

**Amendment-3 to "RFP 22/2019-20 dated 21/03/2020 for Supply, Installation, Configuration, Implementation and Maintenance of Servers and Other Items in Canara Bank"**

**It is decided to amend the following in respect of the above RFP:**

Description	Existing details	Amended details
	Date, Time and Venue	Date, Time and Venue
Last Date and Time for Submission of Bids	27/04/2020, Monday upto 3.00pm Venue: Canara Bank, First Floor, DIT Wing, HO (Annex), Naveen Complex, 14 M G Road, Bengaluru 560001	<b>08/05/2020, Friday upto 3.00 PM</b> Venue: Canara Bank, First Floor, DIT Wing, HO (Annex), Naveen Complex, 14 M G Road, Bengaluru 560001.
Date, Time & Venue for opening of Part A- Conformity to Eligibility Criteria.	27/04/2020, Monday at 3.30pm Venue: Canara Bank, Second Floor, Conference Hall, DIT Wing-HO (Annex), Naveen Complex, 14 M G Road, Bengaluru 560001.	<b>08/05/2020, Friday at 3.30 PM</b> Venue: Canara Bank, Second Floor, Conference Hall, DIT Wing-HO (Annex), Naveen Complex, 14 MG Road, Bengaluru 560001.

Sl. No.	Page No.	Section/ Annexure/ Appendix of the RFP	Clause No.	Existing	Amended
a.	16	C. DELIVERABLES SERVICE LEVEL AGREEMENTS (SLAs)	<b><u>6. Penalties/ Liquidated Damages</u></b>	<b><u>6.2. Penalties/Liquidated damages for not maintaining uptime:</u></b> 6.2.2 The Maximum Penalty levied under the above clause shall not be more than 20% of the Order value during warranty period of 5 Years.	6.2.2 The Maximum Penalty levied under the above clause shall not be more than <b>10% of the Total</b> Order value during warranty period of 5 Years.
b.	34-35	Annexure-7	Annexure-7-	Annexure-7-Functional and Technical Specifications /Requirements for Supply, Installation, Configuration, Implementation and Maintenance of Servers and Other items in Canara Bank	Amended Annexure-7 (Functional and Technical Specifications /Requirements for Supply, Installation, Configuration, Implementation and Maintenance of Servers and Other items in Canara Bank) is attached as Annexure.
c.	40-42	Annexure- 14	Annexure- 14	Bill of Material	Amended Bill of Material (Annexure-14) is attached as Annexure.



d. Amended Requirement Details {Clause no. 6 of section B. INTRODUCTION on page no. 10}

**6. Requirement Details:**



- 6.1. Bank invites sealed offers ('Conformity to Eligibility Criteria', 'Technical Proposal' and 'Commercial Bid (Indicative)') for Supply, Installation, Configuration, Implementation and Maintenance of Servers and Other related items in Canara Bank for Data Center (DC) & Disaster Recovery Center (DRC) as per the Terms & Conditions, Technical Specifications and Scope of Work described elsewhere in this document. The brief description of Solution is furnished in following table:

Sl. No.	Item Details	Quantity
a.	Servers as per Annexure-7(A).	6 Servers (3 in DC and 3 in DRC)
b.	Windows Server 2019 Standard Edition OS (downgradable to Windows Server 2016 Standard OS with Downgradable Kit)	96 quantities of 2-Packs of Core licenses with at least 02 years of Software Assurance (SA). (Total number of Cores are 192)

- 6.2. Detailed technical specification for each of the above is furnished in Annexure-7. All the Hardware, ordered for Supply, Installation, Configuration, Implementation and Maintenance of Servers and Other related items should have comprehensive onsite warranty of Five (5) Years. Operating system should be with 2 Years Software Assurance.
- 6.3. Bank reserves the right to increase or decrease the quantum of purchase by 25% in respect to the quantity specified in this tender at the same rate arrived at on the Terms and Conditions of this Tender. Bank may place repeated order for the same within the price validity of the Bid.

All the other Instructions and Terms & Conditions of the above RFP remain unchanged. Please take note of the above Amendments while submitting your response to the subject RFP.

