Thessaloniki, 29/06/2022

PROCUREMENT & INVESTMENTS DIVISION

SUBJECT: Answers to questions submitted in the context of the open tender of ThPA SA 081/2022 for the Upgrade of Substation No. 6 of ThPA SA.

Following related questions, the following are clarified:

Question 1

How is 4x (J1VV-S 5x300) +250 interpreted in the cables from the transformer to the Main LV Switchboard?

250 is not a standard cable cross-section. Usually NYY 3//[3x(1x300)]+(2//1x240) + cu 2// (1x70) and alternatively NYY 4//[3x(1x240)]+(2//1x240) + cu 2// (1x70) are installed in a 1000kVA transformer

Reply

Interpreted as 3 phases +1 neutral as required due to the new standard. The cables will be XLPE Copper cable 5X300 / per phase + 5X300 / N and 240 grounding.

Question 2

Medium and low voltage cables will be copper or aluminum;

Reply

Medium and low voltage cables will be copper. Specifically, the medium voltage cables will be N2SXY type and the low voltage cables will be XLPE N2XH type.

Question 3

In the 4th Medium Voltage cable, will 2 terminal boxes (on both sides) be placed or not?

Reply

No. A moisture protection plug will be installed at both ends, and will be left in the cable routing shaft.

Question 4

Automation for protection against temperature rise for each transformer is not mentioned in the study.
Given the change of the Main LV Switchboard, would it be wise to calculate for all three (3) transformers?
A cabinet independent of the Main LV Switchboard is proposed, with audio and visual signage.

Reply

The proposal for the independent cabinet is accepted. Include designs and layout plans from the proposed table in the offer.

Question 5

Instead of presenting a letter of guarantee from a bank would it be acceptable to deposit the guarantee amount in your bank account or alternatively present a guarantee from the Deposits and Loans Fund?

Reply

Yes, it would be acceptable

Question 6

Will the technical specification & the MV digital upgrade topology be observed or the H.4 single-line diagram?

Reply

The technical specification & the MV digital upgrade topology will be observed

Question 7

Will current transformers be placed in the H01 arrival combiner?

Reply

Yes. They will be placed due to the need of measurement in the multi-instrument of the measuring point.

Question 8

Will voltage transformers be placed in the H01,03,04,05 arrival combiners?

Reply

No, they will not. The voltage transformers of the measuring point will be used.

Question 9

Will KEVA voltage sensors be placed in the H06,03,04,07.08 combiners?

Reply

No, not needed. The REF 615 and the multi-instrument M4M M30 will take voltage from the voltage transformers of the measuring point.

Question 10

Will voltage transformers be placed in the H06,07,08 combiners?

Reply

Yes, they will be placed so that we can have the necessary analyzes from the M4M M30 energy analyzer. In addition, an M4M M30 energy analyzer should be placed in the following points.
Gantry point 1-transtainer point- Substation 6B point (H06-H07-H08)

Procurement & Investments Division of ThPA SA