ANNEXURE - II
Corrigendum
RFP Enquiry No. :OCAC-NeGP-INFRA-007-2020/20025

Sl.No.	RFP Page No/ Clause No	Existing Clause	Modified Clause
1	Page 12 and Page 42/ Clause 4.4.6 (Performance Bank Guarantee (PBG)) & 5.4 (Payment)	The Performance Bank Guarantee shall contain a claim period of three months from the last date of validity. Also it is written in the payment terms portion -This Bank Guarantee should remain valid for a period of 60 days beyond the warranty period, commencing from the date of satisfactory completion of entire job.	The clause modified as: - "The Performance Bank Guarantee needs to be valid till Entire Project Period of 5 Years. However the Bidder may submit PBG for a period of 3 Years & subsequently renewed for another 2 Years before expiry else the PBG will be forfeited. The Performance Bank Guarantee shall contain a claim period of three months from the last date of validity. The selected bidder shall be responsible for extending the validity date and claim period of the Performance Guarantee as and when it is due on account of non-completion of the project and Warranty period".
2	Page 13/ Clause 4.6 (Delivery)	The delivery of entire IT infrastructure equipment's (i.e. hardware & software) for both the location, to be completed within 8 (Eight) Weeks from the date of issue of Purchase Order.	The clause modified as: - " The delivery & installation of entire IT infrastructure equipment's (i.e. hardware & software) for both the location, to be completed within 12 (Twelve) weeks from the date of issue of Purchase Order."
3	Page 16/ Clause 4.16 (Network Switch (Type – 1))/ Sl. No - 1	Switch OEM shall be in the leader's quadrant as per latest published Gartner's MQ report for Data Centre Network Infrastructure.	The clause modified as: - "Switch OEM shall be in the leader's quadrant as per latest published Gartner's MQ report for Data Centre Network Infrastructure." **Or** "The Network OEM should be in Top-5 OEM of IDC report published for Asia Pacific region for last three consecutive quarter (i.e. 2nd,3rd , 4th quarter of 2019 & 1st quarter of 2020)"
4	Page 16/ Clause 4.16 (Network Switch (Type – 1))/ Sl. No - 12	6 x 40GbE ports with Long Range Module Loaded for 40G operations with patch cord	Switch should have the following interfaces: i. 36 x 10G Fibre ports with SR modules Loaded ii. 12 x 10G Fibre ports with LR modules loaded Iii. 6 x 40/100 GbE ports with long range module loaded for 40G operations with patch cord Note: Long range module must work at least upto 10 KM over dark fibre for connection between IT Centre and OSDC.
5	Page 17/ Clause 4.16 (Network Switch (Type – 1))/ Sl. No - 23	Switch should support minimum 500 VRF instances	The clause modified as: - "Switch should support minimum 500 VRF/VNI instances."
6	Page 17/ Clause 4.16 (Network Switch (Type – 1))/ Sl. No - 34	Switch should support 8 Nos. of link or more per Port channel (using LACP) and support 96 port channels or more per switch	The clause modified as: - "Switch should support 8 Nos. of link or more per port channel (using LACP)".

