



Telangana State Co-operative Apex Bank Limited

(Govt. Partnered Bank)

Troop Bazar, Hyderabad-500 001

Ph: 24685587,

E-Mail: info.tech@tscab.org

url: <http://tscab.org>

Ref: TSCAB/IT/INVENTORY/2018

Date: 09.03.2018

Short Tender Notice

Purchase of Thin Clients, Printers, Laptops

1. Preface:

The Telangana State Co-operative Apex Bank Limited (TSCAB) is one of the most respected and leading Bank in Telangana with 40+ Branches in and around Twin cities. The Bank is planning to procure Thin Clients, Printers and Laptops, for its additional Branches, located in Twin cities.

2. Objective for RFP:

TSCAB is issuing this Request for Proposal Document, hereinafter called as a Tender, to vendors who are eligible to participate in the competitive Tendering for providing following:

Background:

Tender Reference Number	TSCAB/IT/Inventory/Date:09.03.2018
Last Date for Submission of Proposal	Date and Time: 14.03.2018 1.00PM
Date of Tenders opening	Date and Time: 14.03.2018 4:30 PM
Website to Download the requirements	https://www.tscab.org/
Contact Person at TSCAB	Rajasekhar Ch Head-IT Infra and Infosec Mobile: 9966639111 Email: rajasekhar@tscab.org

Consolidate Requirement:

SNo	Product	Quantity
1	Thin Clients	220
2	Laser jet	5
3	Heavy Duty DMP network printer 136 col	10
4	Color Multifunction Printer	1
5	Multifunction Printers	11
6	Laptops	15

Configuration of Thin clients:

Quantity Required: 220

Sr. No.	Parameter	Minimum specification required
1	Flash Memory	Minimum 32Gb Flash
2	Main Memory	4Gb DDR3 SO-DIMM
3	Processor	Intel/AMD 1.8 Ghz Quad Core Processor on x86 platform or higher
4	BIOS	BIOS should be of the same OEM
5	Peripherals	(a) USB Optical OEM mouse (b) 104 Keys USB OEM Keyboard
6	Network Interface	10/100 / 1000 Mbps Ethernet (auto sensing) NIC, RJ45 connector.
7	Graphics	HD Graphics or Higher (Integrated in processor)
8	Ports/Slots	Total 4 External USB or higher, out of which one should be USB 3.0
9		Audio port for headphone
		2 Serial Ports
		1 Parallel Port
10		1 VGA & 1 DVI-D Port
11	Security	Option to enable / disable external USB ports.
12	Display	Video output supporting two displays- DVI-D digital video output (max. resolution of 1920 x 1080) and VGA analog video output (max. resolution of 2560 x 1600)
13	OS Support	Windows Embedded 10 IoT Enterprise
14	OS Security Feature	Unified Write Filter support, config tool for configuring TC as Appliance Mode for Citrix, Vmware & Web appliance.
15	Emulation/Protocol support	Citrix Receiver/On-Line Plugin (ICA) 4 & HDX Support, Microsoft RDP 8.1 with RemoteFX, Microsoft Internet Explorer 11, HTML 5 Support Windows Media Player 12 VM View 5.4 Broker support Remote Management Agent Built-in tool to capture TC image and redeploy using a USB pen drive. Terminal Emulation Suite.
16	Wi-Fi	802.11 AC integrated Wi-fi

17	Network	<p>(a) TCP/IP with DNS and DHCP wake on LAN</p> <p>(b) DHCP support for automatic firmware upgrades & unit configuration.</p> <p>(c) PPP (PPPOE, PPPTP, L2TP, SNTP)</p>
18	Manageability	<p>OEM Management software to manage Thin Clients from Centralized Server:</p> <ul style="list-style-type: none"> -Asset Track -Grouping of Terminals -Device Online/Offline status -Configure Device Settings -Should support upgrade of group of thin clients from central location -Power management: Reboot, shutdown, Wake-on-LAN
19	Power supply	100-240 Volts AC, at 50-60 HZ, energy-saving automatic power-down, surge-tolerant, must be external adapter to avoid internal heating
20	Regulatory Standards	International: IEC60950-1, 12: 2005, with CB Certificate and all National Deviations, CE Mark, RoHS Directive- 2002/95/EC, WEEE Directive- 2002/96/EC, Energy Star Certified, Restrictions of Hazardous Substances (RoHS), ISO 9001:2008, ISO 20000 and ISO 27001 compliance for OEM
21	Market Share	OEM should be amongst top 3 vendors in India as per the Latest IDC report.
22	Warranty and Services	<p>3 Yrs. Comprehensive Warranty Bidder/OEM</p> <p>Should have 150+ service centers across India (in Class- A, B, C Cities).</p> <p>Bidder/OEM should have 1 LS, 2LS,3LS backend infra for after sales support. Bidder/OEM Should have next Business Day response.</p> <p>Bidder/OEM Should have trained and certified Support staff. Bidder/OEM should have 6 days after sales support, i.e. Monday to Saturday</p>
23	Pre-Qualification Criteria	OEM Logo should be Embossed/itched on the mother board of the product quoted. Bidder/OEM must submit one physical unit of the TC model which they are quoting at the time of bid submission with requisite certification copies of Regulatory Standards and BIS.
24	ISO Certifications for OEM	OEM should have compliance for an ISO 9001:2008, ISO 20000:2011, ISO 27001:2013 Certification.

