



ATTIKO METPO A.E.

**TITLE OF THE TENDER: “PROCUREMENT OF ROLLING STOCK FOR
THE THESSALONIKI METRO AND ITS
EXTENSION TO KALAMARIA”**

RFP-406/21, A.Σ. 134864

**CLARIFICATIONS
DOCUMENT**

CLARIFICATIONS DOCUMENT

This Clarifications Document is issued in accordance with paragraph 8.2 of the Invitation to Tender and it contains responses to the questions submitted within the prescribed deadline and electronically through the web portal www.promitheus.gov.gr of ESIDIS.

This Clarifications Document complements the tender documents, it is integrated therein, and is considered to be an integrated part of the Invitation to Tender.

RESPONSES TO QUESTIONS

Question 1

Article 15.1 of the Invitation to Tender refers as follows: “With regard to the competence for exercising professional activities, bidding economic operators must be registered in the relevant professional or commercial registry kept in the country where they are established and exercise professional activities similar to those of the contract scope...”.

Kindly confirm that, in case of economic operators’ association, its members should be registered in the relevant professional or commercial registry kept in the country where it is established, but professional activities similar to those of the contract scope can be exercised by at least one member of the association.

Response 1

It is confirmed.

Question 2

Kindly confirm that the requirements referred to in article 15.3.2 of the Invitation to Tender, in case of economic operators’ association, can be cumulatively covered by its members.

Response 2

It is confirmed.

Question 3

Kindly confirm that the document entitled “PERFORMANCE SPECIFICATION – TRAINS SERIES II” is the one referred to as “f. Document entitled “Performance Specification” in article 8.1 of the Invitation to Tender.

Response 3

It is confirmed.

Question 4

Document entitled “PERFORMANCE SPECIFICATION – TRAINS SERIES II”, article 2.5. Since the content of articles 2.5.5.1 and 2.5.5.2 does not present full compliance, kindly confirm the performance items to be taken into consideration.

CLARIFICATIONS DOCUMENT

Response 4

In article 2.5.5.2, the section of the sentence is deleted, as follows:

Under load conditions EL E – EL 5, the equivalent service deceleration from 80km/h to 0km/h shall be 1.20m/sec². This deceleration for the range of 70km/h to 10km/h shall be achieved only through electrodynamic braking ~~for a minimum load of EL E~~. For speeds outside the speed range (70-10km/h), deceleration shall be achieved through the assistance of trailed and motor bogies friction brake.

Question 5

Document entitled “PERFORMANCE SPECIFICATION – TRAINS SERIES II”. Article 2.5.10 “Performance Calculation” and, more specifically 2.5.10.3 refers to train resistance at gradient up to 5.4%; however, it is not clear in which part of the route it applies. Kindly confirm that it is acceptable for the performance calculation to be effected in line with the gradients shown in the project.

Response 5

First of all, the maximum gradient specified in article 2.5.10.3 is amended and is corrected from 5.4% to 5.8%. This gradient applies to Pylea Depot (without passengers). The gradients in the line are shown in Annexes A2-20 and A2-21 which have been made available to you.

Question 6

Document entitled “PERFORMANCE SPECIFICATION – TRAINS SERIES II”, article 7.2.2. Kindly give us more details. Our opinion is that the use of steps (ladder) should be avoided, so that evacuation in case of emergency be as simple and as quick as possible. The use of fixed steps on the car bodies, taking into consideration the restrictions related to adhering to the gauge, results in the use of ergonomic steps intended for train evacuation. In view of avoiding the above, kindly allow the use of folding steps to be integrated into the train.

Response 6

The use of folding steps to be integrated into the train is allowed.

Question 7

Document entitled “PERFORMANCE SPECIFICATION – TRAINS SERIES II”, article 8.1. The requirements related to door opening / closing duration are stricter than the provisions of standard EN14750. Kindly confirm that the implementation of the values’ range specified in EN 14750 is acceptable.

Response 7

The specifications apply. The distances between various pairs of stations in the Base Project of the Thessaloniki Metro are compatible with the time durations determined in this specification where train doors are closed.

Question 8

Conditions of Contract, article 34 (and more specifically, articles 34.1 and 34.2). Kindly clarify that the Contractor’s copyrights that shall be utilized for operation and maintenance purposes, as well as for any improvement, upgrading and modernization not exclusively related to the above, shall be agreed upon with the Contractor.

CLARIFICATIONS DOCUMENT

Response 8

Article 34.2 of the Conditions of Contract stipulating that "ΑΤΤΙΚΟ ΜΕΤΡΟ S.A. is entitled to unobstructedly exercise all powers ensuing from the copyrights, in the framework of its statutory purpose, to make them further available for improvement, upgrading, modernization, operation and maintenance of the trains" is in effect.