

No. 10 (10)/2012-NICSI

NATIONAL INFORMATICS CENTRE SERVICES Inc.
(NICSI)

(A Government of India Enterprise under NIC)
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Corrigendum-I

Open Tender Notice No: NICSI/DESKTOP & WS/2012/12

**MODIFICATIONS AFTER PREBID TO THE NICSI TENDER AS PER REQUESTS /
OBSERVATION RECEIVED**

The following amendments have been made to open tender no. NICSI/DESKTOP & WS/2012/12 for supply, testing & installation of Notebook, Desktop & Workstation Systems and related optional items.

Terms & Conditions

A. Clause 5.5.11 has been amended to be read as “5.5.11 NICSI will make all efforts to award 40% of the total purchase orders during financial year to L1 vendor.”

B. Clause 5.5.12 has been amended to be read as “5.5.12 Bidder will submit the foreign exchange rate (USD) applicable on tender submission date, as given in financial bid. However the foreign exchange rate on last date of bid submission published at RBI site will be taken as reference by NICSI. The rates may be revised when the fluctuation is $\pm 5\%$ of the defined referenced value. Method of rate revision due to above fluctuation is defined in the financial bid Performa. For subsequent revisions, the foreign exchange rate prevailing at revision time will be used.”

C. Clause 5.7.1 has been amended to be read as “5.7.1 the schedule to be given for delivery at site is to be strictly adhered to in view of the strict time schedule for implementation of various Projects.

S. No.	Locations	Delivery Period (in days)	
		Rest of India	NE States (including Sikkim, J&K, Lahual-Spiti & Kinnaur in HP, Andaman Nicobar and Lakshdweep Islands)
1	State Capitals	30	45

2	District & Below District Level	45	60
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Any unjustified and unacceptable delay in delivery schedule as given in above table will render the vendor liable for liquidated damage at the rate of 0.1% (point one percent) of the purchase order value per day for first week, 0.2%(point two percent) per day for second week, 0.3% (point three percent) per day for third week and 0.4% (point four percent) per day for fourth week, subject to maximum four weeks in total. Proof of Delivery/Installation duly signed by the user/NIC/NICSI Project Coordinator, with his name, date of delivery, designation and office seal, legibly recorded, should reach NICSI Head Quarters, New Delhi within 30 days with the bills, after the date on which the item(s) was delivered / installed.

If the bills are not submitted after delivery/installation with relevant documents in 30 days, penalty @ 1% per week subject to a maximum of 2 % will be levied from the total order value.

Due to financial year closing, vendor has to submit their bills to NICSI in time, not to allow any payment of interest / penalty to tax authorities by NICSI. If so, such interest / penalty will be deducted from the payment due to the respective bidders”.

D. Clause 5.8.1 has been amended to be read as “5.8.1 Bidder should install these items at specified site without any additional charge. Installation should be completed within 15 Days (Fifteen Days) from the scheduled or actual date of delivery whichever is later for all locations. If the scheduled date of delivery /installation falls on holiday / non-working day (at the delivery location), the next working day shall be treated as due date of delivery / installation. The delay in installation will carry penalty at the rate of 0.1% (point one percent) of the purchase order value per day for first 10 days and 0.2% (point two percent) for next 10 days (maximum 3%) on delayed installed items. Thereafter, NICSI holds the option to get the procured item installed through alternate sources at the risk and cost of the defaulting vendor. For delivered item, if found defective /broken, vendor will replace the item with new one, at their own cost and risk within four weeks and install the same in seven days after delivery. Thereafter, NICSI holds the option to procure the defective /broken item through alternate sources at the risk and cost of the defaulting vendor. A sticker mentioning the service support call centre number of the vendor should be pasted on each supplied item. An installation certificate as per format given in Annexure-I must be obtained from user or NIC/NICSI project coordinator as then case may be.”

