UNIVERSITY OF MUMBAI

https://dhe.maharashtra.etenders.in

E-Tender Notice No. : REG/ICD/2016-17/909 dated: 28.10.2016.

EXTENSION TO RFP

312 : University of Mumbai invites Online-Tender/Request for proposal (RFP) for **Procurement, Installation, Commissioning, And Maintenance of Computer Hardware**.

TENDER SCHEDULE:

Seq. No.	University Stage	Vendor Stage	Start Date & Time	Expiry Date & Time	Envelopes
1.	–	Download of bidding document	29/10/2016 at 10.00Hrs.	17/11/2016 at13.00Hrs	
		Pre-bid Meeting Date and Time	04/11/2016 at 11.30 Hrs. Venue: Registrar, M.G. Road, Fort, Mumbai–400032. **Tel.No.:91-**22-2270 2344 **Fax No.** : **91-**22-2267 0325		
2.	–	Online bid preparation and hash submission	29/10/2016 at 10.00 Hrs.	17/11/2016 at 15.00Hrs	Envelope-2 Envelope-1,
3.	Close for Technical & Financial Bid		17/11/2016 at 15.01Hrs.	17/11/2016 at 17.30Hrs	Envelope-1, Envelope-2
4.		Control Of Transfer	17/11/2016 at 17.31Hrs.	18/11/2016 at 17.30Hrs	Envelope-2 Envelope-1,
5.	Opening Technical Bid		21/11/2016 at 11.00Hrs	21/11/2016 at 14.30Hrs.	Envelope-1, Envelope-2
6.	Opening Financial Bid		22/11/2016 at 11.00Hrs	22/11/2016 at 14.30Hrs.	Envelope-1, Envelope-2

Date: 09.11.2016   **Sd/-**
Place: Mumbai   **Registrar**

UNIVERSITY OF MUMBAI

PRE-BID MEETING OF ONLINE E-TENDER/REQUEST FOR PROPOSAL (RFP) FOR
Procurement, Installation, Commissioning, And Maintenance of Computer Hardware
(Tender No. REG/ICD/2016-17/909 dated : 28.10.2016)
Tender No. :-312

The University of Mumbai has floated E-Tender REG/ICD/2016-17/909 dated : 28.10.2016 online for **Procurement, Installation, Commissioning, And Maintenance of Computer Hardware**, dated 04.11.2016 at 11.30 a.m. in the office of Registrar, University of Mumbai, Fort, Mumbai – 400 032.

The following University officers have attended the meeting and briefed to the prospective bidders.
Dr. M. A. Khan, Registrar
Shri. A. A. Phalnikar, Finance & Accounts Officer
Mr. Rajendra Danole
Mr. Kiran Vishwasrao

Vendors Attended
Lenovo Pvt. Ltd.
- Mr. Nitin A. Kanse

Ravindra Interprises
- Mr. Ravindra

Kairee Systems Pvt. Ltd.
- Mr. Sumit Barne

The prospective of bidders have raised some queries and suggested some modifications in the tender document. The administration of university has given thought to the suggestions/Queries and decided to modify the configurations of item to be purchase for and other conditions as per statement attached.
This minutes of Pre-bid Meeting is part of RFP/E-Tender No.REG/ICD/2016-17/909 dated : 28.10.2016.
These minutes of the meeting will be published on Government/University Web Site.

The meeting ended with vote of thanks to all the present University Officers and prospective tenderers.

Dr. M. A. Khan,   Dr. A. K. Patil
  Registrar   Director, B. C. U. D.

Statement Showing Configuration of Desktop Computers etc. as per Pre-bid Meeting held on 04.11.2016

RFP Reference (Section Number)	RFP Content for which clarification is required (Page Number)	Bidders Points of clarification/comment
2 Table Sr. No. 2	The bidder should have experience in supply and installation of computer and related hardware business, having turnover/revenue of more than **Rs. 5 Crores** for each of the last three Financial Years ending on 31.03.2016, during the last three years.	The bidder should have experience in supply and installation of computer and related hardware business, having turnover/revenue of more than **Rs. 5 Crores** for **each of the last three Financial Years** ending on 31.03.2016, during the last three years. **Current net worth (i.e. 31st March 2016) is of minimum Rs.2.00 Crores.**

