

Bill of Quantity (As Single Job)**a. Desktops***OPTION WITH 3 YEARS SUPPORT*

Product Feature	Description	Compliance (Y/N)	Make & model	Qty	Rate/Unit Price	Amount
Make	Branded (Dell, HP or equivalent)	Yes	Dell			
Form Factor / Height	Micro Form Factor	Yes	Dell			
Processor	Intel® Core i5-9500T Processor	Yes	Dell			
Processor Speed	up to 2.2 Ghz or higher -	Yes	Dell			
Intel Smart Cache	Up to 9 MB cache	Yes	Dell			
Memory Installed	Installed 8 GB (DDR4), extendable up to 32 GB (DDR4)	Yes	Dell			
Hard Disk Drives	1 TB HDD SATA 7200 RPM or higher	Yes	Dell			
Network Interface	Ethernet (RJ-45) (integrated)	Yes	Dell			
Ports / slots	Front USB: 02 minimum require Headphone: (1) require Rear USB: 04 minimum require HDMI & VGA: (1 each) require minimum Headphone: (1) require minimum Mic: (1) require minimum RJ-45 Ethernet port: (1) require minimum	Yes	Dell	121	\$492 (491.5)	\$59,477
Power Supply	90W or efficient	Yes	Dell			
OS Support	Windows 10 Pro 64 or later	Yes	Dell			
Operating System	Free DOS	Yes	Dell			
Peripherals	Branded USB Standard Keyboard & USB 2-button optical scroll mouse	Yes	Dell			

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PPRA Advisor
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Intel Chipset	Intel Q370 or equivalent	Yes	Dell		
Image Load	IBA image load in BIOS Service by manufacturer.	Yes	Dell		
Graphics	Intel UHD Graphics 630 or equivalent	Yes	Dell		
Security	Standard lock slot require	Yes	Dell		
Value added services	The successful bidder should arrange for executive briefing session, encompassing all features and technical aspects, for ICT senior management on virtualization technology, especially in desktop computing environment at regional headquarter of the principal / manufacturer from their marketing	Yes	Dell		
Warranty (option 1)	3 years' comprehensive parts & labour warranty from the principal (back to back).	Yes	Dell		
Warranty (option 2)	5 years' comprehensive parts & labour warranty from the principal (back to back).	Yes	Dell		
LED/Monitor Release Kit / Attachment	Quoted desktop model should come with attachments / release kit which provides attachments of desktop model with HP LE2201w 22-inch Widescreen LCD Monitor (Already available in IBA inventory).	Yes	Dell		
Total Amount C&F Value (please refer to "instruction" clause "g")				\$ 59,477	

b. Laptops

Product ature	Description	Compliance (Y/N)	Make & model	Qty	Rate/ Unit Price	Amount
Make	Branded (Dell, HP or equivalent)	Yes	Dell	70	\$849 (849*2)	\$59,447
Series	Business Series	Yes	Dell			
Operating System	Free Dos	Yes	Dell			
Processor	Intel® Core i7-8565U or higher	Yes	Dell			
Chipset	Integrated in CPU	Yes	Dell			
Graphics	2GB or higher dedicated memory required	Yes	Dell			