E. The first line in Clause 5.10.3 has been amended to be read as “5.10.3 the vendor should fulfill the following conditions during warranty/extended warranty period:-”

Revised Specification

Annexure-I

Entry Level Desktop

Desktop Computer System with following configuration:

S. No.	Item	Complete Description	Technically Compliant (Yes / No)
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1	Processor	The desktop should have X86 processor SPEC CPU2006 benchmarked with minimum SPEC rating of 55(60% of SPEC Int rate base2006 plus 40% of SPEC fp rate base2006 scores) with 4 GB memory. The quoted processor should be from latest available reliable series.	
2	Motherboard & Chipset	Compatible chipset based motherboard with minimum two PCI/PCI-x/ PCIe slots.	
3	Video	Integrated Graphic controller	
4	Network	Integrated Gigabit Ethernet controller with IPV6 Compliant	
5	Ports	1x fast serial port, 4x USB 2.0 ports (2 ports on front), 1xKeyboard port, 1xMouse port	
6	SATA Controller	Integrated dual port SATA 3 Gbps controller	
7	Sound Controller	Integrated sound controller	
8	Memory	2GB DDR-3 1066MHz or higher expandable up to 4 GB	
9	Storage	320GB or higher SATA II HDD 7200 RPM	
10	Optical Drive	DVD ROM drive	
11	Keyboard & Mouse	104 Keys OEM Keyboard with rupee sign engraved and OEM Optical Scroll Mouse with Mouse pad	
12	Monitor	17" or higher TFT LCD Monitor with 5 ms or better response time, TCO 05 certified	
13	Power Management & DMI	System with Power management features & Desktop Management Interface implementation	
14	System Chassis	Small Form Factor System chassis of volume less than 13 (+5%) with suitable power supply to sustain above configuration	
15	OS Support & Certification	Windows 7 & Linux	
16	Accessories	System user manual and all other necessary accessories	

DS-1L: Above configuration preloaded with Linux Desktop OS (Latest Version), all necessary Plug-ns/utilities and driver software including bundled in CD Media.

DS-1W: Above configuration preloaded with OEM Pack Windows 7 Professional, all necessary Plug-ns/utilities and driver software, bundled in CD/DVD Media and preloaded latest version antivirus software with one year free upgrade validity.

Annexure-II

Low End Desktop

Desktop Computer System with following configuration:

S.	Item	Complete Description	Technically
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No.			Compliant (Yes / No)
1	Processor	The desktop should have X86 processor SPEC CPU2006 benchmarked with minimum SPEC rating of 70(60% of SPEC Int rate base2006 plus 40% of SPEC fp rate base2006 scores) with 8 GB memory. The quoted processor should be from latest available reliable series.	
2	Motherboard & Chipset	Compatible chipset based motherboard with minimum two PCI/PCI-x/ PCIe slots.	
3	Video	Integrated Graphic controller	
4	Network	Integrated Gigabit Ethernet controller with IPV6 Compliant	
5	Ports	1x fast serial port, 4x USB 2.0 ports (2 ports on front), 1xKeyboard port, 1xMouse port	
6	SATA Controller	Integrated dual port SATA 3 Gbps controller	
7	Sound Controller	Integrated sound controller	
8	Memory	2GB DDR-3 1066MHz or higher expandable up to 4 GB	
9	Storage	320GB or higher SATA II HDD 7200 RPM	
10	Optical Drive	DVD ROM drive	
11	Keyboard & Mouse	104 Keys OEM Keyboard with rupee sign engraved and OEM Optical Scroll Mouse with Mouse pad	
12	Monitor	17" or higher TFT LCD Monitor with 5 ms or better response time, TCO 05 certified	
13	Power Management & DMI	System with Power management features & Desktop Management Interface implementation	
14	System Chassis	Small Form Factor System chassis of volume less than 13 (+5%) with suitable power supply to sustain above configuration	
15	OS Support & Certification	Windows 7 & Linux	
16	Accessories	System user manual and all other necessary accessories	

DS-2L: Above configuration preloaded with Linux Desktop OS (Latest Version), all necessary Plug-ns/utilities and driver software including bundled in CD Media.

DS-2W: Above configuration preloaded with OEM Pack Windows 7 Professional, all necessary Plug-ns/utilities and driver software, bundled in CD/DVD Media and preloaded latest version antivirus software with one year free upgrade validity.