Date: 24/04/2020  
Place: Bengaluru

  
Deputy General Manager  


**Functional and Technical Specifications /Requirements for Supply, Installation, Configuration, Implementation and Maintenance of Servers and Other items in Canara Bank**

**SUB: RFP for Supply, Installation, Configuration, Implementation and Maintenance of Servers and Other items in Canara Bank.**

**Ref: Your RFP 22/2019-20 dated 21/03/2020**

**Note:**

1. The Bidder shall specifically mention the make and model of the items offered for all the requirements in terms of RFP without fail, failing which the Bid is liable for rejection.
2. If the Bidder feels that certain features offered are superior to what has been specified by the Bank, it shall be highlighted separately. Information regarding any modification required in the proposed configuration to meet the intent of the specifications and state-of-the-art technology shall be provided. However, the Bank reserves the right to accept the modifications / superior features suggested/offered.
3. The Bidder shall provide all other required equipment and services, whether or not explicitly mentioned in this RFP, to ensure the intent of specification, completeness, operability, maintainability and upgradability.
4. The selected bidder shall own the responsibility to demonstrate that the products offered are as per the specification/performance stipulated in this RFP and as committed by the bidder either at site or in bidder's work site without any extra cost to the Bank.

**A. Technical specifications for Application and Database servers(3 Nos. at DC and 3 Nos. at DR):**

Sl. No.	Particulars	Detailed Configuration	Bidder's Compliance (Yes/No)
1.	Make of the Server	Bidder to Specify	
2.	Model of the Server	Bidder to Specify	
3.	Processors	2 X Intel® Xeon® <u>Gold 5218R Processor</u> (16 Core, <u>2.10 GHZ Base Frequency, 27.5 MB L3 Cache</u> ) or higher.	
4.	Chipset	Suitable Certified Intel Chipset Compatible With CPU.	
5.	RAM	Minimum 512 GB DDR4 RAM with 2666 MHz and upgradable up to at least 1TB.	
6.	HDD	Minimum usable 2TB <u>SAS</u> SSD Disk in RAID 5 of higher capacity hot swappable disks.	
7.	HDD Bays	2.5" backplane with minimum 8 drives.	
8.	Raid	Minimum 12Gbps RAID controller (RAID 0,1,5,6,10) with minimum 1GB cache.	
9.	NIC	Minimum 2Nos of 10GBASE-T Ports and 4Nos of 1GBE for Network Connectivity	
10.	FC HBA	Minimum 2 Nos of 16Gbps FC Host Bus Adapters (HBA) Ports for SAN Connectivity.	
11.	Slots	Minimum 3 numbers empty PCIe Gen3 Slots	
12.	Form Factor	Maximum 2U rack mountable with rack mount kit and rails	
13.	Ports	Minimum 1 USB, 1 Serial, 1 VGA or higher	
14.	OS & Hypervisor Support	Server should support All Kind of x86 & x86_64 (Windows Server 2016, 2019, Redhat Linux 7 & 8), Hypervisor Support (ESXI & Hyper-V)	



15.	Power Supply	Server should be provided with Redundant hot swappable Power supplies of maximum 1200W.	
16.	FAN	Server should have redundant fully populated Hot swap fans	
17.	Security	TPM 1.2/2.0 optional, Hardware root of trust, Secure Boot, System Lockdown, System Erase	
18.	Drivers & Accessories	Required drivers and accessories to be provided	
19.	Remote Management	Management of hardware and software components, Power on/off, boot process, Management log, dedicated Management ports. Should able to integrate with industry wide KVM solution.	
20.	Server Management	Management software should provide Role Based Security and able to provide pre-failure alarms for CPU, Memory & HDD by SMTP.	
21.	Cables	Minimum 4 Nos of Ethernet cables (minimum 5 meters length) to support 1GBE network traffic, Minimum 4 Nos of Ethernet cables (minimum 5 meters length) to support 10GBASE-T network traffic, Minimum 4 Nos of Fiber Channel Cables (minimum 35 meters length). The Length of Power Cables should be 0.5 Meter to 1 Meter.	
22.	Warranty and Support	05 Years, Comprehensive, On-Site Support Warranty including part replacement/repairs within 4 hours of reporting, and Software support for updates, upgrades, patches, and bug fixes for supplied s/w from OEM 24 x 7 x 365 days. SSD drives should be covered for irrespective of read/writes on them. In case of Disk failure the faulty disk will be maintained /destroyed by Canara Bank. Proactive storage monitoring & support from OEM should be enabled. The proposed bidder will need to ensure support of product & change of components @ zero cost in case of any part becoming obsolete/EOL & EOS	

