**Corrigendum- 1**

**Date: 03.12.2018**

**Ref: GVK EMRI/GJ/ET/RT/IT IS/1819,**

**Tender ID : 334846**

With reference to Pre Bid meeting held on 29.11.2018 and queries raised by Bidders, following changes/modification are made. Bidders are requested to go through the same before submitting the Bids.

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| **Sr. No.** | **Item** | **Configuration/Tender clause** | **Qty** | **Revised specification / tender clause** |
| **Annexure X : *Scope of Supply* Group : 1 – Hardware** | | | | |
| 1 | Servers | 2x Intel® Xeon® Silver 4110 2.1G, 8C/16T /32GB RDIMM, 2666MT/s Expandable up to 16 DIMMs Slots / Raid Controller Supported Raid 0,1,5,10 with 2GB Cache/2.5" Chassis with up to 10 Hard Drives/6x 600GB 10K SAS 12Gbps HDD/Remote Mgmt Port/ Dual1GB NIC/Dual Port 16Gb Fibre Channel HBA/Dual Power Supply/DVDRW/5Year Support : (7x24) 4-hour Onsite Service | 4 | 2x Intel® Xeon® Silver 4110 2.1G, 8C/16T /32GB RDIMM, 2666MT/s minimum 4 DIMMs Slots / Raid Controller Supported Raid 0,1,5,10 with 2GB Cache/ 2.5" Chassis with up to 10 Hard Drives/6x 600GB 10K SAS 12Gbps HDD/Remote Mgmt Port/ Dual1GB NIC/Dual Port 16Gb Fibre Channel HBA/Dual Power Supply/DVDRW/5Year Support : (7x24) 4-hour Onsite Service.  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted.  Configuration suggested should be ensured. It should be rack server.  Server should be 1U Rack Mountable so entire setup can be accommodated in single rack with Dual1GB NIC and Dual Port 10G SFP+ with required accessories. |
| 2 | Servers | Intel Xeon E3-1220 v6 3.0GHz/16GB UDIMM, 2400MT/Chassis with up to 4, 3.5" Hot Plug Hard Drives/Raid 0,1,5/2TB 7.2K RPM NLSAS 12Gbps HDD/Remote Mgmt Port/Dual1GB NIC/Dual Power Supply/DVDRW/5Year Support : (7x24) 4-hour Onsite Service | 2 | Intel Xeon E3-1220 v6 3.0GHz/16GB UDIMM, 2400MT/Chassis with up to 4, 2.5/3.5" Hot Plug Hard Drives/Raid 0,1,5/2TB 7.2K RPM NLSAS 12Gbps HDD/Remote Mgmt Port/Dual1GB NIC/Dual Power Supply/DVDRW/5Year Support : (7x24) 4-hour Onsite Service.  Minimum 4 DIMMs Slots.  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted.  Configuration suggested should be ensured. It should be rack server.  Server should be 1U Rack Mountable so entire setup can be accommodated in single rack with Dual1GB NIC and Dual Port 10G SFP+ with required accessories. |
| 3 | Servers | 1x Intel® Xeon® Silver 4110 2.1G, 8C/16T /64GB RDIMM, 2666MT/s Expandable up to 16 DIMMs Slots / Raid Controller Supported Raid 0,1,5,10  with 2GB Cache/2.5" Chassis with up to 10 Hard Drives/6x 600GB 10K SAS 12Gbps HDD/Remote Mgmt Port/ Dual1GB NIC/Dual Port 16Gb Fibre Channel HBA/Dual Power Supply/DVDRW/5Year Support : (7x24) 4-hour Onsite Service | 12 | 1x Intel® Xeon® Silver 4110 2.1G, 8C/16T /64GB RDIMM, 2666MT/s minimum 4 DIMMs Slots / Raid Controller Supported Raid 0,1,5,10  with 2GB Cache/2.5" Chassis with up to 10 Hard Drives/6x 600GB 10K SAS 12Gbps HDD/Remote Mgmt Port/ Dual1GB NIC/Dual Port 16Gb Fibre Channel HBA/Dual Power Supply/DVDRW/5Year Support : (7x24) 4-hour Onsite Service.  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted.  Configuration suggested should be ensured. It should be rack server.  Server should be 1U Rack Mountable so entire setup can be accommodated in single rack with Dual1GB NIC and Dual Port 10G SFP+ with required accessories. |
| 4 | Servers | 1x Intel® Xeon® Silver 4110 2.1G, 8C/16T /32GB RDIMM, 2666MT/s Expandable up to 16 DIMMs Slots / Raid Controller Supported Raid 0,1,5,10  with 2GB Cache/2.5" Chassis with up to 10 Hard Drives/6x 600GB 10K SAS 12Gbps HDD/Remote Mgmt Port/ Dual1GB NIC/Dual Port 16Gb Fibre Channel HBA/Dual Power Supply/DVDRW/5Year Support : (7x24) 4-hour Onsite Service | 3 | 1x Intel® Xeon® Silver 4110 2.1G, 8C/16T /32GB RDIMM, 2666MT/s minimum 4 DIMMs Slots / Raid Controller Supported Raid 0,1,5,10  with 2GB Cache/2.5" Chassis with up to 10 Hard Drives/6x 600GB 10K SAS 12Gbps HDD/Remote Mgmt Port/ Dual1GB NIC/Dual Port 16Gb Fibre Channel HBA/Dual Power Supply/DVDRW/5Year Support : (7x24) 4-hour Onsite Service  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted.  Configuration suggested should be ensured. It should be rack server.  Server should be 1U Rack Mountable so entire setup can be accommodated in single rack with Dual1GB NIC and Dual Port 10G SFP+ with required accessories. |