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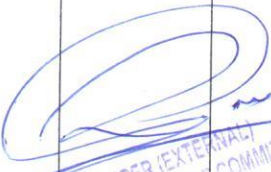
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RAM	Installed 16 GB (DDR4), extendable up to 32 GB (DDR4)	Yes	Dell
HDD	1 TB SATA or higher	Yes	Dell
Display	15.6" FHD TN (1920 x 1080) Anti-Glare or higher	Yes	Dell
Communications	Wi-Fi 802.11ac- 2 x 2, Bluetooth 5.0, Integrated Gigabit Ethernet require	Yes	Dell
Camera	HD webcam with digital microphone or higher	Yes	Dell
Audio & Speakers	Yes required	Yes	Dell
Battery Power	3 cell 42Whr or higher Battery with 3 Years principal Warranty	Yes	Dell
Ports	USB:03, USB-C:01, HDMI:01, VGA Port:01, RJ-45/Ethernet : 01, Head phone : 01) minimum required	Yes	Dell
Security Management	Trusted Platform Module TPM 2.0	Yes	Dell
Multi-media Card Reader	Yes required	Yes	Dell
Value added services	The successful bidder should arrange for executive briefing session, encompassing all features and technical aspects, for ICT senior management on virtualization technology, especially in desktop computing environment at regional headquarter of the principal / manufacturer from their marketing budget.	Yes	Dell
Carry Bag + Mouse	Original Manufacture Branded Bag & Optical Mouse	Yes	Dell
Power Adapter	Smart 65 W External AC power adapter. or equivalent	Yes	Dell
Warranty (option 1)	3 years' comprehensive parts & labour warranty from the principal (back to back).	Yes	Dell


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Warranty (option 2)	5 years' comprehensive parts & labour warranty from the principal (back to back).	Yes	Dell			
Total Amount C&F Value (please refer to "instruction" clause "g")					\$ 59,447	

c. Laptop

Product Feature	Description	Compliance (Y/N)	Make & model	Qty	Rate/ Unit Price	Amount
Make	Branded (Dell, HP, Lenovo or equivalent)	Yes	Lenovo			
Operating System	Free Dos	Yes	Lenovo			
Processor	Intel® Core™ i7-8565U	Yes	Lenovo			
Chipset	Integrated in CPU	Yes	Lenovo			
Graphics	Intel® UHD Graphics 620 or higher	Yes	Lenovo			
RAM	Installed 16 GB (DDR3), extendable up to 64 GB (DDR3)	Yes	Lenovo			
HDD	1 TB SATA	Yes	Lenovo			
Display	14.0" WQHD IPS (2560 x 1440) or higher	Yes	Lenovo	01	\$2,011	\$ 2,011
Communications	Wifi , Bluetooth, Integrated Gigabit Ethernet with WWAN support	Yes	Lenovo			
Camera	HD webcam with digital microphone or higher	Yes	Lenovo			
Audio & Speakers	Yes required	Yes	Lenovo			
Battery Power	51 Wh, Long Life Li-ion – with 1 years' principal warranty	Yes	Lenovo			
Ports	a) Intel® Thunderbolt™ 3 (X 2) b) USB 3.0 (X 2) c) HDMI d) Native RJ45	Yes	Lenovo			

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Assistant Professor
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	e) MicroSIM	Yes	Lenovo
	f) Headphone / microphone combo jack	Yes	Lenovo
Slot	Multi-format SD media card reader (X1)	Yes	Lenovo
Security Management	a) Trusted Platform Module TPM 2.0 b) Touch fingerprint reader option	Yes	Lenovo
Multi-media Card Reader	Yes required	Yes	Lenovo
Carry Bag + Mouse	Original Manufacture Branded Bag & Optical Mouse	Yes	Lenovo
Power Adapter	Smart 65 W External AC power adapter.	Yes	Lenovo
Warranty	3 year's comprehensive parts & labour from the principal (back to back).	Yes	Lenovo
Total Amount C&F Value (please refer to "instruction" clause "g")			\$ 2,011

Please quote prices with warranty for both 3 years and 05 years compulsorily. IBA will decide whether to go with 3 years' or 5 years' warranty.

The bids shall be evaluated on the basis of lowest price quoted, after technical evaluation for fulfilment of mandatory criteria.