5.1.1	**Page No. 10 –**
	 PART – A :- Desktop Computers
	
	 (A) High Resolution DT Machine Specification.
	 1. Processor: Intel core i5-6500, 3.2 GHz, 6 MB Cache Processor equivalent or higher
	 2. Chipset: Z170 chipset or higher
	 3. Memory: 8 GB 1600 MHz DDR3 RAM with 32 GB expandable or higher
	 HDD: 1TB 7200 RMP SATA+ 256 GB SSD or higher
	 4. Display: 19" LED Digital Color monitor Full HD or higher
	 5. Network Facility: Gigabite LAN
	 6. DVD RW Drive
	 7. OS and Software (Provided Separately)
	    a) Windows 10 Bussiness or higher
	    b) Microsoft Office Home and Business 2016 or latest
	   8. Three years On-sight warranty
		Page No. 10 –
		 PART – A :- Desktop Computers
		
		 (A) High Resolution DT Machine Specification.
		 1. Processor: Intel core i5-**6400 on higher**, 3.2 GHz, 6 MB Cache Processor equivalent or higher
		 2. Removed.
		 3. Memory: 8 GB DDR4
		 4. Monitor : **18.5" or Higher**
		 5. Network Facility: **Gigabit** LAN
		 6. DVD RW
		 7. OS and Software (Provided Separately)
		    a) Windows **10 Pro** or higher
		    b) **Removed.**
		   8. Three years On-sight warranty

5.1.1	(B) UGC Human Resource Development Centre	(B) UGC Human Resource Development Centre
	Intel core i7 Configuration (Desktop)	Intel core i7 Configuration (Desktop)
	a) CPU: Intel Core i7-6700k, 4.00GHZ, 8MB Cache-6th Generation	a) CPU: Intel Core i7-6700k, 4.00GHZ, 8MB Cache-6th Generation
	b) Motherboard: Intel 6th Generation/Socket 1151	**b) Removed.**
	c) Memory : 8GB DDR4	c) Memory : 8GB DDR4
	d) Hard Disk Drive: 1 TB Desktop Internal Hard drive	d) Hard Disk Drive: 1 TB Desktop Internal Hard drive
	e) Monitor: 20inch Backlight LED Monitor 1920 x 1080 Pixel	e) Monitor: **18.5inch or higher**
	f) Keyboard: USB keyboard with 104 keys	f) Keyboard: USB keyboard with 104 keys
	g) Mouse: Optical with USB interface	g) Mouse: Optical with USB interface
	h) Bays: 3 Nos. or above	**h) Removed.**
	i) Ports: 6 USB Ports including 2 USB 3.0 Ports (with at least 2 in front)	i) Ports: 6 USB Ports including 2 USB 3.0 Ports (with at least 2 in front)
	j) Audio ports for microphone and headphone in front	j) Audio ports for microphone and headphone in front
	k) Cabinet: ATX Full Tower with SMPS 600 w or more	**k) Cabinet Tower**
	l) DVD 16X or better/ Blue ray RW Drive	**l) DVD RW**
	m) WiFi Adapter	**m) Removed.**
	n) Operating system: Fee Linux	n) Operating system: **DOS**
5.1.1	(C) Department of Statistics	(C) Department of Statistics
	a) Intel Core 15 processor (3.60 GHZ) with gigabyte	a) Intel Core **i5-6500, 3.2GHz, 6 MB Cache processor equivalent or higher**
	b) Motherboard	**b) Removed.**
	c) 4 GB DDR 3 RAM	c) 4 GB **DDR 4 or Higher**
	d) 500 GB SATA HARD Disk	d) 500 GB SATA HARD Disk
	e) 17" LED Monitor	e) **Monitor: 18.5 " or higher**
	f) PS2 Keyboard & mouse	f) **Keyboard: USB keyboard and USB mouse**
	g) SMPS and Cabinet	**g) Cabinet Tower**
	h) DVD writer	h) DVD **RW**
		i) OS-DOS