Annexure-III

Mid-Range Desktop

Desktop Computer System with following configuration:

S. No.	Item	Complete Description	Technically
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			Compliant (Yes / No)
1	Processor	The desktop should have X86 processor SPEC CPU2006 benchmarked with minimum SPEC rating of 95(60% of SPEC Int rate base2006 plus 40% of SPEC fp rate base2006 scores) with 8 GB memory. The quoted processor should be from latest available reliable series.	
2	Motherboard & Chipset	Intel 6 Series / AMD 785 or higher chipset based motherboard with minimum two PCI/PCI-x/ PCIe slots.	
3	Video	Integrated Graphic controller	
4	Network	Integrated Gigabit Ethernet controller with IPV6 Compliant	
5	Ports	1x fast serial port, 4x USB 2.0 ports (2 ports on front), 1xKeyboard port, 1xMouse port	
6	SATA Controller	Integrated dual port SATA 3 Gbps controller	
7	Sound Controller	Integrated sound controller	
8	Memory	4GB DDR-3 1333MHz or higher expandable up to 8 GB	
9	Storage	500GB or higher SATA 3 Gbps HDD 7200 RPM	
10	Optical Drive	Integrated dual layer DVD Writer	
11	Keyboard & Mouse	104 Keys OEM Keyboard with rupee sign engraved and OEM Optical Scroll Mouse with Mouse pad	
12	Monitor	17" or higher TFT LCD Monitor with 5 ms or better response time, TCO 05 certified with inbuilt /side attachable speakers (Min. 1W * 2)	
13	Power Management & DMI	System with Power management features & Desktop Management Interface implementation	
14	System Chassis	Small Form Factor System chassis of volume less than 13 (+5%) with suitable high efficiency power supply (>=85%) to sustain above configuration.	
15	OS Support & Certification	Windows 7 & Linux	
16	Accessories	System user manual and all other necessary accessories	

DS-3L: Above configuration preloaded with Linux (RHEL) Desktop OS (64 bit, Latest Version), all necessary Plug-ns/utilities and driver software including bundled in CD Media.

DS-3W: Above configuration preloaded with OEM Pack Windows Windows 7 Professional (64 bit), all necessary Plug-ns/utilities and driver software, bundled in CD/DVD Media and preloaded latest version antivirus software with one year free upgrade validity.

High End Desktop**Desktop Computer System with following configuration:**

S. No.	Item	Complete Description	Technically Compliant (Yes / No)
1	Processor	The desktop should have X86 processor SPEC CPU2006 benchmarked with minimum SPEC rating of 130(60% of SPEC Int rate base2006 plus 40% of SPEC fp rate base2006 scores) with 8 GB memory. The quoted processor should be from latest available reliable series.	
2	Motherboard & Chipset	Intel 6 Series / AMD 785 or higher chipset based motherboard with minimum two PCIe & one PCI/PCI-x slots.	
3	Graphics Controller	Integrated graphics controller	
4	Network	Integrated Gigabit Ethernet controller with IPV6 compliant	
5	Ports	1x fast serial port, 1xParallel, 4x USB ports (Min. two USB 3.0 & 2 ports on front), 1xKeyboard port, 1xMouse port, 1xDVI/HDMI port	
6	HDD Controller	Integrated dual port SATA 6 Gbps Controller	
7	Sound Controller	Integrated sound controller	
8	Speaker	External Stereo Speakers 2x3w (RMS) with Stereo Microphone & Headphone	
9	Memory	4 GB DDR-3 1333 MHz or higher expandable to 16 GB.	
10	Storage	1TB or higher SATA 6Gbps HDD 7200 RPM	
11	Optical Drive	Internal Dual Layer DVD Writer	
12	Keyboard & Mouse	104 Keys OEM Keyboard with rupee sign engraved and OEM Optical Scroll Mouse with Mouse pad	
13	Monitor	19" or higher TFT or higher LCD Monitor with 5 ms or better response time, TCO 05 certified.	
14	Power Management & DMI	System with Power management features & Desktop Management Interface implementation	
15	System Chassis	System chassis with suitable High efficiency power supply ($\geq 85\%$ & 300W)to sustain full load including possible future up gradations and with minimum one free internal peripheral bay (3.5"). Chassis should capable for installation of full height PCI cards.	
16	OS Support & Certification	Windows 7 & Linux	

17	Accessories	System user manual and all other necessary accessories	
18	Other required features	The desktop should have hardware based out of band management support, remote management & asset management features.	