| 5 | Network Switch | 48-port L3 fully managed switch with 48 x 10GbE SFP+ with at least 3 x 100GbE QSFP28 ports for uplink with required cables and accessories from same OEM with 5Yr 24x7 Onsite Support | 2 | 48-port L3 fully managed switch with 48 x 10GbE SFP+ with at least 3 x 100GbE QSFP28 ports for uplink with required cables and accessories from same OEM with 5Yr 24x7 Onsite Support.  Supply with Dual power supply.  Network switch need to be fully populate along with require cable with 5 meter length.  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted. |
| 6 | Network Switch | 48-port L3 fully managed switch with 48 x  RJ45 10/100/1000Mb ports with atleast 4 x 10GbE SFP+ ports for uplink with required cables and accessories from same OEM with 5Yr 24x7 Onsite Support | 6 | 48-port L3 fully managed switch with 48 x  RJ45 10/100/1000Mb ports with atleast 4 x 10GbE SFP+ ports for uplink with required cables and accessories from same OEM with 5Yr 24x7 Onsite Support.  Supply with Dual power supply.  Network switch need to be fully populate along with require cable with 5 meter length.  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted. |
| 7 | Network Switch | 24-port L3 fully managed switch with 24 x  RJ45 10/100/1000Mb ports with at least 4 x 10GbE SFP+ ports for uplink with required cables and accessories from same OEM with 5Yr 24x7 Onsite Support | 3 | 24-port L3 fully managedswitch with 24 x  RJ45 10/100/1000Mb ports with at least 4 x 10GbE SFP+ ports for uplink with required cables and accessories from same OEM with 5Yr 24x7 Onsite Support.  Supply with Dual power supply.  Network switch need to be fully populate along with require cable with 5 meter length.  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted. |
| 8 | SAN Switch | SAN Switch - 16 Gb FC Switches with minimum 24 ports each for LAN free backup (in 1+1 HA) 5 Year Warranty | 2 | SAN Switch - 16 Gb FC Switches with minimum 24 ports each for LAN free backup (in 1+1 HA) 5 Year Warranty.  All 24 ports should be activated in both the SAN switch and shall be supplied with 5 meter LC-LC cables.  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted. |
| 9 | Server Racks, KVM Switch, Console Monitor | Server Racks (42U) with extra power strip, Trays (2),  and Exhaust Fan, KVM Switch, 16-Port VGA Switch Kit 1U Rack Mount Supports, Console Monitor with Keyboard and Mouse for All Servers | 4 | Server Racks (42U) with extra power strip, Trays (2),  and Exhaust Fan, KVM Switch, 16-Port VGA Switch Kit 1U Rack Mount Supports, Console Monitor (20”) with Keyboard and Mouse for All Servers. |
| 10 | Network Attached Storage | Unified Storage with Dual Active-Active Controllers and atleast 32GB Cache configured to achieve 12TB Usable using 10,000 RPM SAS drives in RAID 5 and 1 Hot-Spare drive, 8 x 10G ports with 5Yr 24x7 Onsite Support | 1 | Unified Storage with Dual Active-Active Controllers and at least 32GB Cache configured to achieve 12TB Usable using 10,000 RPM SAS drives in RAID 5 and 1 Hot-Spare drive, 8 x 10G ports with 5Yr 24x7 Onsite Support.  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted. |
| 11 | Tape Library Drive | Tape Library with at least 24 slots. Dual LTO 7 Drives, 15 Tape Cartridges and 2 Cleaning cartridge with 5Yr 24x7 Onsite | 1 | Tape Library with at least 24 slots. Dual LTO 7 Drives, 15 Tape Cartridges and 2 Cleaning cartridge with 5Yr 24x7 Onsite.  OEM authorization letter for 5 years support on the products supplied by the channel partners to be submitted. |
| **Annexure X : *Scope of Supply* Group : 2 – Software Licenses** | | | | |
| 1 | Anti Virus | Anti Virus Per Year | 100 | Anti Virus software should be quoted with 3 years subscription (Symantec / Trend Micro / Kaspersky) |
| 2 | Anti Virus for Servers | Anti Virus Per Year | 16 | Anti Virus software should be server console based and to be quoted with 3 years subscription (Symantec / Trend Micro / Kaspersky) |