5.1.1	(D) **Department of Physical Education**
	  a) 6th Gen Intel i5 Core processor, 4 Gb RAM, 1 TB HDD, 21.5 inch monitor, Windows 8.1 OS
	  b) 6th Gen Intel i3 Processor, 1 TB HDD, 4 GB RAM, 21.5 inch Monitor, Windows 8.1 OS
	  c) 6th Gen Intel i3 Processor, 1 TB HDD, 4 GB RAM, 21.5 inch monitor, Windows 8.1 OS
	  d) 6th Gen Intel i3 Processor, 1 TB HDD, 4 GB RAM Windows 8.1 OS
		(D) Department of Physical Education
		  a) 6th Gen Intel i5 Core processor, 4 Gb **DDR4 RAM, 1 TB HDD, 18.5 inch monitor or higher, USB keyboard & USB mouse, with Windows 8.1 OS Or higher**
		  b) 6th Gen Intel i3**Core** Processor, **4Gb DDR4 RAM, 1 TB HDD, 18.5 inch monitor or higher, USB keyboard & USB mouse, with Windows 8.1 OS Or higher**
		  c) 6th Gen Intel i3 **Core** Processor, **4Gb DDR4 RAM, 1 TB HDD, 18.5 inch monitor or higher, USB keyboard & USB mouse, with Windows 8.1 OS Or higher**
		  d) 6th Gen Intel i3 **Core** Processor, **4 Gb DDR 4 RAM, 1 TB HDD, with Windows 8.1 OS Or higher**

5.1.1	(E) Alkesh Dinesh Mody Institute For Financial & Management Studies
	  a) 6th Gen Intel i3 Processor, 1 TB HDD, 4 GB RAM, 21.5 inch Monitor, Windows 8.1 OS,
		(E) Alkesh Dinesh Mody Institute For Financial & Management Studies
		  a) 6th Gen Intel i3 **Core** Processor, **4Gb DDR4 RAM, 1 TB HDD, 18.5 inch monitor or higher, USB keyboard & USB mouse, with Windows 8.1 OS Or higher**

	PART – B :- Servers	

5.1.2	**(A) Server Specification**
	1. Processor: Dual Processor Intel Xeon Processor E5-2667 v4 (8C/16T)3.20 GHz, TLC 25MB, Turbo 3.50 GHz, or latest processor
	2. Rack Mountable
	3. Chipset: Intel C612 or latest
	4. Memory: 128 GB memory using 16GB DDR4,
	5. Monitor: single integrated 19" LCD Drawer in 1U, Display resolution 1280X1024 or higher
	6. Storage: 4nobs X 2 TB SAS HD7.2K Hot Plug 3.5" or higher, Swappable
	7. Hardware RAID controller: RAID 5 or higher
	8. Number of fans: 4+1 redundant / hot plug
	9. Power supply: With redundant power supply
	10. Warranty: Three years Onsite warranty
	11. OS for Server Specification (Provided Separately)
	  a) Windows Server 2012 or latest
		(A) Server Specification
		1. Processor: Dual Processor Intel Xeon Processor E5-2667 v4 (8C/16T)3.20 GHz, TLC 25MB, Turbo 3.50 GHz, or latest processor
		2. Rack Mountable
		3. Chipset: Intel C612 or latest
		4. Memory: 128 GB memory using 16GB DDR4, **DIMMS**
		5. Monitor: single integrated **18.5"** LCD Drawer in 1U, Display resolution 1280X1024 or higher
		6. Storage: 4nobs X 2 TB SAS HD7.2K Hot Plug 3.5" or higher, Swappable
		7. Hardware RAID controller: RAID 5 or higher
		8. **3 or higher hot- Swappable and redundant system fans and 1 blower unit**
		9. **2 Hot swappable and redundant power supply Units**
		10. Warranty: Three years Onsite warranty
		11. OS for Server Specification (Provided Separately)
		  a) Windows Server 2012 or latest

