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| | | Pre-bid Queries and Clarifications | Tender No IDRBT/CECS/VR/57/2022 - 2023 dated 23rd June 2022 - Supply, Installation, Support/Services and Maintenance of Hardware for IDRBT, Hyderabad | | |
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| Sr.No | | General Conditions | Changes requested | Reason for Changes | IDRBT Clarifications |
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| 3 | Page No 4 | | Extension of Bid submission dated | | The last date for submission of bids is extended from 19th July 2022 to 27th July 2022 3:30 PM. |
| 9 b | | Warranty for Switch only - 7 years (Servers No issues) | 5 Years | As Our OEM not confirming for Switch with 7 years and can give 5 years, OEM warranty | No Change |
| Clause 14 | Page No.11 | Delivery & Installation | We request you to modify the Delivery period to 8-10 weeks. | | Accepted |
| Clause 15 | Page No.11 | | Special request on delivery and implementation: Please extend delivery period to Eight weeks and implementation to two weeks | | Clarified above |
| Sr.No | Parameter | Specification for Server Type – I | Changes requested | Reason for Changes | IDRBT Clarifications |
| 5 | CPU | 2 x Intel® Xeon® Platinum 9222, (32C/64T, 2.30GHz, 71.5 MB Cache) | Intel® Xeon® Gold 6338 2G, 32C/64T, 11.2GT/s, 48M Cache, Turbo, HT (205W) or Intel® Xeon® Platinum 8358 2.6G, 32C/64T, 11.2GT/s, 48M Cache, Turbo, HT (250W) instead of Cascade Lake CPU | Asked Processor is older generation | Accepted |
| 9 | Disk Drives | SSD: Minimum 4 TB server grade HDD: Minimum 20 TB/ SAS Drive | 1.92TB X 3 on RAID 5 + 2.4TB SAS X 12 | better for RAID configuration and performance | Based on the base requirement the bidder should plan for SSD and HDD configuration with RAID 5. |
| 10 | Graphics | 2xQuadro RTX 8000 with NVLink or 2xRTX A6000 with NVLink | A40 GPU vs RTX 8000 / A6000 | Asked GPU is older generation GPU | Accepted (2xA40 GPU), it should support NVLink |
| 14 | Bus Slots | No. of Slots as per OEM Standards. Bus slots should support for Dual/Quad Gigabit, Dual 10Gbps for increased bandwidth and additional network port requirements. (NI Cards –4x10G). | SFP + Ports are suggested | Delivery lead time for copper ports is 6 months and switch side also needs to be changed | No Change; Server and L3 Switch side it is 10G Copper ports only. |

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| 5 | CPU | 2 x Intel® Xeon® Platinum 9222, (32C/64T, 2.30GHz, 71.5 MB Cache) | Request you to Amend to "Intel Xeon-Platinum 8358 2.6GHz 32-core 250W Processor". | Requested "9222 Proc" is specific to one OEM and does not support requested Memory with 3200MT/s and is not available with Major OEM's - HPE, Dell & Lenovo. Requested "8358 Proc" is available with all OEM's. | Clarified above |
| 6 | RAM | 1.5 TB (24 x 64GB), 3200MT/s, Dual Rank with free slots for upgrade | | Requested "9222 Proc" does not support requested Memory with 3200MT/s | Clarified above |
| 9 | Disk Drives | SSD: Minimum 4 TB server grade HDD: Minimum 20 TB/ SAS Drive | Please clarify the Capacity of Drive and RAID Type to be considered. | provides level play across all OEM's and will help department to do Apple-to-Apple comparison. | Clarified above |
| 10 | Graphics | 2xQuadro RTX 8000 with NVLink or 2xRTX A6000 with NVLink | Request you to amend to " 2x A40 NVIDIA Module " | As the requested "RTX8000 and RTX6000" is obsolete from NVIDIA and RTX Modules does not support NVLINK, and is common across all OEM's - HPE, Dell & Lenovo. | Clarified above |
| Sr.No | Parameter | Specification for Server Type – II | Changes needed / Clarifications | Reason for Changes | IDRBT Clarifications |
| 5 | CPU | Intel Xeon E7-8870 v4 (20C/40T,2.35GHz, 50MB) | 1. Intel® Xeon® Silver 4316 2.3G, 20C/40T, 10.4GT/s, 30M Cache, Turbo, HT (150W) instead Intel Xeon E7-8870 v4 (20C/40T,2.35GHz, 50MB) | Asked Processor is older generation | Accepted |
| 13 | Network Cards | No. of Slots as per OEM Standards. Bus slots should support for Dual/Quad Gigabit, Dual 10Gbps for increased bandwidth and additional network port requirements NI Cards 4x10G | SFP + Ports are suggested | Delivery lead time for copper ports is 6 months and switch side also needs to be changed | No Change; Server and L3 Switch side it is 10G Copper ports only. |
| 5 | CPU | Intel Xeon E7-8870 v4 (20C/40T,2.35GHz, 50MB) | Request you to amend to "Intel Xeon-Platinum 8358 2.6GHz 32-core 250W Processor". | Requested "E7-8870 v4 Proc" is declared as Obsolete from Intel. | Clarified above |
| 6 | Chipset | System On Chip | Request you to amend to "Intel C621A Chipset" | Requested "System On Chip" is not supported by the above requested Processor. | Accepted |
| 8 | RAM | 128 GB RDIMM, 3200MT/s, Dual Rank with free slots for upgrade | | Requested "Intel Xeon E7-8870 v4 " does not support requested Memory with 3200MT/s | Clarified above |
| Sr.No | Page No | Specification Required for L3 Switch | Changes Required. | Reason for Changes | IDRBT Clarifications |

