WEBEL TECHNOLOGY LIMITED

CORRIGENDUM – I

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

Sl. No.	Section	Clause No.	Page No.	Present Entry	Replace with
1.	A	23	12	Support renewal, Technical Refreshment and Upgradation of existing cloud platform / Infrastructure with all existing component details given in Section-I. At present, WBSDC is utilizing Red Hat Virtualization platform and Red Hat OpenStack Cloud Platform to host different VM based application workloads distributed across 33 Cisco UCS B200 M5 physical servers. The deployed platform was/is entitled to run unlimited Red Hat Enterprise Linux Guest OS on the platform with Red Hat Satellite. Red Hat Platform subscriptions for the physical servers have already expired in October 2023. However, as the industry accelerates and scales their hybrid cloud initiatives, WBSDC is looking for a modernization strategy for virtual machine (VM) based workloads with technical and solution upgrades of the existing deployment. The bidder needs to enable the new features and functionalities which are available in the upgraded environment as a part of the technical and solution upgrade of the existing deployment. To ease this adoption, WBSDC wants to upgrade the existing environment into a single platform for applications that can leverage either a subset of, or all of, virtual machines, containers, and serverless together. The bidder needs to provide Red Hat platform subscriptions for the next 3 years for the 33 existing	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 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 /

				Cisco UCS B200 M5 physical servers which will support the existing available features of virtualization i.e. VM creation & management, VM cloning & import, managing network interface controllers and storage disks attached to virtual machines along with provision for creating unlimited guest VMs with RHEL OS. In addition to it, the bidder also needs to ensure that the upgraded solution is implemented with new enhanced solution features like logging, monitoring, CI/CD pipelines, GitOps, separate Developer & Administrator console, service mesh, serverless & container workload management.	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.
2.	B	15	19	a) Back to Back Support renewal / subscription renewal from respective OEM for existing IT & Non-IT products will be completed within 4 weeks after from the date of award. Bidder & OEM will provide uninterrupted back-to-back support upgrade / subscription renewal from respective OEM without any period gap	a) Back to Back Support renewal / subscription renewal from respective OEM for existing IT & Non-IT products will be completed within 4-6 weeks after from the date of award/LoI/Work Order. Bidder & OEM will provide uninterrupted back-to-back support upgrade / subscription renewal from respective OEM without any period gap

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3.	K	4	82	UPS OEM shall provide a monitoring software which should be able to command certain protective actions such a migration of virtual machines, controlled shutdown, or disaster recovery relation actions. The software shall be compatible with third party information technologies solutions connector of VMWARE & CITRIX., Microsoft, Cisco, Nutanix, Open stack etc.	Proposed UPS system should integrate with existing BMS installed at WBSDC (existing BMS details given in Section – I). OEM should provide necessary accessories for smooth integration of existing BMS for monitoring of proposed UPS

Annexure – 1

Sl. 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,FCH222477R3, FCH22227YHJ, FCH22247M3R,FCH22247LPW, FCH22247LFW, FCH22247MXH,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
			Total		**1348**	**27008**