5.1.2	(B) UGC Human Resource Development Centre	(B) UGC Human Resource Development Centre
	a) Processor: Dual Processor Intel Xeon Processor E5-2667 v4 (8C/16T)3.20 Ghz, TLC 25 MB, Turbo 3.50 GHz, or latest processor b) Chipset: Intel C612 or latest c) Memory: 128 GB memory using 16 GB DDR4, reg2133 MHz ECC module or higher d) Monitor: single integrated 19" LCD Drawer in 1 U, Display resolution 1280 x 1024 or higher e) Storage: 4 nobs x 2 TB SAS HD7.2 K Hot Plug 3.5"or higher f) Hardware RAID controller: RAID 5 or higher g) Number of fan: 4 + 1 redundant/hot plug h) Power supply: With redundant power supply i) Warranty: Three years Onsite warranty	a) Processor: Dual Processor Intel Xeon Processor E5-2667 v4 (8C/16T)3.20 Ghz, TLC 25 MB, Turbo 3.50 GHz, or latest processor, **Rack Mountable**. b) Chipset: Intel C612 or latest c) Memory: 128 GB memory using 16 GB DDR4, reg2133 MHz ECC module or higher d) Monitor: single integrated **18.5"** LCD Drawer in 1 U, Display resolution 1280 x 1024 or higher e) Storage: 4 nobs x 2 TB SAS HD7.2 K Hot Plug 3.5"or higher f) Hardware RAID controller: RAID 5 or higher g) **3 or higher hot- Swappable and redundant system fans and 1 blower unit** h) **2 Hot swappable and redundant power supply Units** i) Warranty: Three years Onsite warranty

5.1.3	**PART – C :- High Resolution Laser Printers**	**PART – C :- High Resolution Laser Printers**

PART – C :- High Resolution Laser Printers

Printer1

Technology: Lesser

Printing Speed	A4	Mono: 32 pages / Colour: 30 pages
	A3	Mono: 15 pages / Colour: 15 pages

Print Resolution   1200X600 DPI

Paper Size: A3, A4, Letter

Network: USB 2.0

Paper Tray: 550 sheets

Warranty : Onsite 3 year

Compatible OS: Windows/Linux/Mac compatible

Printer2

Printing Method:	Black & White Laser Beam Printing	
Print Speed:	Mono: A4 / Letter	40 / 42ppm
	Duplex: A4 / Letter	20 / 20.5ppm (10 / 10.25spm; sheets/min.)

Print Resolution:	600 x 600dpi 1200 x 1200dpi (equivalent) 2400 (equivalent) × 600dpi

Paper input: 500

Paper Size: A4/B5/A5/A6/Legal/Letter/EXE/16K/8.5"A-13.

Duty cycles (per month): 100000

USB Port

Compatible OS: WindowsXP (32bit / 64bit), Windows Server 2003 (32bit / 64bit), Windows Vista (32bit / 64bit), Windows Server 2008 R2 (64bit), Windows Server 2008 (32bit / 64bit), Windows 7 (32bit / 64bit) Mac OS X 10.5.8 and above [1], Linux[2], Citrix

Paper Type: Plain Paper / Heavy Paper / Transparency / Label / Index Card / Envelope

 Warranty: Onsite 3 year or more

| 5.1.4 | **PART – D :- Copier**
Standard functions: Copy, Email, Print, Scan
Optional functions:Walkup fax
Copy/print speed: Color: up to 30 ppm; Black: up to 30 ppm
Duty cycle: Up to 90,000 images/month1
Connectivity: 10/100/1000 BaseT Ethernet, High-Speed USB 2.0 direct print (optional: Wi-Fi (with Xerox® USB Wireless Adapter))
Controller features: Configuration Cloning, Online Support, Remote Control Panel, Unified Address Book
Hard drive: 250 GB (min)
Processor: Dual-core 1.2 GHz
Device memory: 2 GB system plus 1 GB page memory
Document handler: Duplex Automatic Document Feeder
Capacity: 110 sheets
Size: 5.5 x 8.5 in. to 11 x 17 in.
  (148 x 210 mm to 297 x 420 mm) | **PART – D :- Copier**
Standard functions: Copy, Email, Print, Scan
Optional functions:Walkup fax
Copy/print speed: Color: up to 30 ppm; Black: up to 30 ppm
Duty cycle: Up to 90,000 images/month1
Connectivity: 10/100/1000 BaseT Ethernet, High-Speed USB 2.0 direct print (optional: Wi-Fi (with Xerox® USB Wireless Adapter))
Controller features: Configuration Cloning, Online Support, Remote Control Panel, Unified Address Book
Hard drive: 250 GB (min)
Processor: Dual-core 1.2 GHz
Device memory: 2 GB system plus 1 GB page memory
Document handler: Duplex Automatic Document Feeder
Capacity: 110 sheets
Size: 5.5 x 8.5 in. to 11 x 17 in.
  (148 x 210 mm to 297 x 420 mm) |

