<u>CORRIGENDUM NOTICE - No- 1 with respect to e-Tender Notice No. TW-IT/OT/07/2016-17</u>

The following changes have been made due to some administrative reason.

Last date & time of submission of bidding document : 05.01.2017, 17:00 Hrs.
Date & Time of Opening of Techno-commercial bid   : 06.01.2017, 13:00 Hrs.

Chief General Manager (IT)
OPTCL

Response to Pre-Bid Queries of the e-Tender no.: No.TW-IT/OT/07/2016-17 for Procurement of IT Items			
Tender Document Reference	**Content of RFP requiring Clarification(s)**	**Clarification sought for**	**Response**
Schedule-1(01-Servers) page No-37	Gartner standing: The OEM for the proposed server must be in Leaders or challengers quadrant of latest Gartner's report of "Magic Quadrant for Modular Servers"	This clause is preventing to quote our server.	Gartner reports are meant for best Quality and standards of servers. Most OEMs fall under these Quadrants. Hence no change.
SD module slots(Point 18, Page-37)	Single SD card slot	Requesting to be amended as "Single SD card / equivalent slot" to make the specification more generic.	Accepted
Storage Architecture (Point -8, Page-38)	Controllers for block access shall be in active -active configuration & provide non-disruptive failover while supporting all functionalities like Thin Provisioning, Data Tiering.	Requesting to be amended as "Controllers for block access shall be in active-active configuration & provide non -disruptive failover while supporting all functionalities like Thin Provisioning" – Single OPTCL has opted for a single tier, hence data-tiering functionality cannot be implemented.	Optional Data tiering support is required from the point of view of Applications to be hosted . Hence no change.
Storage(Point-13, Page-38) Host Ports andBack end Ports	Solution shall have 8 * 16Gb FC Host Ports for Block access. Offered storage shall have 4 * 12Gb Backend SAS Physical Ports (Total 4 Ports X 4 Lanes X 12 Gb/s lane speed = 192 Gb/s backend BW)	The given requirement and scalability can be easily catered to by 4 * 16 Gbps FC ports and 2 * 12 Gbps SAS ports, especially considering the throughput delivered by the asked disk configuration	Solution shall have 8*16GB FC Host Ports for Block access. Offered storage shall have 4*12 GB Backend SAS Physical ports for better throughput.
Storage(Point -15, Page-38)Quality of Service	Shall have capability to use more than 30 drives per array for better performance. Storage shall be provided with Performance Management Software. Offered storage array shall support quality of service for application wise performance tuning	Requesting to be amended as "Storage shall be provided with Performance Management Software. Offered storage array shall support quality of service for application wise performance Tuning".	Accepted.
Storage(Point -19, Page-38)Storage Tiering	Optional Support for writing active blocks of data to tier 1 storage with high performance disks or	Requesting to be deleted since this feature cannot be implemented with asked configuration.	As per RFP, As Tiering support as mentioned is required from the point of views of the applications to be

	RAID levels & automatically migrate inactive blocks of data to lower-tier storage Data tiering should happen across at least three performance tiers of storage		hosted.
Storage(Point - 20, Page-38)Remote Replication	The Storage array should support three way replication in native fashion for SAN data without using any replication appliance. 3 Way DR solution should ensure that same LUN is replicated to two DR sites wherein one of the two DR sites should support "Zero data loss" replication. Required replication software and hardware to be provided for replication.	Present requirement is for a single unit deployment, the feature for 3 Data-Centre replication cannot be configured on one unit, we request that the feature be mentioned as supported but additional hardware/appliance for the same not to be quoted as this will increase the cost of the solution without the same being implemented.	No change. The replications as mentioned are required and to be configured with existing storage of the organisation.
L3 Switch(point 2, Page 39) Form factor	Switch should be standard 19" width rack mountable and IPv6 phase2 ready	IPV6 phase2 ready – Requesting to be amended as " IPv6 Supported" to make the specification more generic.	As per RFP
L3 Switch(point 14, Page 40) DC Feature	TRILL, SPB and EVB/VEPA, Data Center Bridging protocols (PFC, DCBx, ETS and ECN), FCoE supporton all offered interfaces, VxLAN support for up to 4K tunnels and dynamic VxLAN configuration support	TRILL, SPB and EVB/VEPA -- Asked specification is biased towards one OEM. Requesting to be remove to make the spec more generic.	As per RFP Equivalent functionality/ standard can be offered.
MFP(Point 7, Page 41)Input Tray	250-sheet input tray, 10-sheet priority tray, 35 sheet Automatic Document Feeder 8	Requesting to be amended as " 1 Sheet Priority Tray" . Asked specification is biased towards one OEM with 600MHz processor MFP	Mid-range MFP printer where processor higher is required for faster first page print out. Priority tray is required for better print out.
MFP(Point 15, Page 41)Scan Size Maximum	Flatbed: 216 x 356 mm (8.5 x 14 in)	Requesting to be amended as "Flatbed: 216 x 297 mm (8.5 x11.69 in)". After query with	The scan size given is common and found in most of the OEM.