Sl.No.	RFP Page No/ Clause No	Existing Clause	Modified Clause
7	Page 18/ Clause 4.16 (Network Switch (Type – 1))/ Sl. No - 42 (c)	42. Switch should support static and dynamic routing using: a. Static routing b. OSPF V.2 using MD5 Authentication c. ISIS using MD5 Authentication d. BGP V.4 using MD5 Authentication e. Should support route redistribution between these protocols f. Should be compliant to RFC 4760 Multiprotocol Extensions for BGP-4 (Desirable)	The Clause (C) modified as: - "IS-IS using MD5 authentication or equivalent policy based routing".
8	Page 18/ Clause 4.16 (Network Switch (Type – 1))/ Sl. No - 44	44. Switch should support multi instance MPLS routing using VRF, VRF Edge routing and should support VRF Route leaking functionality	The clause stands deleted.
9	Page 19/ Clause 4.16 (Network Switch (Type – 1))/ Sl. No - 56	56. Time based ACL	The clause modified as: - "Time based ACL/Equivalent."
10	Page 20/ Clause 4.16 (Network Switch (Type – 1))/ Sl. No - 74	Switch should support central time server synchronization using Network Time Protocol NTP V.4	Switch should support central time server synchronization using Network Time Protocol NTPv4/SNTPv4.
11	Page 20/ Clause 4.16 (Network Switch (Type – 1))/ Sl. No - 85	Switch should support NTP to provide an accurate and consistent timestamp over IPv6 to synchronize log collection and events	Switch should support NTP/SNTP to provide an accurate and consistent timestamp over IPv6 to synchronize log collection and events
12	Page 21/ Clause 4.17 (Network Switch (Type – 2))/ Sl. No - 1	Switch OEM shall be in the leader's quadrant as per latest published Gartner's MQ report for Data Centre Network Infrastructure.	The clause modified as: - "Switch OEM shall be in the leader's quadrant as per latest published Gartner's MQ report for Data Centre Network Infrastructure." Or "The Network OEM should be in Top-5 OEM of IDC report published for Asia Pacific region for last three consecutive quarter (i.e. 2nd, 3rd, 4th quarter of 2019 & 1st quarter of 2020)"
13	Page 21/ Clause 4.17 (Network Switch (Type – 2))/ Sl. No - 18	Dynamic Host Configuration Protocol (DHCP) client/ Relay and server	The clause modified as: - "Dynamic Host Configuration Protocol (DHCP) Client/ Relay or Server."
14	Page 22/ Clause 4.17 (Network Switch (Type – 2))/ Sl. No - 35	Transceiver modules shall be suitable for MMF cabling inside the DC (preferably with LC interface)	Transceiver modules shall be suitable for MMF cabling inside the DC (preferably with LC interface). All the transceivers should be from the same OEM as the switch.

Sl.No.	RFP Page No/ Clause No	Existing Clause	Modified Clause
15	Page 22/ Clause 4.18 (SAN Switch)/ Sl. No - 1	Each fibre switch should be quoted with minimum 48 FC ports modules of 32Gbps speed each with necessary Licenses. 12 FC ports of each SAN switch needs to be configured and supplied with long range transreciever modules which at least work upto 10 KM distance over dark fibre between IT Centre and OSDC. Additional 12 nos. of long range transreciever modules along with licenses for each existing Brocade SAN Switch (Qty – 02 Nos.) (Model - HPSN6500B) needs to be supplied and configured at OSDC end to work over the dark fibre (at least 10 KM) laid between the IT Centre and OSDC.	Each fibre switch should be quoted with minimum 48 FC ports modules of 32Gbps speed each with necessary Licenses. 16 FC ports of each SAN switch needs to be configured and supplied with long range transreciever modules which at least works upto 10 KM distance over dark fibre between IT Centre and OSDC.
16	Page 22/ Clause 4.18 (SAN Switch)/ Sl. No - 2	The switch should have support for 4/8/16/32 Gbps HBA	The switch should support for 8/16/32 Gbps HBA.
17	Page 23/ Clause 4.18 (SAN Switch)/ Sl. No - 14 (g)	The Switch should have following zoning and security features: g Support for Port masking.	The clause stands deleted.
18	Page 24/ Clause 4.19 (Storage)/ Sl. No - 6	Storage should be supplied with minimum A. FC Ports 8 x 32 Gbps 8 x 16 Gbps/32 Gbps B. iSCSI ports 4 x 10Gbps ports for SAN connectivity 4x10Gbps ethernet ports for NAS connectivity.	The clause modified as :-" Storage should be supplied with minimum:- A. FC Ports: # 4 x 32 Gbps # 8 x 16 Gbps OR 32 Gbps B. iSCSI ports: # 4 x 10Gbps ports for SAN connectivity # 4 x 10Gbps ethernet ports for NAS Connectivity."
19	Page 24/ Clause 4.19 (Storage)/ Sl. No - 16	The Storage Array should support three way replication in native fashion without using any additional replication appliance. Replication shall support incremental replication after resumption from link failure or failback situations.	The clause modified as: - "The storage array should support three way replication in real time without using any additional replication appliance. Replication shall support incremental replication after resumption from link failure or failback situations".

