

**INVESTMENT GENERAL DIVISION
PROCUREMENT DEPARTMENT**

SUBJECT: Replies to questions submitted regarding the terms of the Call TED 058/2021 for the procurement and installation of three standby power gensets.

Regarding this tender, replies to the submitted questions are provided.

1. Question

Paragraph 3.3 states: The achieved grounding resistance shall be $\leq 1\Omega$. The value is quite low for an area that was built as a result of backfilling and is located by the sea. It is possible that it cannot be achieved and it is certainly impossible to calculate. In substation 6 ΣΤ and in the existing 630 Kva genset, there is no earthing while in Substation 6A, a new earthing is going to be constructed for the entire substation. It is suggested to use the existing earthing system of the substations.

Reply

We agree to use the existing earthing of the substations given that the study conducted recently by an external repair crew established that the installation area of the new earthing is limited due to the crossing of MV and LV cables around the substations.

2. Question

In Paragraph Genset -PPC Switchboard, I am reporting that your engineers that accompanied me at the inspection, as I noticed myself, reported that in Substation 6ΣΤ, there is no switchboard and there is no space inside (the same applies for Substation 6E) to install one. It must be installed outside.

Reply

We agree to place it outside or inside based on your study.

3. Question

Paragraph 5 - Connection, states: The connection to the automatic switchboard will be made with cables whose number and cross-section are laid down in the study that the Contractor is obliged to carry out and submit in the tender bid. **Two cables of the above cross-section** will be installed in each phase. What do you mean by 2 cables being installed in each phase? Will the one be for backup? Will it have to be connected or not?

Reply

As indicated in the tender.

REMARK: No switchboard is required for the Genset of substation ΣΤ because load management is necessary before switching.

**The Procurement Department of
ThPA SA**

