

Pragathi Krishna Gramin Bank - RFP for procurement of blade servers
Appendix 01 - Bill of Materials (RFP no. PMO:RFP:4/2018-19)

Important Instructions: All Bidders have to compulsorily adhere to the following:

I Overall	
1	The bidder is expected to quote the costs for all items required for fully complying with the requirements of the RFP and the addenda in the respective sections of the price bid. The prices for the respective sections would be deemed to include all components required to successfully implement and maintain the solution for the contract period.
2	Bank is not responsible for any arithmetic errors in the commercial bid details sheet committed by the shortlisted bidders, however, if there are any computational errors the Bank will evaluate the Bid as per provisions contained under RFP document.
3	The bidder is expected to specify the type of licences along with the details with respect to quantity/rate/etc, wherever applicable
4	In case the bidder includes/combines any line item as part of any other line item in the commercial bid, then this has to be clearly mentioned in the description indicating the line item which contains the combination
5	The bidder has to quote for each line item. If any line item is part of the solution proposed in the RFP response, it has to be referenced. If it is not applicable, then the Bidder has to mention Not Applicable (NA).
6	Refer to the RFP for the tax details, thus certain Tax information is to be mentioned separately in this Bill of Material. The TAX TYPE and PERCENTAGE should be clearly mentioned in the masked and the unmasked versions of the Bill of Materials.
7	The Bidder may insert additional line items as applicable based on the solution offered in the respective tabs
8	The Bidders should quote as per the format of Bill of Materials ONLY and a masked replica of the Bill of Materials should be enclosed in the technical bid.
9	Bidder is required to cover component by component licensing details for each of the hardware and software components proposed to the Bank.
10	The <u>masked</u> Bill of Materials which would be submitted as part of the Technical Bill of Material should contain "XX" for ALL the corresponding commercial values that will be present in the unmasked Bill of Material that will be part of the Commercial submission.
11	Quantities mentioned in Year 2 should be incremental over Year 1, Year 3 should be incremental over Year 2 and so on.
12	All amounts in the Bill of Material should be in INR
II Software	
1	The bidder has to quote for each line item. If any line item is part of the solution proposed in the RFP response, it has to be referenced. If it is not applicable, then the Bidder has to mention Not Applicable (NA).
2	The Bidder can insert additional line items as applicable based on the solution offered in the various tabs
3	The license type has to be clearly described in the description column
4	All installation charges for application, database and OS have to be quoted separately, as applicable.
III Hardware DC - DR	
1	The description for all hardware should strictly contain the following items in the same order: a. Model / Make of the Hardware b. Latest Release (Make and model) in the series/product family including Hardware class (Ex: Entry level, Medium level, Enterprise level) c. No. of Nodes including No. of Cores/node and No. of RAM/node d. Processor quantity, frequency, Cache memory e. Memory quantity, total memory f. Operating system g. NIC quantity, make h. Other critical components
3	The bidder has to quote for each line item. If any line item is part of the solution proposed in the RFP response, it has to be referenced. If it is not applicable, then the Bidder has to mention NA.
4	Any installation & commissioning charges for hardware have to be quoted separately

IV Waranty and AMC	
1	All the hardware proposed should be covered under warranty for a minimum period of 3 years; Post this the bidder should quote AMC for the remaining period of the contract
2	All the software proposed should be covered under warranty for a minimum period of 1 year; Post this the bidder should quote ATS for the remaining period of the contract
3	The AMC costs for the Production DC & DR, test & development have to be quoted separately
4	The AMC and ATS cost for individual hardware/applications/database/OS has to be quoted in separate line items in this section. The Bidder has to create additional line items in this section if required
5	The Tax details are to be mentioned separately as per the RFP guidelines.

The Bidder is expected to quote the costs for all items required for fully complying with the requirements of the RFP in the respective sections of the price bid. The prices for the respective sections would be deemed to include all components required to successfully implement and maintain the solution for the period of the contract.

SUMMARY OF COSTS

Items	Year 1	Year 2	Year 3	Year 4	Year 5	Total Amount	Total Tax	Total Amount Including Tax (INR)
a. DC-DRC hardware cost								
b. Software cost								
c. Implementation Cost								
d. AMC & ATS								
e. Buy back cost								
f. Optional cost								
TOTAL COST OF OWNERSHIP (TCO)								

All the prices of this document should flow correctly from the respective sheets

DC-DRC Hardware Cost

Data Centre Hardware (DC)

Item	Category	Part Number	Description	Year 1			Year 2			Year 3			Year 4			Year 5			Total Amount (INR)	Tax Type	Tax Percentage	Tax Value (INR)	Total Amount including Tax (INR)
				Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)					
Blade Servers				9		0		0		0		0		0		0		0				0	
Blade Chassis				2		0		0		0		0		0		0		0				0	
Blade Management Server						0		0		0		0		0		0		0				0	
Blade I/O panel				2		0		0		0		0		0		0		0				0	
Rack Servers for CTS outward application				2		0		0		0		0		0		0		0				0	
Backup Solution - Tape Drive LTO7				1		0		0		0		0		0		0		0				0	
Backup Solution - Data Mover Rack Server				1		0		0		0		0		0		0		0				0	
<i>Any other, please specify</i>						0		0		0		0		0		0		0				0	
Other DC Costs																							
Cabling						0		0		0		0		0		0		0				0	
Cards						0		0		0		0		0		0		0				0	
<i>Any other, please specify</i>						0		0		0		0		0		0		0				0	
Total DC Production Environment Cost						0		0		0		0		0		0		0				0	