Configuration of Color Multifunction Printer:**Quantity Required:1**

Sr. No.	Parameter	Minimum specification required
1	Make	
2	Model – offered in India (should not be declared end of life)	
3	Printer Type	Multi-Function Network Printer – Laser – Multi color
4	Memory	Min: 256MB, 800Mhz
5	Connectivity	LAN/USB 2.0 Plug and Play
6	Ethernet	Yes
7	Automatic Duplexing	Yes
9	Monthly Duty Cycle	Min: 30000
10	PPM	Min: 28ppm
11	Resolution	Min: 600 x 600 dpi
12	Power Consumption	Standard
13	Average Cartridge Yield	Min: 1500
14	Operating System	All Windows OS
15	Scanning	Yes
16	Copy	Yes
17	Warranty	1 year on site
18	Supply and Installation	

Configuration of Multifunction Printer:**Quantity Required:11**

Sr. No.	Parameter	Minimum specification required
1	Make	
2	Model – offered in India (should not be declared end of life)	
3	Printer Type	Multi-Function Network Printer – Laser – Monochrome
4	Memory	Min: 256MB, 800Mhz
5	Connectivity	LAN/USB 2.0 Plug and Play
6	Ethernet	Yes
7	Automatic Duplexing	Yes
9	Monthly Duty Cycle	Min: 30000
10	PPM	Min: 28ppm
11	Resolution	Min: 1200 x 1200 dpi
12	Power Consumption	Standard
13	Average Cartridge Yield	Min: 1500
14	Operating System	All Windows OS
15	Scanning	Yes
16	Copy	Yes
17	Warranty	1 year on site
18	Supply and Installation	

Configuration of Heavy Duty DMP network printer 136 col
Quantity Required:10

Sr. No.	Parameter	Minimum specification required
1	Make/Model	
2	Compatibility	Whether Model Offered was deployed in other Banks in India
3	Printing Method	Serial Impact Dot Matrix
4	Printer Type	24-pin 136 col
5	Print Direction	Indicate Serial, bidirectional logic-seeking printing etc.,
6	Print Head	24 pins, service life 400 million characters or above
7	Print speed	300 CPS @12 CPI /10 CPI or above
8	Fonts	Indicate fonts available
9	Character set	IBM PC2 CP437 in 13 national languages ISO 8859 -2/ -5/ -7/ -8/ -9
10	Character pitch	(Emulation-Dependent) 10, 12, 15, 16.6, 17.1, 20 characters per inch and proportional font
11	Line Pitch	x 6 and 8 lines per inch, switchable, additional 1/180-inch increments
12	Print Attributes	Bold, Italics, Underlined, elongated print, sub - /superscript
13	Paper handling	Minimum 2 Tractors should be convertible as Push and Pull
14	Paper types	Indicate types (Continuous & cut Sheet etc.) along with width/thickness details in gsm specifications
15	Support for Multipart Stationery	Minimum 1 + 2 or above, Indicate support availability tractor wise
16	Buffer Size	Minimum 128 KB or above
17	Interface availability	Standard - parallel & USB, Standard - Ethernet
18	Emulations Availability	Indicate Standard & optional emulations separately.
19	Power Supply & consumption specifications	150-270 volt (self-setting) 50/60 Hz Standby 6 watts/12 watts indicate clearly
20	Print Head Life	Indicate in Million Characters
21	Dimensions & weight	Indicate Physical Dimensions & weight
22	Printer Software & Drivers	List O/S supported & Drivers to be provided.
23	Other Features	Multi Lingual support required. Indicate Acoustics, Automatic, Ribbon Cartridge life, Graphic resolution, environmental factors, any other feature.
24	Ribbon Life	Indicate in million characters
25	MTBF	20000 POH
	Warranty	1Year warranty incl. printer head

Configuration of Laptops:

