



Date: March 6, 2018

**Subject: Supply of Electrical Distribution Materials**  
**ICB No: Phase I-PETL 02/2018**

**Clarification No.1**

To all tenderers:

**Q1:** The Schedule of Requirements mentions that the outdoor terminations (Items B3 & B4) include Compression Terminal Lugs while the technical specifications require Mechanical Terminal Lugs with shear-head bolts. Please confirm which type of lugs is needed with the termination kits.

**A1:** The needed type of terminal lugs is Mechanical with shear-head bolts as mentioned in technical schedule of item B3 (point 10.1) & item B4 (point 11.1). Also for item B3, Insulating, Electrical Material and Rain Shed Brittle Temperature must be less than -40 C°

**Q2:** The technical specifications of Item B9, "Non-Metallic Direct Buried Fiber Optic Cable" mention all fiber types and there are no details of which type is needed neither in the schedule of requirements nor in the technical schedules. Please confirm which type of fiber is needed for this cable.

**A2:** The needed type of Fiber is Single Mode which is mentioned in technical schedules of item B9 (points 3.6 & 3.7).

**Q3:** The technical specifications and technical schedules of Item B9 don't provide specific cable construction. Please confirm if the construction of cable is with single layer construction or double layer construction.

**A3:** The needed cable construction is double layer and this specification is mentioned in the technical schedules of item B9 (point No. 4).

**Q4:** The description of Item B9 in the schedule of requirements says "Non-Metallic Direct Buried Fiber Optic Cable complete with all accessories needed to be installed". We understand that the technical specifications require supplying the fiber optics cable in 2000 meters reels; since the total item quantity is 50 km, this



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means that the quantity of splices needed is 24 Pcs for 25 reels. Please confirm that the only accessory needed is the splices and that the quantity of splices is 25 Pcs only.

**A4:** All the accessories are necessary for installing continuous and functional fiber optics channels with splices, the number of splices equal to the number of drums plus twenty splices kits and should be as per the international standard. Also, the number of splices will differ based on the total drum length.

**NOTE:**

For the conflict between the tender guarantee values in the contract notice and the bidding document\_ VOL 1\_ITT, you must consider the following values which were mentioned in the contract notice as follow:

- LOT 1: (EUR) 12,000
- LOT 2: (EUR) 55,000
- LOT 3: (EUR) 20,000
- LOT 4: (EUR) 30,000

With Best Regards,

Eng. Abdul Hadi Barakat

PMU Director



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