Disaster Recovery Site Hardware (DRC)

Item	Category	Part Number	Description	Year 1			Year 2			Year 3			Year 4			Year 5			Total Amount (INR)	Tax Type	Tax Percentage	Tax Value (INR)	Total Amount including Tax (INR)
				Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)					
Blade Servers				6		0		0		0		0		0		0		0				0	
Blade Chassis				2		0		0		0		0		0		0		0				0	
Blade Management Server						0		0		0		0		0		0		0				0	
Blade I/O panel				2		0		0		0		0		0		0		0				0	
Rack Server for CTS outward application				1		0		0		0		0		0		0		0				0	
PCI X HSM card for Rack Server for CTS outward application				1		0		0		0		0		0		0		0				0	
Backup Solution - Tape Drive LTO7				1		0		0		0		0		0		0		0				0	
Backup Solution - Data Mover Rack Server				1		0		0		0		0		0		0		0				0	
<i>Any other, please specify</i>						0		0		0		0		0		0		0				0	
Other DRC Costs																							
Cabling						0		0		0		0		0		0		0				0	
Cards						0		0		0		0		0		0		0				0	
<i>Any other, please specify</i>						0		0		0		0		0		0		0				0	
Total DRC Production Environment Cost						0		0		0		0		0		0		0				0	

Total Hardware Cost (DC and DRC)						0		0		0		0		0		0		0				0
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Software Cost

Software Applications/Solutions for all environments

Items for Data Center	Type of License	Quantity	Description along with the Version numbers of the licenses	Year 1			Year 2			Year 3			Year 4			Year 5			Total Amount (5 years) (INR)	Tax Type	Tax Percentage	Tax Value (INR)	Total Amount including Tax (INR)
				Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)					
Operating System - Microsoft Windows Server	Datacenter Edition	88				0			0			0			0			0				0	
Database - Microsoft SQL Server	Enterprise Edition	32				0			0			0			0			0				0	
Microsoft SQL Server Software Assurance for three years		32				0			0			0			0			0				0	
Microsoft Windows Server Standard edition without SA for CTS outward application	Standard Edition	20				0			0			0			0			0				0	
Microsoft SQL Server Standard edition with SA for CTS outward application	Standard Edition	10				0			0			0			0			0				0	
Microsoft Windows Server Standard edition without SA for Data Mover Server as part of Backup solution	Standard Edition	8				0			0			0			0			0				0	
Virtualization Software						0			0			0			0			0				0	
Virtual Machine Manager						0			0			0			0			0				0	
Backup Software License	PVU	9520				0			0			0			0			0				0	
Data replication software license (between DC and DRC)						0			0			0			0			0				0	
Any Other, (Please specify)						0			0			0			0			0				0	
Total Software Cost for Data Center (A)						0			0			0			0			0				0	

Items for Disaster Recovery Center	Type of License	Quantity	Description along with the Version numbers of the licenses	Year 1			Year 2			Year 3			Year 4			Year 5			Total Amount (5 years) (INR)	Tax Type	Tax Percentage	Tax Value (INR)	Total Amount including Tax (INR)
				Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)					
Operating System - Microsoft Windows Server	Datacenter Edition	60				0			0			0			0			0				0	
Database - Microsoft SQL Server	Enterprise Edition	24				0			0			0			0			0				0	
Microsoft SQL Server Software Assurance for three years		24				0			0			0			0			0				0	
Microsoft Windows server standard without Software Assurance for CTS outward application	Standard Edition	10				0			0			0			0			0				0	
Microsoft SQL Server Standard edition without SA for CTS outward application	Standard Edition	10				0			0			0			0			0				0	
Microsoft Windows Server Standard edition without Software Assurance for Data Mover Server as part of Backup solution	Standard Edition	8				0			0			0			0			0				0	
Virtualization Software						0			0			0			0			0				0	
Virtual Machine Manager						0			0			0			0			0				0	
Backup Software License	PVU	8400				0			0			0			0			0				0	
Any Other, (Please specify)						0			0			0			0			0				0	
Total Software Cost for Disaster Recovery Center (B)						0			0			0			0			0				0	

Total Software Cost (A+B)						0			0			0			0			0				0
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Implementation Cost																				
Other Applications	Year 1			Year 2			Year 3			Year 4			Year 5			Total Amount (All years) (INR)	Tax Type	Tax Percentage	Tax Value (INR)	Total Amount including Tax (INR)
	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)					
Installation of OS, DB and Hypervisor			0			0			0			0			0	0			0	
Installation and configuration of VMs			0			0			0			0			0	0			0	
Installation and configuration of DC-DRC replication			0			0			0			0			0	0			0	
<i>Any Other, (Please specify)</i>			0			0			0			0			0	0			0	
Total Other Applications ATS Cost (A)			0			0			0			0			0	0			0	
Total Implementation Cost																				

Note :
 The Bidder is expected to provide a detailed break up of all products and services that are under the scope of facilities management as part of the technical bid, in the technical bill of materials i.e. the above format is expected to be replicated for each item to be covered under the scope of facilities management.

