Annexure-Technical

RFP Ref: LIC/CO/IT-BPR/HW/2023-24/05 Dated: 29.03.2024

Bidder Name

Address

Contact/Mobile Number

Email Id

Instructions

1. The cells, where the bidder has to input values, are highlighted in green.
2. Bidder Has to compulsorily give response for all items.
3. No changes should be made to the specifications given by LIC

Note: Soft copy of this Annexure in the given format is to be submitted alongwith the relevant brochures of the line item with the specifications highlighted in the Brochure.

Date:

Bidder:					
Option 1	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 **Part I : 2A PC With Windows OS**	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i3-12100 or Higher OR AMD Ryzen 3 5300G or Higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Form factor	Micro Tower / SFF/ Mini				
Chipset*	Intel / AMD compatible chipset (Intel H610/H670/B660/Q670/AMD Pro 500/ Pro 565/ B550)				
Memory	Single Module 8GB DDR4 2666 MHz				
Memory Slots	2 Nos. DIMM Slot				
Memory Expandability	Expandable to 64 GB				
Storage Controller	SATA III 6 GBPS				
HDD	500 GB SATA III -7200 RPM & 256 GB PCIe NVMe SSD				
NIC	ON BOARD 10/100/1000 Mbps				
Expansion Slots	2 PCI/PCIe				
Graphics	Integrated Graphics				
Audio	Integrated Audio Controller				
Interface	1 Serial, 1 Parallel and 8 USB, 4 x 2.0 + 4 x 3.0 (any 4 In front), Audio Ports Serial and Parallel port can be provided through connector (subject to successful POC)				

* B550 not eligible

Power Supply	Max 320 watt				
Monitor	19.5" or higher TFT Wide of same OEM TCO 8 or higher certified (Preview to be excluded) Aspect Ratio 16:9				
Keyboard	104 Keys Mechanical Keyboard				
Pointing Device	2 button USB Optical Scroll Mouse of same OEM with Pad				
OS	Preloaded Windows 11 and above Professional Edition (64 bit) along with latest Service Pack Note : The quoted model should be Windows certified.				
OS Compatibility	OS Compatibility and driver availability for Windows 11				
Drivers	All drivers related to the product should be available for download from the OEM Website/ Portal				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**

Bidder:					
Option 2	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 **Part I : 2A PC With Windows OS**	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i3-12100 or Higher OR AMD Ryzen 3 5300G or Higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Form factor	Micro Tower / SFF/ Mini				
Chipset*	Intel / AMD compatible chipset (Intel H610/H670/B660/Q670/AMD Pro 500/ Pro 565/ B550)				
Memory	Single Module 8GB DDR4 2666 MHz				
Memory Slots	2 Nos. DIMM Slot				
Memory Expandability	Expandable to 64 GB				
Storage Controller	SATA III 6 GBPS				
HDD	500 GB SATA III -7200 RPM & 256 GB PCIe NVMe SSD				
NIC	ON BOARD 10/100/1000 Mbps				
Expansion Slots	2 PCI/PCIe				
Graphics	Integrated Graphics				
Audio	Integrated Audio Controller				
Interface	1 Serial, 1 Parallel and 8 USB, 4 x 2.0 + 4 x 3.0 (any 4 In front), Audio Ports Serial and Parallel port can be provided through connector (subject to successful POC)				

* B550 not eligible

Power Supply	Max 320 watt				
Monitor	19.5" or higher TFT Wide of same OEM TCO 8 or higher certified (Preview to be excluded) Aspect Ratio 16:9				
Keyboard	104 Keys Mechanical Keyboard				
Pointing Device	2 button USB Optical Scroll Mouse of same OEM with Pad				
OS	Preloaded Windows 11 and above Professional Edition (64 bit) along with latest Service Pack Note : The quoted model should be Windows certified.				
OS Compatibility	OS Compatibility and driver availability for Windows 11				
Drivers	All drivers related to the product should be available for download from the OEM Website/ Portal				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**