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| 7.2b | Page No 21 | RMON 1/RMON 2 | To be removed | This is Cisco Propriety Switch and we can quote Cisco, however present delivery for Cisco is 12 to 14 months. | No Change; RMON 1&2 are standard and generic protocols for network monitoring. |
| 7.2c | Page No 21 | gRPC Streaming protocol | To be removed | This is Cisco Propriety Switch and we can quote Cisco, however present delivery for Cisco is 12 to 14 months. | Optional;gRFC is a standard and generic protocols for HTTP/2. |
| 2.2 | Page No 20 | Copper ports | SFP ports | As copper ports switch any vendor delivery period is 12 weeks and SFP is 8 weeks | No Change |
| 2.3 | Page No 20 | Switch must support buffer of 24MB or more | | 12 Mb Packet Buffer | Accepted |
| 3.2 | Page No 20 | Forwarding Capacity: wire-speed packet forwarding of 900 Mpps or more. | | 759Mpps Forwarding Rate | Accepted |
| Sr.No | Parameter | Specification for Laptop | Comments | Reason for Changes | IDRBT Clarifications |
| 5 | CPU& Chipset | Intel i7-11th Generation, 8 Cores with integrated chipset (Minimum 6MB Cache, Total compute at at 30 GHz or more) | Intel® Core i7-1185G7 (3.0 Ghz Up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores) | Intel i7-11th Generation, 12 Cores with integrated chipset (Minimum 6MB Cache, Total compute at at 3.0 GHz or more) | The bidders may quote for equivalent or better configuration. |
| 6 | Storage | 512TB SSD Drive 1 TB HDD | No HDD option | 1 TB PCIe® NVMe TLC Solid State | No Change |
| 7 | Ports | 2 Nos USB 3.1, 1 Nos USB Type C, AC Power Jack,1 Ethernet Port GbE, 1 HDMI Port 1x Mic-in, 1x Headphone-out | | 3 Nos USB 3.1, 1 Nos USB Type C with display port, AC Power Jack,1 Ethernet Port GbE, 1 HDMI Port 1x Mic-in/ Headphone-out universal audio combo jack | The bidders may quote for equivalent or better configuration. |
| 8 | RAM | 1 x 16 GB DDR4 2666MHz or better | | 1 x 16 GB DDR4 3200 MHz or better expandable up to 32 GB with 2 physical DIMM slots | The bidders may quote for equivalent or better configuration. |
| 11 | Warranty | 3 year onsite direct warranty from OEM. | | 3 year onsite warranty from OEM including longlife battery | No Change |
| 14 | Certification | Latest Energy Star Compliance RoHS certified | | TCO, MIL STD 810 | Accepted |
| 15 | Body | | | Non ABS Plastic/Metallic | Accepted |
| Sr.No | Parameter | Specification for Desktops | Comments | Reason for Changes | IDRBT Clarifications |
| 5 | CPU | Core i9 10th generation, 8 Cores or equivalent | | Core i9 12th generation, 16 Cores or equivalent | The bidders may quote for equivalent or better configuration Processor. |
| 6 | Motherboard & Chipset | Latest Intel chipsets Compatible with Sr. No 5 (CPU) | | Latest Intel Q Series chipsets Compatible with Sr. No 5 (CPU) | The bidders may quote for equivalent or better configuration. |

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| 7 | RAM | Minimum 64 GB RDIMM, 3200MT/s, Dual Rank with 30% free slots for upgrade | | Minimum 64 GB DDR5 UDIMM , 4800MT/s, Dual Rank with 50% free slots for upgrade UP TO 128 GB | The bidders may quote for equivalent or better configuration. |
| 8 | Graphic Card | Nvidia 1660Ti GPU or equivalent with minimum 6Gb Memory | | Nvidia RTX 3070 8 GB graphics card or better | The bidders may quote for equivalent or better configuration Graphic Card. |
| 10 | Monitors | 27" LED Monitor with 1920 x 1080 Resolutions, bezel-less LED, Full HD Monitor with HDMI Ports, and DPI ports. (With HDMI cables) | | HP P27h G4 27-inch Monitor or HP E27u G4 QHD USB-C Monitor | No Change |
| Sr.No | Parameter | Software Specifications for Printers | Changes required | Reason for Changes | IDRBT Clarifications |
| 1 | Black and White Printer | Technical Specifications for HP LaserJet Pro M203dw –One with 3 year OEM standard warranty | HP LaserJet M208dw | M203dw is EOL | The bidders should quote for equivalent or better configuration Printer. |
| 2 | Color Printer | Technical Specifications for HP LaserJet Pro 500color MFP M570dw – One with 3 year OEM standard warranty. | HP LaserJet M480f with Wifi | M570dw is EOL | The bidders should quote for equivalent or better configuration Printer. |