Sl.No.	RFP Page No/ Clause No	Existing Clause	Modified Clause
20	Page 24/ Clause 4.19 (Storage)/ Sl. No - 17	Proposed storage should support for replication of volume to existing HPE 3PAR storage at OCAC SDC in synchronous fashion from day-1 without using any additional software or hardware appliance for Near-DR compliance	The clause modified as:-"Proposed storage should support for replication with existing HPE 3PAR storage at OCAC SDC in synchronous fashion from day-1 without using any additional software or hardware appliance for Near-DR compliance".
21	Page 25/ Clause 4.19 (Storage)/ Sl. No - 19	For effective cloud deployment offered storage should be supplied with thin provisioning and auto thin reclaim to make the volume thin for an extended period of time for complete array supported raw capacity. It should support automated thin reclaim else additional controller and cache must be offered to handle the overload.	The clause modified as: - "For effective cloud deployment offered storage should be supplied with thin provisioning and auto thin reclaim to make the volume thin for an extended period of time for complete array supported raw capacity. It should support automated thin reclaim with or without additional controller and cache".
22	Page 26/ Clause 4.20 (Rack Server)/ Sl. No - 1	The server should have 2 nos. of Intel Xeon latest Generation Processor: Server Type 1: - 02 servers with 2 x 16 cores, minimum 2.9 GHz clock rate. Server Type 2: - 10 servers with 2 x 28 cores, minimum 2.2 GHz clock rate. 64-bit x86 processor fully binary compatible to 64/32-bit applications. Number of cores on a single die/socket will be treated as a single processor	The clause modified as: - "The server should have 2 nos. of Intel Xeon/AMD EPYC latest Generation Processor: Server Type 1: - 02 servers with 2 x 16 cores, minimum 2.9 GHz clock rate. Server Type 2: - 10 servers with 2 x 28 cores, minimum 2.2 GHz clock rate. 64-bit x86 processor fully binary compatible to 64/32-bit applications. Number of cores on a single die/socket will be treated as a single processor."
23	Page 26/ Clause 4.20 (Rack Server)/ Sl. No - 2	2 TB latest DDR memory using 64 GB DIMM's.	The clause modified as: -"1.5 TB latest DDR memory using 64 GB DIMMs".
24	Page 26/ Clause 4.20 (Rack Server)/ Sl. No - 4	Type 1 – 4 x 600 GB SAS Hot Swap HDD (15Krpm or higher) Type 2 – 4 x 300 GB SAS Hot Swap HDD (15Krpm or higher)	The specification modified as: - Type 1 &2 - 4 x 600 GB SAS (15Krpm) / SSD Hot Swap HDD or Higher.

Sl.No.	RFP Page No/ Clause No	Existing Clause	Modified Clause
25	Page 26/ Clause 4.20 (Rack Server)/ Sl. No - 6	Server Type 1:- Minimum 2 x 1 Gbps ports & Four no's Dual 10 Gbps SFP28 (10G-SR populated). Server Type 2:- Minimum 2 x 1 Gbps ports & Four no's Dual 10 Gbps SFP28 (10G-SR populated)	The clause modified as: -"Server Type 1 &2:- Minimum 2 x 1 Gbps ports &4 Nos of 10/25 Gbps Network Adopter with 10 Gbps transceiver."
26	Page 26/ Clause 4.20 (Rack Server)/ Sl. No - 11	DVD ROM Internal/External (If required)	DVD ROM Internal/External to be provided.
27	Page 26/ Clause 4.20 (Rack Server)/ Sl. No - 15	Monitoring ongoing management, service alerting, reporting and remote management with embedded dedicated Gigabit out of band management port. Remote Management of Server over LAN & WAN with SSL encryption, Virtual Media and virtual folder with required advanced license, Remote KVM, Server Health logging, Directory Services compliance (AD or LDAP), REST/XML API, dynamic/group management of power, licenses including firmware or self-updating firmware system, Configuration backup, zero touch repository manager (minimum 4 Gb storage), Syslog (local & remote).	Monitoring ongoing management, service alerting, reporting and remote management with embedded dedicated Gigabit out of band management port. Remote Management of Server over LAN & WAN with SSL encryption, Virtual Media and virtual folder with required advanced license, Remote KVM, Server Health logging, Directory Services compliance (AD or LDAP), REST/XML API, dynamic/group management of power, licenses including firmware or self-updating firmware system, Configuration backup, zero touch repository manager, Syslog (local / remote).
28	Page 27/ Clause 4.20 (Rack Server)/ Sl. No - 18	OEM should be ranked within Top 3 as per IDC report for Server in India for any quarter of 2019	OEM should be ranked within top 3 as per IDC report for any one of the previous four quarter in India for server.
29	Page 28/ (Scope of Work for (VMWARE) Solution)/ Sl. No - 15	Container as a service	Yes, container as a service to be included in the professional services scope.
30	Page 29/ (Scope of Work for (VMWARE) Solution)/ Sl. No - 20	Post implementation support for eight weeks for additional handholding	OEM's Professional service required for Post implementation support for eight weeks for additional handholding.

