



**CLARIFICATION / ADDENDUM SET "3"**

06<sup>th</sup> February, 2020.

To all Prospective Bidders,

**TENDER NO. KRA/HQS/NCB-049/2019-2020– SUPPLY, DELIVERY,  
INSTALLATION AND COMMISSIONING OF DATA CENTRE SERVERS AND  
DATA RACK SWITCHES**

Kenya Revenue Authority wishes to inform prospective bidders of the clarifications highlighted below for the tender for Supply, Delivery, Installation and Commissioning of Data Centre Servers and Data Rack Switches.

| No | Section/description in the tender             | Bidders question   | KRA Response  |
|----|---|--|---|
| 1. | Blade Enclosure                               | Please confirm if the enclosure modules for 10Gbe , are they to based on SFP or RJ45   | Blades enclosure module for 10Gbe should be based on SFP  |
| 2. | Blade Enclosure                               | Kindly advise on how the storage processor from Hitachi and VNX will be connected to the enclosure   | Connection to storage will be via cisco MDS SAN SWITCHES (FC 8/16G)   |
| 3. | Blade Servers                                 | Kindly confirm the processor model as the existing Xeon® processor E5-2600 v4 product is not available. Kindly also confirm the Cache as none of the current processor families scale to 40MB for 16 cores | Bidders can propose the latest processor available the requirement is minimum 18 cores per processor refer to clarification set 2 No. 1 & No 15 |
| 4. | Blade Servers                                 | Please confirm the DIMM slot on the Half height blades can we configure 64 x 16 to get to the capacity   | Configuration should consider future upgrades, memory should scale up to 6TB ,Higher capacity DIMMS therefore preferable                        |
| 5. | High Performance Intel Servers                | Kindly confirm the processor model as Intel Scalable Family doesn't support Windows 2008 unless virtualization is used   | Bidders to provide latest processor refer to clarification set 2 No.15  |
| 6. | Data Rack Switches                            | Please advise on the No of 10Gbe SFP and the type of SFP to be used for data center switches (switch optics)   | The rack switches uplinks ports(SFP) to be fully populated the 10Gbe should be (RJ45)   |
| 7. | Blade Servers, High Performance Intel Servers | Kindly advise if the servers and the blades will be connected to these Data Center switches .If so should they have 10Gbe based on RJ45  | The high performance servers will be connected to the data rack switches RJ45 ports   |



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| No  | Section/description in the tender | Bidders question  | KRA Response   |
|-----|-----------------------------------|---|--|
| 8.  | General                           | Will KRA provide the Necessary for LAN and SAN cables   | Bidders to provide accessories                       |
| 9.  | General                           | Please advise on the location for the blades and Rack Server, switches                                | Refer to 7 above                                     |
| 10. | General                           | The blades servers will require additional Rack apart from two racks mentioned in the Price schedule. | Yes please refer to clarification set 2 No 1 & No 19 |
| 11. | General                           | Please advise on the Rack Specification for the RACKS mentioned in the price schedule                 | Standard 42U rack refer to clarification set 2 No 1  |

Clarification set 2 No. 3 has been revised as per the new requirement below.

**Table 2: New Requirement for Blade Centre Servers – Blade Servers**

| No. | Title                                   | Item Description   | Previous Requirement  | New Requirement  |
|-----|---|--|---|--|
| 1.  | A. Blade Centre Servers – Blade Servers | (a) Item No. 6 (I/O Mezzanine):<br>2 x PCIe 3.0 (x8) mezzanine cards<br><br>(b) Item No. 8 (Adapters):<br>2x 1 Gigabit Ethernet ports, 2x10 GB Ethernet ports, that support network virtualization, 2x16G FC HBA | The requirement is for 2x(1/10GB) Ethernet port and 2x16GB FC ports per blade | KRA is looking for 4x10 GB Ethernet port and 2x16GB FC ports per blade |

Bidders are advised that this is the final set of clarifications in line with Section II (Instruction to Tenderers) sub section 2.4.1 of the tender document.

This Clarification form part of the bidding document and is binding to the bidder. All other terms and conditions of the tender remain the same. Prospective bidders are therefore required to immediately acknowledge receipt of this addendum through [eprocurement@kra.go.ke](mailto:eprocurement@kra.go.ke)

Regards,

**Benson Kiruja**

**For: Deputy Commissioner - Supply Chain Management**