

Thessaloniki, 26/11/2008
RS/PRO/2008/1344

OPEN INVITATION TO TENDER
AO/RES/SAN/Network Equipment/027/08
‘Acquisition of Network Equipment and Associated Services’
REQUEST FOR CLARIFICATIONS (3) – QUESTIONS AND ANSWERS

One tenderer requested the following clarifications:

Question 1:

Please advice on the following issues:

- A.** Having in mind that OM3 fiber is only available as 50/125 core size, we cannot provide a 62,5/125 solution for fiber optic cable or patch cord.
- B.** Apart from providing the above cables are we requested to perform cabling pulling works? Is cabling infrastructure (cable trays, channels, boring holes etc) required?
- C.** Are the cable lengths mentioned in the request accurate? Should we provide a price for terminated cable, or separate prices for cabling and termination works.
- D.** At page 9 there is a diagram presenting two alternative 10 Gps connections using copper or fiber cabling. Although there is no requirement for 10 Gps copper cabling, should we provide an alternative offer?

Cedefop’s clarification to Question No. 1

Part A.

We need OM3 50/125 fibre optic cable installations for the distance of 50-100-150m. The Fibre optic cable patch cords have not been specified as an exact type of cable that should be offered (i.e. 62.5/125 or 50/125). Tenderers may give the prices for either of the two types of fibre optic patch cord cables, but the price for the type of cable offered will have to be indicated.

Part B.

The answer to the first part of the question is YES, the answer to the second part of the question is NO.

There are already pathways with existing cabling (fibre or copper) in all the locations where cabling was needed. Additional channels, cable trays or boring holes are not necessary. Yet if we were to order two 6 pair fibre optic cables to be installed between two of our local patch panels, the tenderers would have been required to offer also the fibber optic patch panel where the terminators would be installed at.

Part C.

The cable lengths for the patch cord cables are accurate. If the tenderer does not have the required length then he will have to refer to the next available one and indicate the price of the patch cord specified by the tenderer in the table. The cable lengths of the longer than

patch cord cables, (i.e. 50, 100, 150, 90 m length) shall be indicated according to our specifications. If the tenderer installs a cable that is 120 meters long we will be charged with the price of the 150 meters long cable. The actual cost per meter is very little in comparison to the cost of the overall technical work for the complete installation, termination and certification of the cable.

Part D.

The indicative schematic diagramme of page 9 presents both copper or fibre cables to the locations where the Central core switches will be in very close proximity with the access switches (i.e. ≤ 15 meters). In these cases copper cables can be used for these connections instead of fibre optic patch cords.

Question 2:

Regarding the wireless access points please advice on the following issues:

The operating frequency of the requested antennas for the wireless access points is not specified, having in mind that the requested access points should be able to operate in 2.4GHz and 5.4GHz bands could you specify the required frequency and additionally the foreseen antenna gain?

Cedefop's clarification to Question No. 2

For your information, the aeronet access points, which currently operate at the Centre, are equipped with 2.4 Ghz antennas. As far as the foreseen antenna gain is concerned, this is one of the questions that the tenderer should answer by indicating in his offer the foreseen antenna gain and other details of the models and types.(page 30, questions 6 and 9)