Quantity required: 14

S.No	Parameter	Specification Required
1	Make	
2	Processor	Intel® Core™ i5-7200U Processor (3MB Cache, 2.5 Ghz) OR HIGHER
4	Chipset	Integrated System on Chip
5	Memory	8GB (1x8 GB) DDR4 2400 Memory. 2 Memory slots. Expandable to 32GB
6	Graphics	Integrated Graphics HD UMA
7	Hard Drive	500 GB SATA 7200 rpm HDD
8	Screen	Not more than 13.3" Non-Touch HD (1366 x 768) Anti-Glare LCD
9	Keyboard	Internal Single Pointing Backlit spill resistant metallic Keyboard deck
10	Camera	Integrated 720p HD Camera
11	Battery	3 Cell or better with minimum 6 hours back up or better
12	NIC / Wireless / BT	Integrated Ethernet 10/100/1000 NIC, Dual band 2 x 2 wireless ac card + Bluetooth4.0 or better
13	OS	Windows 10 Pro preloaded by OEM at the factory
16	Warranty	3 Years comprehensive onsite warranty including battery
17	Ports & Slots	3 USB Port with at least 2 x USB 3.0 and 1 Type C USB Port, HDMI, VGA/DVI/DP, RJ-45, SD Memory card reader, Universal Jack (global headset jack + mic phone in + line in support)
18	Security	Security lock slot, TPM 2.0,
19	Weight	Not more than 1.65 Kg
20	Power Adaptor	65W adapter
21	Certifications	EPEAT Gold; Energy Star, ISO 9001, 14001, ISO 27001, MIL 810G & Windows 10 certification for OEM
22	MIL STD	810G

Configuration of Laptops:

Quantity Required: 1

S.No	Parameter	Specification Required
1	Make	
2	Model	Convertible Notebook
3	Type	The device should be capable of working in tablet mode on rotating the screen 360 degrees. Notebook should be foldable to the keyboard and work in a tablet mode
4	Processor	Intel® Core i5-7200U with Intel HD Graphics 620 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores)
5	Chipset	Chipset integrated with processor
6	Memory	8 GB DDR4-2133 SDRAM
7	Internal Storage	512GB SSD
8	Display	Not more than 33.8 cm (13.3") diagonal FHD UWVA ultra slim touch screen (1920 x 1080) with Corning® Gorilla® Glass. The screen should support inking /writing through a digital pen. Integrated Privacy filter should be provided
9	Graphics	Integrated HD Graphics
10	Audio	Speakers
11	Wireless	Dual Band Wireless and Bluetooth® 4.0 Combo or better
12	Expansion Slots	1 microSD, Smart card reader slot
13	Ports & Connectors	3 USB 3.0 or better (minimum 1 thunderbolt port); 1 micro HDMI ; 1 headphone/microphone combo, 1 external micro SIM option .
14	Network	Integrated Gigabit LAN port.If RJ 45 is not given proper interface cable for RJ45 is to be provided)
15	WWAN	Lt4132 LTE HSPA
16	Input Device	Full size spill proof keyboard with image sensor Clickpad multi-touch gestures enabled
17	Camera	IR Camera
18	Operating System	Windows 10 Pro
19	Security Management	TPM 2.0 for security. Security slot for securing the device
20	Battery	3 Cell or better with 12 hours or higher back up
21	Certifications	ENERGY STAR® certified, EPEAT
22	Weight & Dimensions	should be less 1.3 kg including keyboard and thickness should not be more than 15mm
23	Warranty	3 Year onsite Warranty

Configuration of LaserJet Printer:

Quantity required: 5

S. No	Parameter	Specification Required
1	Printer Type	Network Printer – Laser – Monochrome
2	Form Factor	Internal
3	Processor Speed	Min: 230 MHz
4	Memory	Min: 32MB
5	Connectivity	LAN/USB 2.0 Plug and Play
6	Ethernet	Yes
7	Automatic Duplexing	Yes
8	ADF	Optional
9	Monthly Duty Cycle	Min: 5000
10	PPM	Min: 20ppm
11	Resolution	Min: 600 x 600 dpi
12	Power Consumption	Standard
13	Average Cartridge Yield	Min: 2000
14	Starter Cartridge Yield	Min: 1000
15	Operating System	All Windows OS
16	Warranty	1 year on site
17	Make	Indicate
18	Model–offered in India (should not be declared end of life)	Indicate
18	Supply and Installation	Within 10 days from the date of PO.

Other Terms and Conditions:

- **Rate contract would be on Base Unit**
- **The Rate contract would be for a period of 1 year**
- **Total cost inclusive of all taxes, if any, to be indicated.**
- **Taxes as applicable at the time of PO released.**
- **Manufacturer authorization form is mandatory**
- **Technical bid for Thin Client devices shall be submitted with buy back offer.**

Chief Information Officer