Questions from vendor

a) What is the maximum latency allowable among customer ends, in particular to voice, data (AMHS) and application (ATM)
b) Any focal point of hub is required within the network, e.g. Hong Kong as a hub
c) What is the access path that is allowed to access each router end for monitoring services? We could only provide the monitoring via SNMP without firewall blocking
d) What is the impact of MTU = 1500 instead of 1550?

Answers

a/ The maximum latency will be defined per application in the framework of the sealed tender that may follow the RFI. Meanwhile please use the site schedule to provide your actual performance per country. However for voice, you can already note that pending these requirements, Eurocae document ED-136 [1] gives the following indication:

[REQ VOICE QUALITY] One-way voice delay (telephone)<150ms
The one-way voice delay for ground-ground communication between CWPs located within the same or different ATSU's **SHALL** be less than 150 ms, in compliance with ITU-T recommendation G.114 (05/03) [49]

b/ The design would be discussed during the sealed tender that may follow the RFI. While the current AFTN network design includes hubs, you may note that the design will have to accommodate constraints/requirements stemming from different applications.

c/ As it is a managed service the end router would be your own equipment.

d/ The design would be discussed during the sealed tender that may follow the RFI.

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[1] VOICE OVER INTERNET PROTOCOL (VOIP) AIR TRAFFIC MANAGEMENT (ATM) SYSTEM OPERATIONAL AND TECHNICAL REQUIREMENTS