

TENDER FOR THE SUPPLY, DELIVERY, COMMISSIONING AND MAINTENANCE UNDER WARRANTY OF THIRTEEN (13) SETS OF QUALITY OF SERVICE (QoS) MEASUREMENT SYSTEMS

Questions & Answers

No.	Question	Answer
1	<p>Clause 40.1.1.3:</p> <p>Must ensure interoperability between the proposed QoS measurement systems and MCMC's existing QoS measurement systems namely Nemo Walker Air.</p> <p>i) What is the definition of interoperability and its coverage?</p> <p>ii) Will other solutions besides Nemo be considered?</p>	<p>i) Interoperability means the capability of the proposed QoS measurement systems to be integrated with MCMC's existing QoS measurement systems namely Nemo Walker Air.</p> <p>ii) Yes, as long as other solutions can be integrated with MCMC's existing QoS measurement systems namely Nemo Walker Air.</p>
2	<p>Clause 40.1.1.13:</p> <p>Shall be able to support VoLTE, ViLTE and VoNR calls and measurements.</p> <p>i) Currently FW for VoNR/ViLTE is not readily available for the UEs in the market. Are future support and readiness acceptable ?</p>	<p>Future support is acceptable for VoNR and ViLTE only.</p> <p>For VoLTE, is a must have requirement. Need to clearly specify in the contract on the software/firmware update to be available immediately upon the network/ue readiness</p>

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3	<p>Clause 40.1.1.31:</p> <p>Shall be able to collect geographical coordinates with the internal GPS receiver or Bluetooth GPS.</p> <p>i) Would both be required or can we choose either one of the settings i.e either internal GPS only or Bluetooth GPS only.</p>	<p>Can choose either internal GPS OR Bluetooth GPS.</p>
4	<p>Clause 40.1.1.32:</p> <p>Shall be able to support for indoor maps with markers and geodetic coordinates i.e. iBwave maps.</p> <p>i) What is the definition of "geodetic", would iBwave maps suffice?</p>	<p>Geodetic means locations are described in terms of latitude, longitude and height.</p> <p>Yes, iBwave maps suffice.</p>
5	<p>Clause 40.1.1.38:</p> <p>Shall be able to transfer the measurement software license to another devices when requested by the MCMC without any additional cost</p> <p>i) Is the cost of new device considered or only the transfer activity?</p> <p>ii) How many devices does MCMC foresee to migrate to ?</p> <p>iii) What is the timeline considered ?</p>	<p>i) Transfer activity.</p> <p>ii) Up to 13 Master units and 78 Slave units.</p> <p>iii) Tenderer to propose.</p>
6	<p>Clause 40.1.1.40:</p> <p>Slave unit shall support auto backup of the logfiles from internal storage to external storage.</p>	<p>This requirement is to automate the logfile storage from the UE internal storage to the UEs sd card. This is to safe guard the logfile in case something happened to the UEs during field measurement.</p>

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	<p>i) What is the definition of auto backup here refers to ? Most system would require the user to initiate the backup process.</p>	<p>Have to show that the system is able to backup logfiles to external drive (i.e. SD card). Also shows whether the backup can be done automatically or user initiated.</p>
7	<p>Clause 40.1.1.41:</p> <p>Master and Slave units shall have valid MCMC label and certified by SIRIM.</p> <p>i) Some UEs are not available yet in the Malaysia market due to the 5G readiness and needs to be procured externally, can generic global certification bodies like FCC / CE be accepted?</p>	<p>Compulsory to have the UEs certified by SIRIM. This is to ensure the UE used for measurement is the official device sold in Malaysia and support all the frequency bands.</p>
8	<p>Clause 40.1.2:</p> <p>Post Processing Software: Each set of the QoS measurement systems shall comprise of one (1) Post Processing Software. Hence, Successful Tenderer shall supply thirteen (13) Post Processing Software in overall that meet at least the following minimum technical specifications:</p> <p>i) Would it be acceptable for the Master Post Processing Software to be located in a centralised server which can be recalled independantly from the 13 systems via LAN/internet connection ?</p>	<p>Not acceptable. As specified, there has to be 13 post processing software to be installed and used with the 13 laptops provided.</p> <p>Proposal for Master Post Processing software will only be consider as a secondary option. Need to provide detail system requirements of the system including all applicable licenses, license type, server specifications, server locations (cloud based/hardware), connection requirements, system architecture, all costs etc.</p>

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9	<p>Clause 40.1.2.9 : Shall be able to able to keep 10,000 drive test logfiles on a standalone installation in a regular laptop with disk footprint less than 3GB</p> <p>i) What it the definition of "disk footprint" here refers to?</p>	<p>Disk footprint means the storage size for every 10,000 drive test logfiles shall be less than 3GB.</p>
10	<p>Clause 40.1.4.11: Shall be able to link the laptop to all thirteen (13) sets of QoS measurement systems.</p> <p>i) Is there a requirement for all the 13 sets to be linked simultaneously to the laptop or performed one by one per need basis?</p>	<p>Not require to link all 13 sets to the laptop simultaneously, but will have no problem to connect to any of the 13 sets of master and slave units.</p>