5.1.5	**PART – E :- High Resolution Camera Scanner**	**PART – E :- High Resolution Camera Scanner**
	V-shape Smart book Scanner	**V-shape Smart book Scanner**
	V-shape book cradle with real glass plate (3 mm safety glass)	**V-shape book cradle with real glass plate (3 mm safety glass)**
	Max. Cycle Speed:1000 pages /hour	**Max. Cycle Speed:**1000 pages /hour
	Book Cradle:100% opening angle; smooth side flaps; Book Spine Support	**Book Cradle:**__100 Degree__ opening angle; smooth side flaps; Book Spine Support
	Operating Modes: full-automatic / semi-automatic / manual	**Operating Modes**: __full-automatic scanner__
	Different ways of activating the scanning automatically (after closing the glassplate, when removing the hand, using a foot pedal, etc.)	Robust scanner (camera's invisible and protected)
	Robust scanner (camera's invisible and protected)	**Max. Book Size:** For books up to size 61 x 82 cm (thickness 16 cm)
	Max. Book Size: For books up to size 61 x 82 cm (thickness 16cm)	**Image Resolution**: __300ppi,__
	Image Resolution: 300ppi, 400ppi, 600ppi	CMOS capturing system
	CMOS capturing system	**Camera:** CANON D-SLR 700D/ CANON D-SLR 5D MARK III/ NIKON D-SLR D810/ CANON 5D /5DSR
	Camera: CANON D-SLR 700D/ CANON D-SLR 5D MARK III/ NIKON D-SLR D810/ CANON 5D /5DSR	flexible system with possibility to upgrade to the newest camera systems in the future
	flexible system with possibility to upgrade to the newest camera systems in the future, OCR Software	OCR Software
		Optional:- P. C. may be added & price may be quoted separately.
	Overhead scanner for formats up to A2+	**Overhead scanner for formats up to A2+**
	Functions	**Functions**
	600 x 600 optical dpi	600 x 600 optical dpi
	V-shaped book cradle 120 - 180 degrees	**Flat cradle only**
	Open client interface for operation with BSW, BCS-2, Opus FF, Scangate, Folder mode for scanning complete file folders	Open client interface for operation with BSW, BCS-2, Opus FF, Scangate, Folder mode for scanning complete file folders
	Book Fold Correction - Scan bound documents without shadows	Book Fold Correction - Scan bound documents without shadows
	Automatic finger and thumb removal	Automatic finger and thumb removal
	Automatic Crop &Deskew, Digital color balance	Automatic Crop &Deskew, Digital color balance
	Integrated ICC-profile	Integrated ICC-profile
	Automatic white balance and black value	Automatic white balance and black value
	Scan to USB--Walk-up Scanning to USB Stick	Scan to USB--Walk-up Scanning to USB Stick
	Scan to Print--Output to any connected printer	Scan to Print--Output to any connected printer
	Scan to Network--Output to any network driver	Scan to Network--Output to any network driver
	Scan to Pad - Wireless scanner operation and storage for iPad, Android Smart Phones / Tablets	Scan to Pad - Wireless scanner operation and storage for iPad, Android Smart Phones / Tablets
	Output formats Scan2PDF (PDF, PDF/A), JPEG, TIFF, PNM	Output formats Scan2PDF (PDF, PDF/A), JPEG, TIFF, PNM
	Features	**Features**
	LED lamps, no warm up, IR/UV free	LED lamps, no warm up, IR/UV free
	Large color WVGA touchscreen for simplified operation	Large color WVGA touchscreen for simplified operation
	User interface configurable in your language	User interface configurable in your language
	19 inch preview screen, Microsoft/ Linux operating system	19 inch preview screen, Microsoft/ Linux operating system
	Operating system independent, runs under Windows, Linux, Mac OS, Unix, Network scanning via any web browser; i.e. IE, Safari, Chrome, Firefox, Easy installation, Remote maintenance and analysis, Web based firmware updates, including 12 months Warranty	Operating system independent, runs under Windows, Linux, Mac OS, Unix, Network scanning via any web browser; i.e. IE, Safari, Chrome, Firefox, Easy installation, Remote maintenance and analysis, Web based firmware updates, including 12 months Warranty
		Optional:-
		1. The cost of additional components may be quoted separately.
		2. P. C. costs may be quoted separately.

