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وبراغير هو رسيدا موسودی و و برفرمدخ

## **CLARIFICATION 1**

مومرور شاشر 1

No:	TES/2022/G-017  Procurement of ICT Equipment	
Project:		
ورر Issued Date	22 <sup>nd</sup> February 2023	
3/3/2 5/3/-	30.3.0	ره د د و مادرسر
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وهُ دَمَرُنْدُوْرِدَ وِ دَسَوْتُ يَرِيدُوسُ عَبِهِ مِنْ دَمَرُنْدُوسُ غَرِهَ مَهُ مُدَوَّدُ فَاللهِ Please include this addendum when submitting the bid .

# > Attached with, please with

Answers to the queries raised with regard to the project

سرنثر

Name: Aishath Nadheema



# Response to the Queries

Query	Response
1.Storage – 2 x Enterprise SAS 4TB - What is the required HDD type? (Ex: 7.2k NLSAS or 10k SAS). The SAS 10k max available capacity is 2.4TB.  2.Assumed mentioned capacities are per drive capacity. Please confirm. SAS 4TB / SSD 2.5TB / SAS/SATA/SSD 8TB	1.Minimum 8TB (SAS 7.2K rpm or above)  2.Per drive capacity
3. Which Servers are connected to SAN from Server Type 01 & 02?	3.Server Type 01
Please mentioned required connectivity media for SAN connectivity? (ex: FC 16GB / 10GB ISCSI / 12GB SAS)	4.Choice of vendor
Re: Lot 3 and 4 (Desktop Computer System, Laptop, Tablet and Video Conference system and Printers).  1. Since items in the Lot 3 and 4 requires Manufacturer Authorization Letters from multiple vendors. It will be very difficult for the suppliers to acquire Multiple Manufacturer Authorization Letters from different vendors. Hence, Please remove Manufacturer Authorization Letter's requirement from Lot 3 and Lot 4.	1.Manufacturer Authorization is required for Lot 1, 2 and 4.
1.LOT 01 – Clarifications All items require installation and commissioning. Please specify the location where the equipment needs to be installed and commissioned.	1.Items will be installed in Male' (all items will not be installed in Roashanee Building). Where any item is installed in an Island, vendor is expected to provide remote support in commissioning.
2.Item Number 2 (Server Type-02) requirement for 2 x Enterprise SSD 2.5TB is not an industry standard SSD drive capacity. Industry standard SSD drive capacities include 400GB, 800GB, 960GB, 1.6TB, 1.92TB, 3.2TB, 3.84TB, etc. Please specify the correct SSD drive capacity required.	2. Any capacity 2.5GB or above is acceptable as provided in the minimum specifications.
3.Item Number 2 (Server Type-02) requirement for Network includes 2x40GBe. Does the installation location (Ministry of Health) have uplink switches capable of for 40GbE connectivity? If not, is this connectivity option really needed?	3.Servers with matching or higher specifications included in server Type 2 are required.
General – Clarification  1. The Post qualification Requirements (ITB 37.1) in page 44 as highlighted below is contradictory.	1. Separate Post qualification requirement is given for "If Bidder is the manufacturer" and "If Bidder is not the manufacturer".
2. The Latest Delivery Date (90 days from the contract signing) requirement in List of Goods and Delivery Schedule is not	2. For this contract The Latest Delivery Date is 90 days from the contract signing.

possible for most of the items in all LOTs given the current global market situation with critical materials like chips and raw material shortage. Current delivery dates exceed over 120 days for most the items. Please allow for more realistic delivery dates considering the current market situation.

1.Regarding BID (IUL)13-K/13/2022/380, if Manufacture's Authorization is mandatory only two parties can submit the BID. is there any possibility that we can submit the BID let us know. Waiting for your reply at the earliest.

1.In addition to below clarifications, I would like to verify the power of attorney full fills requirements mentioned on ITB 11.1 (j), f. Power of Attorney to confirm authorization of the signatory of the Bid to commit the Bidder, in accordance with ITT Clause 20.2.

1.Manufacture's Authorization is only needed for Lot 1, 2 and 4.

1.Please follow the instruction given in the ITB 11.1 (j), f.

## Technical Clarifications regard to LOT 03:-Desktops –

1.Processor: Customer is asking for a 12 th Gen Processor with a 3.00Ghz Clock and 4.4Ghz Max Turbo, however the processors available are with 2.5Ghz Clock Speed and 4.4Ghz Turbo Frequency or with 3.0Ghz Clock Speed and 4.60Ghz Turbo Frequency. Both processors come with a better cache memory of 18 MB Smart Cache, so I would appreciate it if you could confirm which processor the customer will accept.

- 2. Memory: The customer requests a 16GB memory (8GB x 2 dims); this will utilize both memory dims in the PC and will not have room for more expansion. Therefore, if quoted with a single 16GB dim, will the customer accept it? please check with the customer and confirm on the same.
- 3. Form Factor: PC Form Factor is not mentioned in the Required specification. Generally, PC Manufactures have two form factors on PCs, 1. Small Form Factor and 2. Tower Form Factor. A small form factor computer is a computer designed specifically to take up a minimal amount of space but still achieve high functionality, the same as a tower form factor PC. Therefore, please advise if the small form factor PCs will be accepted if quoted for this tender, as no form factor is mentioned in the required specification.

