
TO: All Bidders

DATE: 16 October 2023

TEL. NO.:

EMAIL:

FROM: Sally Alvarez de Schreiner
Chief, Procurement Services Section

REF.: ITB 2023-0142/SANZ

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SUBJECT: Clarifications No. 1 – ITB 2023-0142/SANZ: Supply and installation of additional fibre cables for the Data Centre Fiber Infrastructure Expansion

Dear Bidders,

Please find attached Clarifications No. 1 related to queries raised by bidders during the mandatory site visit in respect to ITB 2023-0142/SANZ - Supply and installation of additional fibre cables for the Data Centre Fiber Infrastructure Expansion.

Furthermore, **the deadline for the submission of bids is hereby extended to Tuesday 24 October 2023, 17:00 hours, Vienna (Austria) local time.**

We are looking forward to receiving your bid prior to the extended deadline on 24 October 2023, 17:00 hours, Vienna (Austria) local time.

Sincerely,



Sally Alvarez de Schreiner
Chief, Procurement Services Section

Attachment:

- *Clarifications No. 1 – Questions and Answers*

Clarifications No. 1

Item#	Question	Commission's answer
1	The product 760169193, was discontinued on supplier side. Replacement products available „760236362“. Is that acceptable on your side?	Yes, as per Technical specifications #3.1 table line 1, the replacement product is acceptable as long as it is providing the required functionality.
2	A trunk cable type 50/125, OM4, with the connectors 12MPO (on both sides) will be plugged into each module, the other end will be plugged into the new optical patch panel (760236362) mounted in „server racks“. It is therefore a trunk cable contains 12 optical fibers. So there should be installed 4x 12MPO new trunk cables per rack. Please specify the length of those trunk cables.	Trunk cables Type 50/125, OM4, and end connectors MPO12 are correct and the trunk cable lengths are estimated between 10 and 20m or as may be otherwise confirmed in the Contractor's Bid, as specified in the Technical Specifications #3.
3	It would be useful to specify the exact Commcode of the trunk Considering multiple crossing methods.	CTBTO specified the type of the trunk cable in Technical Specifications #3.1. It is up to bidder to propose the Commcode. As specified in the Technical Specifications #3, if needed, trunks shall have fibers crossed once, so the standard straight patch cables can be used.
4	In case of using "trunk cables" there should be no "splicing" but patching into the optic panel.	See #2 Scope of Work in the Technical Specifications. Working connection from racks to the central rack are needed. How it will be connected would depend on the type of patch panels used.
5	Based on the listed products, are you aware that the modules and optic patch panels will have front interface consist of MPOs?	Yes.
6	How many MPOS should there be by rack?	As stated in the Technical Specifications #3.1, table line 3 - There should be 8, (4 to the one core network rack and 4 to the other).
7	Do you have floor plans?	Floor plans are not available.
8	Will the labelling be provided??	The labelling code shall be prescribed by the Commission as stated in the Technical Specifications #2.3

Clarifications No. 1

9	How will we access to the data Centre ?	Access will be arranged by Data Centre staff.
11	How many fiber optics are required per cable?	The trunk cables shall be of Type 50/125, OM4, and end connectors shall be MPO12 supporting up to 100G transfer rates with Cisco QSFP28 100G (QSFP-100G-SR4-S), as specified in Technical Specifications #3, table line 4.
12	From each rack, 1 cable has to be connected to each site	Please refer to the table in Technical Specifications #3. At least 1 cable per core rack, depends on the type of equipment).
13	How many new cables are required?	Please refer to the table in Technical Specifications #3.