Bidder:					
Option 1	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 Part I : 2B PC Without OS	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i3-12100 or Higher OR AMD Ryzen 3 5300G or Higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Form factor	Micro Tower/ SFF/ Mini				
Chipset*	Intel / AMD compatible chipset (Intel H610/H670/B660/Q670/AMD Pro 500/ Pro 565/ B550)				
Memory	Single Module 8GB DDR4 2666 MHz				
Memory Slots	2 Nos. DIMM Slot				
Memory Expandability	Expandable to 64 GB				
Storage Controller	SATA III 6 GBPS				
HDD	500 GB SATA III -7200 RPM & 256 GB PCIe NVMe SSD				
NIC	ON BOARD 10/100/1000 Mbps				
Expansion Slots	2 PCI/PCIe				
Graphics	Integrated Graphics				
Audio	Integrated Audio Controller				
Interface	1 Serial, 1 Parallel and 8 USB, 4 x 2.0 + 4 x 3.0 (any 4 In front), Audio Ports Serial and Parallel port can be provided through connector (subject to successful POC)				
Power Supply	Max 320 watt				

* B550 not eligible

Monitor	19.5" or higher TFT Wide of same OEM TCO 8 or higher certified (Preview to be excluded) Aspect Ratio 16:9				
Keyboard	104 Keys Mechanical Keyboard				
Pointing Device	2 button USB Optical Scroll Mouse of same OEM with Pad				
OS	Certified for RHEL 8.x OR Submission of Model for POC and submission of Annexure XV - RHEL-Undertaking				
OS Compatibility	OS Compatibility and driver availability for Windows 11				
Drivers	All drivers related to the product should be available for download from the OEM Website/ Portal				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**

Bidder:					
Option 2	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 Part I : 2B PC Without OS	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i3-12100 or Higher OR AMD Ryzen 3 5300G or Higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Form factor	Micro Tower/ SFF/ Mini				
Chipset*	Intel / AMD compatible chipset (Intel H610/H670/B660/Q670/AMD Pro 500/ Pro 565/ B550)				
Memory	Single Module 8GB DDR4 2666 MHz				
Memory Slots	2 Nos. DIMM Slot				
Memory Expandability	Expandable to 64 GB				
Storage Controller	SATA III 6 GBPS				
HDD	500 GB SATA III -7200 RPM & 256 GB PCIe NVMe SSD				
NIC	ON BOARD 10/100/1000 Mbps				
Expansion Slots	2 PCI/PCIe				
Graphics	Integrated Graphics				
Audio	Integrated Audio Controller				
Interface	1 Serial, 1 Parallel and 8 USB, 4 x 2.0 + 4 x 3.0 (any 4 In front), Audio Ports Serial and Parallel port can be provided through connector (subject to successful POC)				
Power Supply	Max 320 watt				

* B550 not eligible

Monitor	19.5" or higher TFT Wide of same OEM TCO 8 or higher certified (Preview to be excluded) Aspect Ratio 16:9				
Keyboard	104 Keys Mechanical Keyboard				
Pointing Device	2 button USB Optical Scroll Mouse of same OEM with Pad				
OS	Certified for RHEL 8.x OR Submission of Model for POC and submission of Annexure XV - RHEL-Undertaking				
OS Compatibility	OS Compatibility and driver availability for Windows 11				
Drivers	All software components pertaining to the hardware configuration such as drivers should be provided for windows.				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**

Bidder:					
Option 1	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 **Part I : 2D-1 Developer PC Without OS**	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i7-12700 Processor or Higher OR AMD® Ryzen 7 5700G or Higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Form Factor	Micro Tower/ SFF/ Mini				
Chipset*	Intel / AMD compatible chipset (Intel B660/Q670/AMD Pro 565/B550)				
Memory	1 * 16 GB DDR4 3200 MHz				
Memory Slots	Minimum 2 Nos. DIMM Slot				
Memory Expandability	Expandable to 64 GB				
Storage Controller	SATA III 6 GBPS or above				
HDD	1 TB PCIe NVMe SSD				
NIC	ON BOARD 10/100/1000 Mbps				
Expansion Slots	2 PCI/PCIe				
Graphics	Integrated Graphics				
Audio	Integrated Audio Controller				
Interface	1 Serial, 1 Parallel and 8 USB, 4 x 2.0 + 4 x 3.0 (any 4 In front), Audio Ports Serial and Parallel port can be provided through connector (subject to successful POC)				
Drive Bays	Minimum 2 Internal/External (2x3.5")				
Power Supply	Max 300 watt, 85% efficient or better				

* B550 not eligible

Monitor	19.5" or higher TFT Wide TCO 8 or higher certified (Preview to be excluded) Aspect Ratio 16:9				
Keyboard	104 Keys Mechanical Keyboard				
Pointing Device	2 button USB Optical Scroll Mouse (Make - OEM) with Pad				
OS	Certified for RHEL 8.x OR Submission of Model for POC and submission of Annexure XV - RHEL-Undertaking				
OS Compatibility	OS Compatibility and driver availability for Windows 11				
Drivers	All drivers related to the product should be available for download from the OEM Website/ Portal				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**