Total Amount A + B+ C (C&F Foreign Currency)	\$ 120,936
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Total Amount C&F Foreign Currency (in words) One hundred & twenty thousand nine hundred and thirty six US Dollars Only

***IBL-Unisys cannot make payments on behalf of IBA Karachi (Customer), since import/documents will be in the name of IBA, however, we may help facilitate IBA but for that IBA would be providing pay order and support documentation, as required.**

***The support services will be covered back to back with principal only**

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Bill of Quantity (As Single Job)**a. Desktops***OPTION WITH 5 YEARS SUPPORT*

Product Feature	Description	Compliance (Y/N)	Make & model	Qty	Rate/Unit Price	Amount
Make	Branded (Dell, HP or equivalent)	Yes	Dell	121	\$504 (503.5)	\$60,933
Form Factor / Height	Micro Form Factor	Yes	Dell			
Processor	Intel® Core i5-9500T Processor	Yes	Dell			
Processor Speed	up to 2.2 Ghz or higher –	Yes	Dell			
Intel Smart Cache	Up to 9 MB cache	Yes	Dell			
Memory Installed	Installed 8 GB (DDR4), extendable up to 32 GB (DDR4)	Yes	Dell			
Hard Disk Drives	1 TB HDD SATA 7200 RPM or higher	Yes	Dell			
Network Interface	Ethernet (RJ-45) (integrated)	Yes	Dell			
Ports / slots	Front USB: 02 minimum require Headphone: (1) require Rear USB: 04 minimum require HDMI & VGA: (1 each) require minimum Headphone: (1) require minimum Mic: (1) require minimum RJ-45 Ethernet port: (1) require minimum	Yes	Dell			
Power Supply	90W or efficient	Yes	Dell			
OS Support	Windows 10 Pro 64 or later	Yes	Dell			
Operating system	Free DOS	Yes	Dell			
Peripherals	Branded USB Standard Keyboard & USB 2-button optical scroll mouse	Yes	Dell			

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KARACHI

Dr. G. M. Farid
Assistant Professor
IBA/Karachi



Intel Chipset	Intel Q370 or equivalent	Yes	Dell		
Image Load	IBA image load in BIOS Service by manufacturer.	Yes	Dell		
Graphics	Intel UHD Graphics 630 or equivalent	Yes	Dell		
Security	Standard lock slot require	Yes	Dell		
Value added services	The successful bidder should arrange for executive briefing session, encompassing all features and technical aspects, for ICT senior management on virtualization technology, especially in desktop computing environment at regional headquarter of the principal / manufacturer from their marketing	Yes	Dell		
Warranty (option 1)	3 years' comprehensive parts & labour warranty from the principal (back to back).	Yes	Dell		
Warranty (option 2)	5 years' comprehensive parts & labour warranty from the principal (back to back).	Yes	Dell		
LED/Monitor Release Kit / Attachment	Quoted desktop model should come with attachments / release kit which provides attachments of desktop model with HP LE2201w 22-inch Widescreen LCD Monitor (Already available in IBA inventory).	Yes	Dell		
Total Amount C&F Value (please refer to "instruction" clause "g")				\$60,933	

b. Laptops

Product feature	Description	Compliance (Y/N)	Make & model	Qty	Rate/ Unit Price	Amount
Make	Branded (Dell, HP or equivalent)	Yes	Dell	70	\$ 889 (888.9)	\$62,227
Series	Business Series	Yes	Dell			
Operating System	Free Dos	Yes	Dell			
Processor	Intel® Core i7-8565U or higher	Yes	Dell			
Chipset	Integrated in CPU	Yes	Dell			
Graphics	2GB or higher dedicated memory required	Yes	Dell			

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RAM	Installed 16 GB (DDR4), extendable up to 32 GB (DDR4)	Yes	Dell
HDD	1 TB SATA or higher	Yes	Dell
Display	15.6" FHD TN (1920 x 1080) Anti-Glare or higher	Yes	Dell
Communications	Wi-Fi 802.11ac- 2 x 2, Bluetooth 5.0, Integrated Gigabit Ethernet require	Yes	Dell
Camera	HD webcam with digital microphone or higher	Yes	Dell
Audio & Speakers	Yes required	Yes	Dell
Battery Power	3 cell 42Whr or higher Battery with 3 Years principal Warranty	Yes	Dell
Ports	USB:03, USB-C:01, HDMI:01, VGA Port:01, RJ-45/Ethernet : 01, Head phone : 01) minimum required	Yes	Dell
Security Management	Trusted Platform Module TPM 2.0	Yes	Dell
Multi-media Card Reader	Yes required	Yes	Dell
Value added services	The successful bidder should arrange for executive briefing session, encompassing all features and technical aspects, for ICT senior management on virtualization technology, especially in desktop computing environment at regional headquarter of the principal / manufacturer from their marketing budget.	Yes	Dell
Carry Bag + Mouse	Original Manufacture Branded Bag & Optical Mouse	Yes	Dell
Power Adapter	Smart 65 W External AC power adapter, or equivalent	Yes	Dell
Warranty (option 1)	3 years' comprehensive parts & labour warranty from the principal (back to back).	Yes	Dell

