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CORRIGENDUM – II

WTL/WBSDC/DC/23-24/056 dated 16.01.2024

Sl. No.	Section	Clause No.	Page No.	Present Entry	Replace with		
1.	A	16	10	Support Renewal, Technical Refreshment and Upgradation of existing Checkpoint Make Network Security Devices - Support renewal tenure as per Section - I Support Renewal, Technical Refreshment and Upgradation of existing Checkpoint Make Network Security Devices and other accessories details given in Section- I. Existing Checkpoint Network Security Devices to be extended support renewal, version upgradation and enhancement of feature.	Refreshment and Upgradation of existing Checkpoint Make Network Security Devices - Support renewal tenure as per Section - I 3 years Support Renewal, Technical Refreshment and Upgradation of existing Checkpoint Make Network Security Devices and other accessories details given in Section-I. Bidder needs to provide feature upgradation of existing Network Security Gateway (23500) with minimum 35Gbps Treat Prevention, NGFW throughput minimum 80Gbps, IPS throughput minimum 125Gbps.		
2.	А	17	10	Support Renewal, Technical Refreshment and Upgradation of existing Array Networks make WAF and Load Balancer - Support renewal tenure as per Section - I Support Renewal, Technical Refreshment and Upgradation of existing Array Networks make WAF and Load Balancer details given in Section-I. Existing Array Network Devices to be extended support renewal, version upgradation and enhancement of feature	Support Renewal, Technical Refreshment and Upgradation of existing Array Networks make WAF and Load Balancer - Support renewal tenure as per Section - I 3 years Support Renewal, Technical Refreshment and feature Upgradation of existing Array Networks make WAF and Load Balancer details given in Section-I. Bidder need to provide 2 dedicated devices (for HA mode) of Load Balance and 2 dedicated devices (for HA mode) of WAF consideration of minimum 1000 url support without any performance degradation.		
3.	A	23	12	Support renewal, Technical Refreshment and Upgradation of existing cloud platform / Infrastructure with all existing component details given in Section-I. Bidders are requested to kindly go through the existing infrastructure as per Section – I for existing Cisco Make Servers details and consider only 33 nos. Server for version upgrade as worker nods and 3 nos. server to be consider as Master nods. All these above mentioned servers must be integrated with 2 nos. of Existing SAN Storages "NetApp AFF-A700" and "HPE-3PAR C650" (details as per Section-I) for	Support renewal, Technical Refreshment and Upgradation of existing cloud platform / Infrastructure with all existing component details given in Section-I. Bidders are requested to kindly go through the existing infrastructure as per Section – I for existing Cisco Make Servers details and consider only 33 nos. Server for version upgrade as worker nods and 3 nos. server to be consider as Master nods. All these above mentioned servers must be integrated with 2		

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all the guest VM storage resource. The bidder will have to upgrade and maintain the solution for the next 3 years. Following 36 existing Server configuration details in given as Annexure-1

Bidder should provide solution for feature upgradation and enhancement of existing cloud platform in consideration of 36 servers along with all core and Memory given in **Annexure** – 1.

Bidder also perform migration of existing VM (Approx 300 VM) from existing cloud platform to proposed cloud platform.

Bidder should provide solution for Support Renewal, Technical Refreshment and Upgradation of existing cloud platform / Infrastructure with all existing component consideration of following two options.

OPTION - 1

Bidder may provide necessary Red Hat Openshift Container Platform (Bare Metal Node) Premium with 3 years subscription validity for 33 Worker Nods and 3 Master Nodes consideration of existing Servers configuration like CPU, Core, Memory as per **Annexure – 1**. Bidder also provide Red Hat Enterprise Linux for Virtual Data Centre premium including unlimited guest OS including Red Hat Satellite with 3 years subscription validity.