- 1.If the processor included in the items meet the minimum specification or better than the minimum specification (generation, base frequency, smart cache) all items are accepted.
- 2.Minimum of 16Gb memory (8GB x 2 dim) are required as in the specification.
- 3.Small form factor and tower form factor towers are accepted. However micro and mini formfactors are not accepted.

#### Notebook -

1.Processor: The customer is asking for a 12th Gen i5 processor with a 1.6 GHz clock and 6 MB of cache. However, on the notebooks, the 12th Gen i5 Processors start with a 1.3 GHz P-Core Clock Speed, a 4.4 GHz P-Core Max Frequency, and 12 MB Cache. Hence, we would appreciate it if the customer could accept this processor on their notebooks.

1. The processor must meet the minimum requirement (processor generation, base frequency, smart cache).

Tablets -





1. Customer is asking for Wi-Fi 6, Kindly check if this is a must as most of the Tablet supports up to Wi-Fi 5 (801.11AC) and Only Few Tabs in the Market are available with Wi-Fi 6 (802.11AX). Incase if this is a must, we can offer a model with Wi-Fi 6. However, if this considered as a minor deviation, we could offer a lower priced tablet. (it's the same with other major manufactures too, hence, better get this too clarified).

1.Wi-Fi 6 must be available in the items as included in the specifications.

### Technical Clarifications regard to LOT 04: -Multi-function Printer: -

1.Printing Method: - Monochrome Laser Printing or Color Laser Printing

1. Monochrome laser printing.

Three in one small printer: -

2.Printing Method: - Monochrome Laser Printing or Color Laser Printing

2. Monochrome laser printing.

#### Other Clarifications

Post Qualification Requirement (B) If Bidder is not the manufacturer. If a Bidder is not a manufacturer, but is offering the Goods on behalf of the Manufacturer under Manufacturer's Authorization Form (Section IV, Bidding Forms) or any document Manufacturer provided to the bidder to distribute the goods on behalf of the manufacturer and the Bidder shall demonstrate that it has successfully completed at least 02 contracts of similar goods each with a value of at least 500,000.00MVR for lot 1, 200,000.00MVR for lot 2, 250,000.00MVR for lot 3 and 150,000.00MVR for lot 4 in the past 05 years

1.Do we have to demonstrate successfully completed contracts of similar goods for each lot separately?

2.For LOT 03, I would like to know will you be accepting work completion letter received for supply of printers as similar nature goods?

3.Can we submit a purchase order to demonstrate we have successfully completed similar nature contracts?

4.If we are taking part in two lots of the bid, do we have to submit all related documents for each lot separately sealed or all related documents for LOT 03 & 04 together as one sealed document set?

5.ITB 20.1: - In addition to the original of the bid, the number of copies is: 1 authentic hard copy (stamped):- In here stamp referred as label the bid document as COPY?

1.Yes.

2.No.

3.No.

4.All related documents for LOT 03 & 04 together as one sealed document set.

5.Please refer to ITB 20.

6.No. Only the front page.





Do we have to stamp COPY on every page of the bid locument?	
document:	7.No. Only the front page.
On the original bid document, Do we have to stamp ORIGINAL on every page of the bid document?	The control of the co
TB 11.1 (j) (b) Manufacturer's authorization according to the lection IV: Manufacturer's authorization form signed by Manufacturer or any document Manufacturer provided to the hidder to distribute the goods on behalf of the manufacturer if the Bidder does not manufacture or produce the Goods it offers to supply	
) Manufacturer's authorized aftersales service provider to the	
egion (Maldives) if the Bidder does not manufacture or	
roduce the Goods it offers to supply	8.Please follow the instruction as mentioned on
. For LOT 04, Could you confirm the attached document Canon Letter of Confirmation) is sufficient enough to full fill the requirements mentioned on ITB 11.1 (j) b & c?	ITB 11.1 (j).
.LOT: 04 – Item: 01 - Multifunctional printer.	1.Laser printing
lease specify the type of printer technology required. For	•
kample, Inkjet, laser printer, etc.	
.LOT: 04 – Item: 02 – Three in one small printer	2.Laser printing
Please specify the type of printer technology required. For	r
kample, Inkjet, laser printer, etc.	
SAN Storage (Type-1 and Type-2) Does it require each rotocol 8 Ports per Controller? FC x 8 and iSCSI x 8	1.Not required. Can include only the protocol used to connect the servers.
.Server (Type-1) Details of HBA Card for Server Type-1 Storage Connectivity- FC or iSCSI) if Required.	2.Server connectivity required (with connectivity choice of vendor) meeting the minimum communication speed included.
.With reference to the schedule of technical requirements we have noticed that the storage specifications directly align with the MSA 2060 datasheet. In the RFP storage capacity pool is	3.Storage capacity is required as mentioned in the specification.
ictated as 1 PB each! Which is extremely high, kindly clarify whether the required storage capacity is as mentioned under the installed & configured storage capacity" component?	
Firewall throughput is based on a particular model of ortiGate 200F, could you share the rough user count, pplication requirements and the number of uplinks and ISP inks to be connected to the firewall, we can size an accurate ppliance for this solution with a singular management console with switches.	4.Up to 3000 users from the Lan side. Please note there will be DMZ network with high usage applications used across Maldives, hosted within the servers in the zone.  Minimum 2 uplinks.