6.8	**Delivery Schedule & Penalty for Delayed Deliveries** i) Delivery of all equipment should be **within 30 Days** from date of placing of order.	**Delivery Schedule & Penalty for Delayed Deliveries** i) Delivery of all equipment should be **within 30 Days** from date of placing of order. **In the Interest of the University, this period will be extended in deserving and justifiable situations, at the discretion of the University.**
6.9	**Warranty** The OEM shall provide comprehensive onsite warranty for a period of five years in case of all computers and other IT hardware equipments from the date of installation and commissioning of equipment.	**Warranty** The OEM shall provide comprehensive onsite warranty for a period of **Three** years in case of all computers and other IT hardware equipments from the date of installation and commissioning of equipment. **In the Interest of the University, this period will be reduced to one year or more in deserving and justifiable cases, at the discretion of the University.**
6.10	**Replacement due to Repeated Failure** **If, during the warranty period, any equipment has any failure on two or more occasions, it shall be replaced by equivalent new equipment / software by the Vendor at no cost to the indenter/buyer**	**Removed.**
6.11	**Penalty for Downtime** ii) On receiving complaint about equipment/ service, the service support partner will respond and repair/replace or provide required services as per the schedule given below: 	Sr. No.	Location of complaint	Response Period (Visiting site)	Resolution Period (After response period)
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1.	Mumbai, Thane & Kalyan	Same Business day	12hrs
2.	Ratnagiri, Sindhudurg	Next Business day	24hrs		**Penalty for Downtime** ii) On receiving complaint about equipment/ service, the service support partner will respond and repair/replace or provide required services as per the schedule given below: | Sr. No.	Location of complaint	Response Period (Visiting site)	Resolution Period (After response period)
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1.	Mumbai, Thane & Kalyan	**2 working days**	**48 hrs**
2.	Ratnagiri, Sindhudurg	**2 working days**	**48 hrs**	

9.1 Table Sr. No.5	**Pre-Qualification Criteria:-** Bidder must have an annual turnover of average INR 5.00 Crores in each Financial Year 13-14, FY 14-15, and FY 15-16. **Current net worth (i.e. 31st March 2016) of minimum Rs.2.00 Crores.**	**Pre-Qualification Criteria:-** Bidder must have an annual turnover/**revenue** of INR 5.00 Crores in each of the Financial Year 2013-14, FY 2014-15, and FY 2015-16. **Current net worth (i.e. 31st March 2016) is of minimum Rs.2.00 Crores.**
10.4	**Bank Guarantee for Contract Performance** **I.** Within 15 days of the receipt of the date of notification of award from the University of Mumbai, the successful Bidder shall furnish the performance security in accordance with the Terms & Conditions of Contract, in the form of Contract Performance Guarantee Bond prescribed at Section 11.	**Bank Guarantee for Contract Performance** I. Within 15 days of the receipt of the date of notification of award from the University of Mumbai, the successful Bidder shall furnish the performance security in accordance with the Terms & Conditions of Contract, in the form of Contract Performance Guarantee Bond prescribed at Section 11. **Performance Bank Guarantee should be 3% of the value of Work Order, as per Industry, Energy and Labour Department, G. R. No. BhanKhas-2014/Pra. Kra.82/Bhag – III/Udhyog-4 dated 30th October, 2015**.
	General Condition:-	**General Condition:-** 1. **The bidder can bid for following Items individually or severally.** a) **Desktop , Servers and Printer** b) **Scanner** 2. **No Advance will be given to selected bidder.**