Bidder:					
Option 2	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 **Part I : 2D-1 Developer PC Without OS**	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i7-12700 Processor or Higher OR AMD® Ryzen 7 5700G or Higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Form Factor	Micro Tower/ SFF/ Mini				
Chipset*	Intel / AMD compatible chipset (Intel B660/Q670/AMD Pro 565/B550)				
Memory	1 * 16 GB DDR4 3200 MHz				
Memory Slots	Minimum 2 Nos. DIMM Slot				
Memory Expandability	Expandable to 64 GB				
Storage Controller	SATA III 6 GBPS or above				
HDD	1 TB PCIe NVMe SSD				
NIC	ON BOARD 10/100/1000 Mbps				
Expansion Slots	2 PCI/PCIe				
Graphics	Integrated Graphics				
Audio	Integrated Audio Controller				
Interface	1 Serial, 1 Parallel and 8 USB, 4 x 2.0 + 4 x 3.0 (any 4 In front), Audio Ports Serial and Parallel port can be provided through connector (subject to successful POC)				
Drive Bays	Minimum 2 Internal/External (2x3.5")				
Power Supply	Max 300 watt, 85% efficient or better				

* B550 not eligible

Monitor	19.5" or higher TFT Wide TCO 8 or higher certified (Preview to be excluded) Aspect Ratio 16:9				
Keyboard	104 Keys Mechanical Keyboard				
Pointing Device	2 button USB Optical Scroll Mouse (Make - OEM) with Pad				
OS	Certified for RHEL 8.x OR Submission of Model for POC and submission of Annexure XV - RHEL-Undertaking				
OS Compatibility	OS Compatibility and driver availability for Windows 11				
Drivers	All drivers related to the product should be available for download from the OEM Website/ Portal				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**

Bidder:					
Option 1	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 Part I : 2D-2 Developer PC With Windows	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i7-12700 Processor or Higher OR AMD® Ryzen 7 5700G or Higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Form Factor	Micro Tower / SFF/ Mini				
Chipset*	Intel / AMD compatible chipset (Intel B660/Q670/AMD Pro 565/~~B550~~)				
Memory	1 * 16 GB DDR4 3200 MHz				
Memory Slots	Minimum 2 Nos. DIMM Slot				
Memory Expandability	Expandable to 64 GB				
Storage Controller	SATA III 6 GBPS or above				
HDD	1TB PCIe NVMe SSD				
NIC	ON BOARD 10/100/1000 Mbps				
Expansion Slots	2 PCI/PCIe				
Graphics	Integrated Graphics				
Audio	Integrated Audio Controller				
Interface	1 Serial, 1 Parallel and 8 USB, 4 x 2.0 + 4 x 3.0 (any 4 In front), Audio Ports Serial and Parallel port can be provided through connector (subject to successful POC)				
Drive bays	Minimum 2 Internal/External (2x3.5")				

* B550 not eligible

Power Supply	Max 300 watt, 85% efficient or better				
Monitor	19.5" or higher TFT Wide TCO 8 or higher certified (Preview to be excluded) Aspect Ratio 16:9				
Keyboard	104 Keys Mechanical Keyboard				
Pointing Device	2 button USB Optical Scroll Mouse (Make - OEM) with Pad				
OS	Preloaded Windows 11 and above Professional Edition (64 bit) along with latest Service Pack Note : The quoted model should be Windows certified				
OS Compatibility	OS Compatibility and driver availability for Windows 11				
Drivers	All drivers related to the product should be available for download from the OEM Website/ Portal				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**

Bidder:					
Option 2	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 Part I : 2D-2 Developer PC With Windows	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i7-12700 Processor or Higher OR AMD® Ryzen 7 5700G or Higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Form Factor	Micro Tower / SFF/ Mini				
Chipset*	Intel / AMD compatible chipset (Intel B660/Q670/AMD Pro 565/~~B550~~)				
Memory	1 * 16 GB DDR4 3200 MHz				
Memory Slots	Minimum 2 Nos. DIMM Slot				
Memory Expandability	Expandable to 64 GB				
Storage Controller	SATA III 6 GBPS or above				
HDD	1TB PCIe NVMe SSD				
NIC	ON BOARD 10/100/1000 Mbps				
Expansion Slots	2 PCI/PCIe				
Graphics	Integrated Graphics				
Audio	Integrated Audio Controller				
Interface	1 Serial, 1 Parallel and 8 USB, 4 x 2.0 + 4 x 3.0 (any 4 In front), Audio Ports Serial and Parallel port can be provided through connector (subject to successful POC)				
Drive bays	Minimum 2 Internal/External (2x3.5")				

