

Clarification to Pre-Bid Meeting

Date: 16/05/2023

Ref: GeM bid no. **No. GEM/2023/B/3333044** dated **27-04-2023**

Clarifications regarding queries raised by participants during pre-Bid meeting for supply of Application-Level Traffic Generator for the aforementioned GeM Bid, conducted on 11-05-2023, 11:00 AM through online manner are provided below:

Technical Specification Clause	General requirements	Bidder Query	Clarification
1	Test Equipment should be chassis based with a minimum no. of two slots	The bidder told that "Chassis provides only processing power and instead the same solution can be provided on any COTS server which can be upgraded in future also." The bidder asked whether such product/solution is acceptable for this bid.	Traffic generator is usually an appliance-based tool wherein Chassis is the hardware component that contains motherboard along with network interfaces. Usually for better performance appliance-based tools are preferred. Here the requirement is to have dedicated appliance with two slots for line cards for redundancy or augmentation of capacity if needed. Accordingly, there is no ambiguity in the requirement.
44(j)	Network Resiliency Test	The bidder said that the requirement is not understandable and more details may be given about this requirement.	Network resilience testing is a sort of stress testing that involves scale and performance test for a long duration. The objective is subject the equipment to stress for long time and check any memory/CPU issues.
20	Support one arm testing and 2 arm testing	The bidder told that the requirement is not understandable and more details may be given about this requirement.	1 arm Testing- on 1 port to simulate only client to test the Server e.g., Application Server. On the other hand, 2 arm testing use 2 separate ports where 1 port for client simulation and other for server simulation. Basically 1 arm testing is used for testing end devices like Servers and 2 arm testing is for testing transit devices like Firewall where traffic is needed from both the sides.
45	Same Solution should also help user in Automating the DUT and Traffic generator together without writing any scripts	The bidder told that they can give the IP address of the DUT and can generate and send traffic to the device under test. What is the expectation from us, whether any automation framework for the DUT or is limited to calling the DUT APIs.	Options should be there to automate test-cases with different options in the traffic generator software GUI so that additional scripts are not required for automation. GUI software should support these automation features.

45	Solutions should support more than 30 different Session types to connect DUTs for ex. CLI, SSH, Telnet, Netconf, SNMP, Ranorex, Selenium, VNC Client, REST, Web services, etc.”	The bidder told that whether it means different types of ipflows or sessions such as email, fakebook etc.	It is not different types of ipflows sessions. It is clarified that solutions should support more than 30 different Session types (i.e., types of connectivity) as mentioned in the requirement to connect the DUT from the traffic generator to run the test in an automated way.
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