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PARA Advisor
H&T



Warranty (option 2)	5 years' comprehensive parts & labour warranty from the principal (back to back).	Yes	Dell			
Total Amount C&F Value (please refer to "instruction" clause "g")						\$62,227

c. Laptop

Product Feature	Description	Compliance (Y/N)	Make & model	Qty	Rate/ Unit Price	Amount
Make	Branded (Dell, HP, Lenovo or equivalent)	Yes	Lenovo	01	\$2,011	\$2,011
Operating System	Free Dos	Yes	Lenovo			
Processor	Intel® Core™ i7-8565U	Yes	Lenovo			
Chipset	Integrated in CPU	Yes	Lenovo			
Graphics	Intel® UHD Graphics 620 or higher	Yes	Lenovo			
RAM	Installed 16 GB (DDR3), extendable up to 64 GB (DDR3)	Yes	Lenovo			
HDD	1 TB SATA	Yes	Lenovo			
Display	14.0" WQHD IPS (2560 x 1440) or higher	Yes	Lenovo			
Communications	Wifi, Bluetooth, Integrated Gigabit Ethernet with WWAN support	Yes	Lenovo			
Camera	HD webcam with digital microphone or higher	Yes	Lenovo			
Audio & Speakers	Yes required	Yes	Lenovo			
Battery Power	51 Wh, Long Life Li-ion – with 1 years' principal warranty	Yes	Lenovo			
Ports	a) Intel® Thunderbolt™ 3 (X 2) b) USB 3.0 (X 2) c) HDMI d) Native RJ45	Yes	Lenovo			

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Dr. S. M. Farisat Iradat
Assistant Professor
IBA, Karachi



	e) MicroSIM f) Headphone / microphone combo jack	Yes	Leisure
Slot	Multi-format SD media card reader (X1)	Yes	Leisure
Security Management	a) Trusted Platform Module TPM 2.0 b) Touch fingerprint reader option	Yes	Leisure
Multi-media Card Reader	Yes required	Yes	Leisure
Carry Bag + Mouse	Original Manufacture Branded Bag & Optical Mouse	Yes	Leisure
Power Adapter	Smart 65 W External AC power adapter.	Yes	Leisure
Warranty	3 year's comprehensive parts & labour from the principal (back to back).	Yes	Leisure
Total Amount C&F Value (please refer to "instruction" clause "g")			\$ 2,011

Please quote prices with warranty for both 3 years and 05 years compulsorily. IBA will decide whether to go with 3 years' or 5 years' warranty.

The bids shall be evaluated on the basis of lowest price quoted, after technical evaluation for fulfilment of mandatory criteria.

Total Amount A + B+ C (C&F Foreign Currency)	\$ 125,171
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Total Amount C&F Foreign Currency (in words) One hundred and twenty five thousand one hundred and seventy one US Dollars Only

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It is hereby certified that the terms and conditions have been read, agreed upon and signed.

IBL UNISYS (PVT) LTD

Name of Representative KAMRAN AFZAL

Contact Person KAMRAN AFZAL
0334-3544150

Address 2ND FLOOR, ONE IBL CENTER, PLOT NO 7 BLOCK 7 AND 8
DMMCHS, TIPU SULTAN ROAD, OFF SHAHRH-E-FAISAL, KHI

Tel # — Fax —

Mobile 0334-3544150 email Kamran.Afzal@IBL-UNISYS.COM


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