Sl.No.	RFP Page No/ Clause No	Existing Clause	Modified Clause
31	Page 29/ (Scope of Work for (VMWARE) Solution)/ Sl. No - 22	The OEM has to ensure on-site support as and when required for resolving all OS (Operating Systems) & .Private Cloud solution related issues, including re-installation of OS or re-clustering or re-configuration and other required software procured in this RFP, during support period without any extra cost to the OCAC.	24 x7 Onsite support for 5 Years required from OEM as and when required for resolving all OS (Operating Systems) . & .Private Cloud solution related issues, including re-installation of OS or re-clustering or re-configuration and other required software procured in this RFP, during support period without any extra cost to the OCAC.
32	Page 37/ Clause 4.25.1 (Pre-Qualification Criteria)/ Sl. No. 7	One project of similar nature not less than the amount Rs.8 Crore; OR Two projects of similar nature each of which not less than the amount Rs. 6 Crore ; OR Three projects of similar nature each of which is not less than the amount Rs. 4 Crore	The bidder must have successfully undertaken at least the following numbers of systems implementation engagement(s) of value specified herein during the last Five Financial Years i.e. From FY 2015-16 to FY 2019-20 : • One project of similar nature not less than the amount **Rs. 2.4 Crore.** OR • Two projects of similar nature each of which not less than the amount **Rs. 1.8 Crore.** OR • Three projects of similar nature each of which is not less than the amount **Rs. 1.2 Crore.** 'Similar Nature' is defined as:- Supply & Installation of Server, Storage, Network Devices and COTS like Database/ Software/Operating System/Virtualisation Software, etc. and their associated maintenance support services for any Government/Public Sector Enterprises/BFSI in India.
33	Page 40/ Clause 4.26.3 (Commercial Bid)	i) Commercial Bid should be submitted in a sealed envelope as per the format specified in Financial Proposal of respective package	This RFP is a single Package and bidder needs to submit the commercial as asked in COMMERCIAL BID FORMAT of the RFP (Form 7.1.2)
34	Page 42/ Clause 5.4.1 (Warranty)	All the items covered in the schedule of the requirements /Bill of Material (BOM), shall carry 24 x 7 Comprehensive Onsite Response Warranty support from OEM.	All the items quoted should include 5 years of OEM onsite warranty.

Sl.No.	RFP Page No/ Clause No	Existing Clause	Modified Clause
35	Page 52/ Clause 7.1.2 (Form 7 - Financial Proposal / Sl. No - 24	Certified IT Professional for VMWare Operation & Support Services Payable Quarterly, for the entire Contract Period. (i.e. 4 Qtr. @ 1 Year x 5 Years=20 Qtrs.)	OEM resident engineer to be provided for Operation & Support Services.
36	Additional Clause		New Clause: - "Additional 16 nos. of long range transceiver modules required for existing Brocade SAN Switch (Qty – 02 Nos.) (Model - HPSN6500B) needs to be supplied and configured at OSDC end to work over the dark fibre (at least 10 KM) laid between the IT Centre and OSDC." **Important:- Separate BoQ line item added in the commercial bid.**
37	Additional clause		The OEM/product manufactured in a country sharing a land border with India cannot participate in this bid.
38	Additional Form		Form 8