| 3 | Windows Server | WinSvrSTDCore 2019 SNGL OLP 2Lic NL Acdmc CoreLic | 12 | WinSvrSTDCore 2019 SNGL OLP Lic (as per requirement of Group 1 : item No 3 Servers) NL Acdmc CoreLic |
| 4 | Windows server Device CALs | WinSvrCAL 2019 SNGL OLP NL Acdmc DvcCAL | 100 | WinSvrCAL 2019 SNGL OLP NL Acdmc DvcCAL |
| 5 | MS SQL | SQLSvrStd 2017 SNGL OLP NL Acdmc | 2 | SQLSvrStd 2017 SNGL OLP NL Acdmc |
| 6 | MS SQL | SQLCAL 2017 SNGL OLP NL Acdmc UsrCAL | 100 | SQLCAL 2017 SNGL OLP NL Acdmc UsrCAL |
| 7 | MY SQL | MY SQL Enterprise version 5.7 | 2 | MY SQL Enterprise version 5.7  3 years 24\*7 remote/telephonic support |
| 8 | MS Office | Office Std 2019 SNGL OLP NL Acdmc | 100 | Office Std 2019 SNGL OLP NL Acdmc |
| 9 | Backup Software | Backup Software for tape library (Compatible with Tape Library ) | 1 | Backup Software for tape library (Compatible with Tape Library )  Backup software should not have any limitations on the amount of data that we back up.  Minimum 1 TB capacity valid for 3 years subscription. |
| 10 | Firewall | Firewall Security with 500+ users - full subscription ( SOPHOS/Fortigate/Sonicawall) | 1 | Firewall Security with minimum 500 users for the UTM/Firewall with all the features and 3 years subscription ( SOPHOS/Fortigate/ Sonicawall) |
| **Annexure X : *Scope of Supply* Group : 3 – Electronics Accessories** | | | | |
| 1 | Headsets | Stereo Headsets (Jabra/Plantronics/Other Reputed company) | 110 | USB Headsets (Jabra/Plantronics/Other Reputed company) with 3 years warranty |
| **Annexure X : *Scope of Supply* Group : 4 – Desktops and other accessories** | | | | |
| 1 | Desktops | SFF Chassis weighing less than 5.5Kg with Core i3-8th Gen / 4GB RAM / 1TB 7200RPM SATA / Intel Integrated Graphics / Win 10 Professional / 24" display with HDMI or DP port / 5Yr 24x7 Onsite Support | 100 | Business Series, SFF Chassis weight of volume less than 8 ltr. with Core i3-8th Gen / 4GB RAM / 1TB 7200RPM SATA / Intel Integrated Graphics / Win 10 Professional (preloaded) / 24" display with HDMI or DP port / 5Yr 24x7 Onsite Support |
| 2 | DVD-Writer | External USB DVD R/W | 2 | External USB DVD R/W |
| 3 | External hard disk | External          hard           disk           –           2TB (Seagate/Transcend/WD) | 2 | USB External          hard           disk – 2TB (Seagate/Transcend/WD) |
|  | | | | |
| 1 | Annexure X  Scope of Supply  Note | 1. Group 1 & 4 items preferred makes IBM/HP/DELL/ Lenovo. 2. Channel partners to support cent OS installations and customization. 3. Bidder must quote all items mandatorily mentioned in a group. Single item in any group except Group 3 will be not considered. 4. L1 will be calculated on total cost basis group wise. 5. All bidders should provide detailed configuration of all quoted items with tender documents along with literature. | - | 1. Group 1 & 4 items preferred makes IBM/HP/DELL/ Lenovo.  All item in Group 1 except item no 9 should be of same OEM.  Group 1 : Item no 9 should be of APW/APC/Rittal/Valrack make preferably.   1. Channel partners to support cent OS installations and customization. 2. Bidder must quote all items mandatorily mentioned in a group. Single item in any group except Group 3 will be not considered. 3. L1 will be calculated on total cost basis group wise. 4. All bidders should provide detailed configuration of all quoted items with tender documents along with literature. 5. Hardware should be supplied factory built only and same should be certified by OEM on its letter pad. |
| 2 | E. Terms of Supply  12. Warranty Clause | 3 years | - | Warranty will be considered as mentioned in Scope of work. If it is not mentioned in scope of work than 3 years to be considered. |
| 3 | ANNEXURE- VII  GroupWise Tender Fee, EMD and Turnover Details | Turnover | - | If any Bidder participates in more than one group; applicable minimum turnover eligibility will be sum of turnover for individual group requirement. |
| 4 | E. Terms of Supply  22. Performance Security Deposit | 5 % PSD for 3 years + 3 months | - | Bidder has to submit Performance Security Deposit as per warranty applicable with additional 3 months claim period. |