**B. Technical Specifications of Software:**

Sl. No.	Software/Operating System	Particulars	Bidder's Compliance (Yes/No)
1.	Windows Server 2019 Standard Edition OS (downgradable to Windows Server 2016 Standard OS with Downgradable Kit)	96 quantities of 2-Packs of Core licenses with at least <u>02 Years</u> of Software Assurance (SA). (Total number of Cores are 192)	

**Note: Bidders must fully comply with all requirements. Non-Compliance to any one of the requirements leads to disqualification of the Bidder in Part B - Technical Proposal.**

Date

Signature with seal

Name :

Designation :

**Amended Annexure- 14**  
**Bill of Material**

SUB: RFP for Supply, Installation, Configuration, Implementation and Maintenance of Servers and Other items in Canara Bank.

Ref: Your RFP 22/2019-20 dated 21/03/2020

Notes

1. These details should be on the letter head of Bidder and each & every page should be signed by an Authorized Signatory with Name and Seal of the Company.
2. Please be guided by RFP terms, subsequent amendments and replies to pre-bid queries (if any) while quoting.
3. Do not change the structure of the format nor add any extra items.
4. No counter condition/assumption in response to commercial bid will be accepted. Bank has a right to reject such bid.

**Table -A**  
**Price details of Servers and Other items in Canara Bank**

[Amount in Indian Rupees]

Sl. No.	Requirement Details	Cost Price				Quantity	Total Cost with 5 Years Comprehensive Onsite Warranty (Incl. of tax)
		Unit Price with 5 years' Comprehensive onsite warranty and support (Excl. of Tax)	Tax for Column A		Unit Price with 5 years' Comprehensive onsite warranty and support (Incl. of Tax)		
		A	B= % of tax	C= Tax Amt.	D= A+C		
1.	Servers as per Annexure-7-A					6	

**Table-B**  
**Price details of Operating Systems Software**

[Amount in Indian Rupees]

Sl. No.	Item Details	Unit Price (Excl. of Tax)	Tax for Column A		Unit Price (Incl. of tax)	Quantity	Total Cost (Incl. of tax)
		A	B % of tax	C Tax Amt.	D=A+C		E
1.	Windows Server 2019 Standard Edition OS (downgradable to Windows Server 2016 Standard OS with Downgradable Kit) as per Annexure-7(B) with at least <u>02 years</u> Software Assurance  [2-Packs of Core licenses with at least 02 years of Software Assurance (SA). (Total number of Cores are 192)]					96	



**Table-C**  
**Total Cost for 5 Years Contract Period**

[Amount in Indian Rupees]

Sl. No.	Details	Total Cost of Ownership [inclusive of tax]
A	Price details of Servers & Other Items as per Table-A [Total of Column F]	
B	Price details of Operating Systems Software per Table-B [Total of Column F]	
C	Total Cost of Ownership [Sum of A and B]	

**Undertaking**

- i. Bill of material is submitted on the letter head and is signed by an Authorized Signatory with Name and Seal of the Company.
- ii. We confirm that we have gone through RFP clauses, subsequent amendments and replies to pre-bid queries (if any) and abide by the same.
- iii. We have not changed the structure of the format nor added any extra items. We note that any such alternation will lead to rejection of Bid.
- iv. We agree that no counter condition/assumption in response to commercial bid will be accepted by the Bank. Bank has a right to reject such bid.
- v. We are agreeable to the payment schedule as per "Payment Terms" of the RFP.

Date

Signature with seal

Name :  
Designation :