Form 7: Financial Proposal (Revised)

COMMERCIAL BID FORMAT

Sl. No.	Item	Bill of Quantity (A)	Unit Price (B)	GST Per Unit (C)	Total Unit Cost (D) (D=B+C)	Total (A x D)
1.	Network Switch (Type – 1)	4				
2.	Network Switch (Type – 2)	1				
3.	SAN Switch	2				
4.	Storage	1				
5.	Rack Server (Type – 1)	2				
6.	Rack Server (Type – 2)	10				
7.	Microsoft Windows Server OS	48				
8.	Copper - CAT 6A, Patch Cord 2 Meter	40				
9.	Copper - CAT 6A, Patch Cord 5 Meter	20				
10.	Copper - CAT 6A, Patch Cord 10 Meter	10				

11.	Fibre - OM4/ OM5 or Latest Patch Cord 2 Meter LC-LC	40				
12.	Fibre - OM4/ OM5 or Latest Patch Cord 5 Meter LC-LC	60				
13.	Fibre - OM4/ OM5 or Latest Patch Cord 10 Meter LC-LC	30				
14.	Fibre - OM4/ OM5 or Latest Patch Cord 15 Meter LC-LC	30				
15.	Fibre - OM4/ OM5 or Latest Patch Cord 25 Meter LC-LC	10				
16.	Fibre - OM4/ OM5 or Latest Patch Cord 2 Meter SC-LC	10				
17.	Fibre - OM4/ OM5 or Latest Patch Cord 15 Meter SC-LC	40				
18.	Fibre - OM4/ OM5 or Latest Patch Cord 25 Meter SC-LC	40				
19.	Standard Compatible PDUs for the Quoted Server & Storage Devices. (Minimum 12 Nos of Sockets in a single PDU)	4				
20.	VMware vcloud suite enterprise (vSphere, vRealize suite with vROPS)	20				
21.	VMware NSX (Advanced)	20				
22.	VMware vRealize Network Insight Advanced	20				
23.	One time Installation & Implementation by OEM Professional for Seamless Integration between IT Centre & GoO Cloud at Odisha State Data Centre (OSDC)	LS				
24.	Certified IT Professional for VMWare Operation & Support Services Payable Quarterly, for the entire Contract Period. (i.e. 4 Qtr. @ 1 Year x 5 Years=20 Qtrs.)	20				
25.	Additional long range transreciever modules	16				
	Grand Total Including GST					
Total Cost In Words						

<To be in Company Letter Head>

< Location, Date>

To

The General Manager (Admin)
Odisha Computer Application Centre
Plot No. - N-1/7-D, Acharya Vihar
P.O. - RRL, Bhubaneswar - 751013
EPBX: 0674-2567280/2567064/2567295
Fax: +91-0674-2567842

Subject: Submission of the financial bid for the Procurement of IT Infrastructure Equipment's for Seamless Integration between IT Centre & GoO Cloud at OSDC, Bhubaneswar.

RFP Reference No: OCAC-NeGP-INFRA-007-2020/20025

Dear Sir/Madam,

I/ We, represent that company is not a subsidiary/ affiliate/ attached office of any Border Companies as may be banned by Government of India for doing business in India as per revision of GFR rule 2020 or if from such a country, has been statutorily registered with the competent authority as per the procedure laid down in reference to Government Orders in this regards.

I/ We, hereby agree to provide copy of and/ or produced original of all such documents as may be necessarily required to be submitted evidence in this regard.

I/ We, hereby certified that this bidder fulfills all requirements in this regard and is eligible to be considered.

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address:

RFP for Procurement of IT Infrastructure Equipments for Seamless Integration between IT Centre & Government of Odisha (GoO) Cloud Set-up at Odisha State Data Centre (OSDC) Bhubaneswar.
RFP Enquiry No. : OCAC-NeGP-INFRA-007-2020/20025

01.	Last date and time for Submission of Bid	12.10.2020 by 2:00 PM
02.	Opening of Pre-Qualification Bids (PQ)	12.10.2020, 4:00 PM
03.	Opening of Technical Bids (TB)	To be Informed.