



ATTIKO METPO A.E.

**TITLE OF THE PROJECT: "EXTENSION OF METRO LINE 2 TO ILION,
EXPANSION OF ELEONAS DEPOT AND
UPGRADING OF THE E/M SYSTEMS OF THE
ATHENS METRO"**

RFP-421/22 (A.Σ. 192682)

TENDER TERMS AMENDMENT DOCUMENT

The Tender Terms Amendment Document complements the Contract conclusion Documents, it is integrated therein and constitutes an integral part of the Invitation to Tender.

Amendments to the Invitation to Express Interest

17.3.2 Experience in similar projects

Individual candidates or associations of economic operators must have executed projects similar to the projects under award, which have been performed through contracts concluded by the bidding physical or legal entity during the time period 2000-2023 and which relate to the following scope of works namely:

- a. Boring of an underground tunnel in urban environment using a Tunnel Boring Machine (TBM), boring of tunnel minimum overall volume: ~~140,000~~ 50,000 m³, cross section: single or double-track ~~as a minimum~~
- b. Boring of an underground tunnel in urban environment using conventional mechanical means, boring of tunnel minimum overall volume: 30,000m³, cross section: 100m² as a minimum.
- c. Construction of underground Metro stations or other urban underground works (such as car park facilities) at a minimum depth of 12m., using the Cut and Cover or the Cover and Cut method, minimum overall excavation volume of 50,000m³.
- d. Installation and commissioning of Metro ventilation systems, 1,200 KVA of installed power, as a minimum.
- e. Construction of Trackwork, 4,000m, as a minimum, of single track.
- f. Installation and commissioning of Metro traction power systems, 6,000 KVA of installed power, as a minimum.

In case of an **association**, the subject experience can be covered **cumulatively** by the members of the association.

17.5.3.2 Experience

The **engineering companies/firms** are required to prove that they possess **experience** during the time period 2000 - 2023 in the following design scopes (General Final Design and/or Detailed Final Design level) cumulatively:

- a. Design for the boring of underground tunnels in urban environment using a Tunnel Boring Machine (TBM), cross section: single or double-track, ~~as a minimum~~.
- b. Design for the boring of underground tunnels in urban environment using conventional mechanical means, cross section: 100m² as a minimum.

- c. Design for the construction of underground METRO stations or other urban underground works (such as car park facilities) at a depth of 12m as a minimum, using the cut & cover or the cover & cut method.
- d. Design of ventilation systems for underground METRO projects.
- e. Design of Trackwork.
- f. Design of Metro traction power systems.

20.2 Criterion 1: Experience in Civil Works

The experience in the construction of Civil Works, as per the following Table, is evaluated with this criterion:

	<u>Criterion 1: Experience in Civil Works</u>	Weight (%)
1.a	Construction of an underground tunnel in urban environment using a Tunnel Boring Machine, with a minimum cross-section of a <u>single or</u> double-track.	45%
1.b	Construction of an underground tunnel in urban environment using conventional mechanical means, with a minimum cross-section of 100m ² .	15%
1.c	Construction of underground Metro stations or other urban underground Projects (such as car parking facilities) at a minimum depth of 12m., using the Cut and Cover or the Cover and Cut Method.	40%
	Total	100%

Explanation of the scoring method

The above sub-criteria 1.a, 1.b and 1.c – which are incorporated in Criterion 1 – receive from 50 to 100 points, the minimum acceptable score being 50 points. Then, the scoring of each sub-criterion is multiplied by its respective weight, as shown on the above Table, and the overall total scoring for Criterion 1 results as the sum of the above.

Scoring – C1

The minimum requirements for sub-criteria 1.a, 1.b and 1.c that yield a score of 50 points are the following:

- (1.a) Construction of an underground tunnel in an urban environment using a Tunnel Boring Machine, boring of tunnel minimum overall volume: ~~140,000~~ 50,000 m³, cross section: a single or double-track ~~as a minimum~~.
- (1.b) Construction of an underground tunnel in an urban environment using conventional mechanical means, boring of tunnel overall minimum volume 30,000m³, cross section: 100m² as a minimum.

(1.c) Construction of underground Metro stations or other urban underground works (such as car park facilities) at a minimum depth of 12m, using the Cut and Cover or the Cover and Cut method, minimum overall excavation volume of 50,000m³.

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