OPTION - 2

Bidder may provide necessary VMware VCF / VFF license_with 3 years subscription validity for 33 Worker Nods and 3 Master Nodes consideration of existing Servers configuration like CPU, Core, Memory as per **Annexure** – 1. Bidder also provide Red Hat Enterprise Linux for Virtual Data Centre premium including unlimited guest OS including Red Hat Satellite with 3 years subscription validity.

nos. of Existing SAN Storages "NetApp AFF-A700" and "HPE-3PAR C650" (details as per Section-I) for all the guest VM storage resource. The bidder will have to upgrade and maintain the solution for the next 3 years. Following 36 existing Server configuration details in given as Annexure – 1

Bidder should provide solution for feature upgradation and enhancement of existing cloud platform in consideration of 36 servers along with all core and Memory given in Annexure - 1.

Bidder also perform migration of existing VM (Approx 300 VM) from existing cloud platform to proposed cloud platform.

Bidder should provide solution for Support Renewal. Technical Refreshment and Upgradation of existing cloud platform Infrastructure with all existina component consideration of following two options.

<u>OPTION – 1</u>

Bidder may provide necessary Red Hat Openshift Container Platform (Bare Metal Node) Premium with 3 years subscription validity with 24/7 support from respective OEM for 33 Worker Nods and 3 Master Nodes consideration of existing Servers configuration like CPU, Core, Memory as per **Annexure – 1**. Bidder also need to provide unlimited RHEL Guest OS subscription for three (03) years validity for 33 nodes. Red Hat Satellite subscription to be provided for all the RHEL Guest OS.

OPTION - 2

Bidder may provide necessary
VMware VCF / VFF license_with 3
years subscription validity with 24/7
support from respective OEM for 33
Worker Nods and 3 Master Nodes
consideration of existing Servers
configuration like CPU, Core,
Memory as per Annexure – 1. Bidder
also need to provide unlimited RHEL
Guest OS subscription for three (03)
years validity for 33 nodes. Red Hat

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					Satellite subscription to be provided for all the RHEL Guest OS.		
4.	O	6	33	The bidder / group Company should submit Manufacturer's tender specific authorizations for Central UPS System, Precision Air-conditioner System & Cold and Hot Aisle Containment system, Servers & Network Devices, Storage, Backup Device & Backup Software, Router, Hardware Load Balancer & WAF, Network Security Device must be submitted as per format enclosed (Section - L). Authorization to be submitted on OEM's letter head and signed by authorized signatory.	submit Manufacturer's tender specific authorizations for Central UPS System, Precision Airconditioner System & Cold and Hot Aisle Containment system, Servers & Network Devices, Storage, Cloud Platform, Router, Hardware Load Balancer & WAF, Network Security Device must be submitted as per format enclosed (Section - L).		
5.	I	2	49		Bidder will maintain 16 Nos. existing Protective / Dedicated Earth Pit and Earthing infrastructure for DG Sets, Server Rooms and other infrastructure of 1st & 2nd Floor of WBSDC		

<u> Annexure – 1</u>

S1. No.	Device Type	Model	Serial Number	CPU Per server	Total Physical Core of all server	Total Memory of all server (GB)
1	Blade Server	UCS B200 M5	FCH22227YVP, FCH22247L08,FCH22247LDA, FCH22247762,FCH22247TR3, FCH22227YHJ, FCH22247M3R,FCH22247LPW, FCH22247LFW, FCH22247NXH,FCH22247N4B,FCH22227ZL4, FLM244306AU,FLM24420BGK,FLM244304Q5, FLM244306AJ,FLM24420AKD,FLM244306DP	2 Physical CPU X 22 Core per CPU	792	11008
2	Blade Server	UCS B200 M5	FCH222477NW,FCH22247L6D,FCH222476XC, FCH22247L81,FCH22247LYS,FCH22247LYK, FCH22247LAB, FCH22247LQQ,FCH22247LJ5, FCH222477BA,FCH23027GZM,FCH22247LLP, FCH22247LQP,FCH22237ESU,FCH22247LP1, FCH22247LXM,FCH2224775M	2 Physical CPU X 14 Core per CPU	476	15488
3	Rack Server	UCS C480 M5	FCH2214W004	4 Physical CPU X 20 Core per CPU	80	512
		1348	27008			