side display (road side) [aand. 7]: n/a;
- Line and destination display (stop side) [aand. 9]: 8 pcs.

Reserve stock:

- Front display [aand. 3]: 5 pcs;
- Rear display [aand. 5]: 5 pcs;
- Line number side display (road side) [aand. 7]: 5 pcs;
- Line and destination display (stop side) [aand. 9]: 5 pcs.

5 Annex

5.1 Annex 1 Standard form submission of questions

See enclosed editable MS WORD document on TenderNed

5.2 Annex 2 Market consultation questions

See enclosed editable MS WORD document on TenderNed

5.3 Annex 3 Program of Requirements for delivery and installation of outside line displays

See enclosed editable PDF documents on TenderNed

- Annex 3-1 GIVA-extern display-IRS v1.0.pdf
- Annex 3-2 GIVA platform requirements v3.0.pdf
- Annex 3-3 Voorbeelden richtingsborden.pdf
- Annex 3-4 Minimale eisen voor Plan van Aanpak