AMC, ATS & Others

Software ATS Costs

Other Applications	Year 1			Year 2			Year 3			Year 4			Year 5			Total Amount (All years) (INR)	Tax Type	Tax Percentage	Tax Value (INR)	Total Amount including Tax (INR)
	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)					
Application 1			0			0			0			0			0	0			0	0
Application 2			0			0			0			0			0	0			0	0
Application 3			0			0			0			0			0	0			0	0
Virtualization Software AMC			0			0			0			0			0	0			0	0
Any Other, (Please specify)			0			0			0			0			0	0			0	0
Total Other Applications ATS Cost (A)			0			0			0			0			0	0			0	0

AMC for Blade Server Hardware for DC and DRC

AMC for Hardware & Other IT infrastructure	Year 1			Year 2			Year 3			Year 4			Year 5			Total Amount (All years) (INR)	Tax Type	Tax Percentage	Tax Value (INR)	Total Amount including Tax (INR)
	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)					
Blade Server															0	0				0
Blade Chassis															0	0				0
Management Server															0	0				0
IO Panel															0	0				0
Rack Servers															0	0				0
PCI X HSM card															0	0				0
OEM Warrenty Cost															0	0				0
Any other, please specify															0	0				0
Any other, please specify															0	0				0
Total AMC Cost (B)															0	0				0

Total AMC and ATS Cost (A+B)																					#REF!	#REF!	#REF!	#REF!	#REF!
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Note :
The Bidder is expected to provide a detailed break up of all products and services that are under the scope of facilities management as part of the technical bid, in the technical bill of materials i.e. the above format is expected to be replicated for each item to be covered under the scope of facilities management.

DC-DRC Hardware and Software Cost

Data Centre (DC)

Item	Category	Part Number	Description	Year 1			Year 2			Year 3			Year 4			Year 5			Total Amount (INR)	Tax Type	Tax Percentage	Tax Value (INR)	Total Amount including Tax (INR)
				Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)					
Rack Server (AML Application)				3		0			0			0			0			0				0	
AMC Cost																							
<i>Any other, please specify</i>						0			0			0			0			0				0	
Other DC Costs																							
Cabling						0			0			0			0			0				0	
Cards						0			0			0			0			0				0	
<i>Any other, please specify</i>						0			0			0			0			0				0	
Total DC Production Environment Cost (A)						0			0			0			0			0				0	

Disaster Recovery Site (DRC)

Item	Category	Part Number	Description	Year 1			Year 2			Year 3			Year 4			Year 5			Total Amount (INR)	Tax Type	Tax Percentage	Tax Value (INR)	Total Amount including Tax (INR)
				Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)	Qty	Rate (INR)	Total Amt (INR)					
Rack Servers (AML application)				2		0			0			0			0			0				0	
AMC Cost																							
<i>Any other, please specify</i>						0			0			0			0			0				0	
Other DRC Costs																							
Cabling						0			0			0			0			0				0	
Cards						0			0			0			0			0				0	
<i>Any other, please specify</i>						0			0			0			0			0				0	
Total DRC Production Environment Cost (B)						0			0			0			0			0				0	
Total Hardware and Software Cost (A+B)						0			0			0			0			0				0	

Hardware available for Buy back

Type of hardware				
#	In Data Center	Description of Blade and Processor	Quantity	Cost (Rs)
1	Blade Server (Type 1)	Cisco UCS B200 M2 series (Intel Xeon E5620 @ 2.4 GHz)	28	
2	Blade Server (Type 2)	Cisco UCS B200 M2 series (Intel Xeon E5680 @ 3.33 GHz)	3	
3	Blade Server Fabric Interconnect	Cisco UCS 6120XP 20 Port Fabric Interconnect	2	
4	Blade Server Fabric Extender	Cisco UCS 2104xp	6	
5	Blade Server Chassis	Cisco UCS 5108 Blade Server Chassis with 3 Power Supplies	3	
		Sub-total of Hardware in DC		
#	In Disaster Recovery Center	Description of Blade and Processor	Quantity	Cost (Rs)
1	Blade Server (Type 1)	Cisco UCS B200 M2 series (Intel Xeon E5620 @ 2.4 GHz)	26	
2	Blade Server (Type 2)	Cisco UCS B200 M2 series (Intel Xeon E5680 @ 3.33 GHz)	3	
3	Blade Server Fabric Interconnect	Cisco UCS 6120XP 20 Port Fabric Interconnect	2	
4	Blade Server Fabric Extender	Cisco UCS 2104xp	8	
5	Blade Server Chassis	Cisco UCS 5108 Blade Server Chassis with 3 Power Supplies	4	
		Sub-total of Hardware in DC		
		Grand Total of Hardware cost in DC and DRC		