		various OEM their suggestion is - the asked specification may be typo error.	
(05-Desktops) Page No-40	Processor-Intel 6th Generation core i5 quad core CPU with minimum clock	Suggest for CORE I5 6500	No Change required as the processor is available with most of the OEMs.
(05-Desktops) Page No-40	Chipset-Intel Q150 chipset	Request change it to B150	No Change required you can quote for higher chipset.
(05-Desktops) Page No-40	Mother Board-OEM Motherboard with OEM logo empossed on the motherboard(No sticker)	OEM LOGO WILL BE SCREEN PRINTED	No screen printing allowed. As we don't encourage assembled chipset.
(05-Desktops) Page No-40	Hard Disk Drive-1TB HDD,7200 RPM, SATA III 6Gbps, SMART IV	SMART IV IS SPECIFIC TO AN OEM. WE CAN PROVIDE THE EQUIVALENT	Equivalent accepted.
(05-Desktops) Page No-40	Audio-High Definition Integrated Audio with internal Speaker	INTERNAL SPEAKER IN THE MONITOR	As per RFP, as its available with most of the OEM's
(05-Desktops) Page No-40	Slots-Minimum 4 low profile PCI/PCIe Slots (3 x PCIex1 and 1 x PCIex16)	1PCI, 2PCIe X1, 1PCIe X16	No Change, as its available with most of the OEM's
(05-Desktops) Page No-40	Ports-"Front I/O (2) USB 2.0 ports, (2) USB 3.0 Ports 3.5mm headphone output and microphone jack Rear I/O (2) USB 2.0 ports, (4) USB 3.0 Ports (1) VGA video port;(2) Displayport/DVI-D port (1)RJ-45 network connector (1) RS-232 serial port 3.5mm audio in/out jacks (2) PS/2 Keyboard and mouse ports"	REQUEST FOR FRONT USB 2NOS OF USB2.0. PUSH FOR USB KEYBOARD AND USB MOUSE	No Change, as its available with most of the OEM's
(05-Desktops) Page No-40	19.5'' LED OR higher with IPS Panel and TCO 06 certificate	Request to remove IPS	No Change, as its available with most of the OEM's
(05-Desktops) Page No-40	200 W OR Less active PFC power supply	Request min 200 PSU	No Change, as its available with most of the OEM's
(05-Desktops) Page No-40	Keyboard Mouse-PS/2 104 keys keyboard(Same make as PC) PS/2 2 Button scroll Mouse(Same make as PC)	Request for USB keyboard and USB mouse	Accepted.
(05-Desktops) Page No-40	Compliance & certificate: Energy Star ver 6, FCC, UL, Epeat certified for India, Windows & Linux	MET can be provided instead of UL	No change, as its available with most of the OEM's
Processor	Intel® 6th Generation Core i5	Intel® VPro enabled 6th	No Change, as its

(Page No-40)	Quad Core CPU with minimum clock speed of 3.2 GHz, 6MB Cache or better	Generation Core i5 Quad Core CPU with minimum clock speed of 3.2 GHz, 6MB Cache or better	available with most of the OEM's
Optical Drive (Page No-40)	Super Multi DVD Writer	SuperMulti is releated to OEM specifcName .	It can be internal DVD RW.
Ports (Page No-40)	3.5mm headphone output and microphone jack (1) VGA video port; (2) DisplayPort/DVI-D Port	Universal Audio Jack port. Dell Have only Universal Audio Jack port (UAJ) (1) VGA video port; (2) DisplayPort/DVI-D Port and HDMI port. HDMI is the latest video output option.	Accepted for Universal Audio Port. Accepted for adding HDMI port.
Formfactor (Page No-40)	SFF (Small Form Factor) Tool less chassis with volume less than 13 Ltr	Tool Less Chassis with Volume Less than 15 Ltr.	Accepted
Operating System (Page No-41)	Genuine Microsoft Windows 10 Pro 64-bit	Preloaded Genuine Microsoft Windows 10 Pro 64-bit	Accepted
Security (Page No-41)	Support for chassis padlocks and cable lock devices	padlocks is proprietary with only one OEM so request to remove	Accepted
Information Accessibility (Page No-41)	Product details, specifications and brochure to be available in public domain	Product details, specifications and brochure to be available in public domain. Presently the warranty with SOW is available against the product serial # in public domain for all the OEM	Accepted
Layer 3 Switch Page No-39	Static Routes: Minimum 64000 IPv4 and IPv6 route entries each	Minimum 1000 IPv4 and IPv6 route entries each	Accepted

NOTE: The above specifications are the minimum specifications published in the Tender Document. OEMs/SIs/Bidders are free to quote any other better/technically advanced feature in the interest of OPTCL.