* B550 not eligible

Power Supply	Max 300 watt, 85% efficient or better				
Monitor	19.5" or higher TFT Wide TCO 8 or higher certified (Preview to be excluded) Aspect Ratio 16:9				
Keyboard	104 Keys Mechanical Keyboard				
Pointing Device	2 button USB Optical Scroll Mouse (Make - OEM) with Pad				
OS	Preloaded Windows 11 and above Professional Edition (64 bit) along with latest Service Pack Note : The quoted model should be Windows certified				
OS Compatibility	OS Compatibility and driver availability for Windows 11				
Drivers	All drivers related to the product should be available for download from the OEM Website/ Portal				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**

Bidder:					
Option 1	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 Part I : All in One Desktop	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i7-12700 Processor or Higher OR AMD Ryzen 7 5700G or higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Chipset*	Intel/ AMD compatible chipset (Intel Q series/ B series/ AMD Pro 565/ ~~B550~~)				
Memory	8 GB DDR4 3200 MHz				
Memory Slots	2 Nos. DIMM Slots				
Memory Expandability	Expandable to 64 GB				
Monitor	23.8" or Higher WLED backlit Touch display				
DVD drive	8x Slimline DVD+/-RW Drive (internal/external)				
Keyboard & Mouse	Wireless Keyboard and Mouse				
Interface	2 USB 3.0 ports and 2 USB 2.0 ports,1 USB Type C port, 1 RJ-45, 1 Universal Combo Jack				
Hard Drive	1 TB PCIe NVMe SSD				
Graphics Card	Integrated Intel® UHD Graphics/ AMD Graphics				
Webcam	Fixed 1080P webcam (5 MP)				
Audio features	Universal Audio Jack				
NIC	ON BOARD 10/100/1000 Mbps, wireless 802.11a/g/n card				
OS	Preloaded Windows 11 and above Professional Edition (64 bit) along with latest Service Pack Note : The quoted model should be Windows certified				
OS Compatibility	OS Compatibility and driver availability for Windows 11				

*B550 not eligible

Drivers	All drivers related to the product should be available for download from the OEM Website/ Portal				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**

Bidder:					
Option 2	**Please quote Make & Model ->**	**Make:**		**Model:**	
	Specifications for the year 2023-24 **Part I : All in One Desktop**	**Whether complied (Yes/ No)**	**If "Yes", page number in the brochure submitted**	**If "No", mention specification in the model proposed.**	**Page No. in the brochure submitted (of alternate specification)**
CPU	Intel Core i7-12700 Processor or Higher OR AMD Ryzen 7 5700G or higher Note:-Above processor specifications are not meant to indicate or certify technical equivalence.				
Chipset*	Intel/ AMD compatible chipset (Intel Q series/ B series/ AMD Pro 565/ ~~B550~~)				***** B550 not eligible
Memory	8 GB DDR4 3200 MHz				
Memory Slots	2 Nos. DIMM Slot				
Memory Expandability	Expandable to 64 GB				
Monitor	23.8" or Higher WLED backlit Touch display				
DVD drive	8x Slimline DVD+/-RW Drive (internal/external)				
Keyboard & Mouse	Wireless Keyboard and Mouse				
Interface	2 USB 3.0 ports and 2 USB 2.0 ports,1 USB Type C port, 1 RJ-45, 1 Universal Combo Jack				
Hard Drive	1 TB PCIe NVMe SSD				
Graphics Card	Integrated Intel® UHD Graphics/ AMD Graphics				
Webcam	Fixed 1080P webcam (5 MP)				
Audio features	Universal Audio Jack				
NIC	ON BOARD 10/100/1000 Mbps, wireless 802.11a/g/n card				
OS	Preloaded Windows 11 and above Professional Edition (64 bit) along with latest Service Pack Note : The quoted model should be Windows certified				
OS Compatibility	OS Compatibility and driver availability for Windows 11				

Drivers	All drivers related to the product should be available for download from the OEM Website/ Portal				
Safety Compliance	UL/CSA/CE Mark				
	FCC				
	RoHS				
	Energy Star 8 or higher/ BEE				
Support	Warranty : 6 years comprehensive onsite warranty.				

Warranty details should be reflected on OEM Website/ Portal against the product serial number

Date: **Signature of the Authorized Signatory**