DS-4L: Above configuration preloaded with Linux (RHEL) Desktop OS (64 bit) (Latest Version), all necessary Plug-ins/utilities and driver software including bundled in CD Media.

DS-4W: Above configuration preloaded with OEM Pack Windows Windows 7 Professional (64 bit), all necessary Plug-ins/utilities and driver software, bundled in CD/DVD Media and preloaded latest version antivirus software with one year free upgrade validity.

Annexure-V

Desktop System (All-in-One) (20" Non-Touch)

Desktop Computer System Integrated within 20" TFT monitor having following configuration.

S. No.	Item	Complete Description	Technically Compliant (Yes / No)
1	Processor	The desktop should have X86 processor SPEC CPU2006 benchmarked with minimum SPEC rating of 60(60% of SPEC Int rate base2006 plus 40% of SPEC fp rate base2006 scores) with 8 GB memory.	
2	Motherboard & Chipset	Compatible chipset based motherboard	
3	Video	Integrated Graphic controller	
4	Network	Integrated Gigabit Ethernet controller with IPV6 compliant	
5	WiFi	Integrated Wifi	
5	Ports	4x USB 2.0 ports	
6	Sound Controller	Integrated sound controller	
7	Memory	4 GB DDR3 1066MHz or higher	
8	Storage	500GB SATA 3 Gbps HDD 7200 RPM	
9	Optical Drive	Inbuilt DVD Writer	
10	Keyboard & Mouse	Wireless (Keyboard & optical scroll mouse with pad) with heavy duty batteries	
11	Display	20" or higher TFT display with inbuilt webcam of minimum 1.3MP resolution & inbuilt stereo speakers of 2W each	
12	Power Management & DMI	System with Power management features & Desktop Management Interface implementation	
13	OS Support & Certification	Windows 7 & Linux	

14	Accessories	System user manual and all other necessary accessories	
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DS-5M: Above configuration preloaded with MAC OS (Latest Version), Office & Internet explorer software and all necessary Plug-ins/utilities, driver software including bundled in CD/DVD Media.

DS-5W: Above configuration preloaded with OEM Pack Windows 7 Professional (64 bit), all necessary Plug-ins/utilities and driver software, bundled in CD/DVD Media and preloaded latest version antivirus software with one year free upgrade validity.

Annexure-VI

Desktop System (All-in-One) (23" Touch)

Desktop Computer System Integrated within 23" touch based TFT monitor having following configuration:

S. No.	Item	Complete Description	Technically Compliant (Yes / No)
1	Processor	The desktop should have X86 processor SPEC CPU2006 benchmarked with minimum SPEC rating of 70(60% of SPEC Int rate base2006 plus 40% of SPEC fp rate base2006 scores) with 8 GB memory.	
2	Motherboard & Chipset	Compatible chipset based motherboard	
3	Video	Graphic controller	
4	Network	Integrated Gigabit Ethernet controller with IPV6 compliant	
5	WiFi & Bluetooth	Integrated Wifi & Bluetooth enabled	
5	Ports	1x fast serial port, 4x USB 2.0 ports , 1xKeyboard port, 1xMouse port	
6	Sound Controller	Integrated sound controller	
7	Memory	4 GB DDR3 1066MHz or higher	
8	Storage	1 TB SATA 3 Gbps or higher HDD 7200 RPM	
9	Optical Drive	Inbuilt DVD WRITER	
10	Keyboard & Mouse	Wireless (Keyboard & optical scroll mouse with pad) with heavy duty batteries	
11	Display	23" or higher touch based TFT display with inbuilt webcam of minimum 1.3MP resolution & inbuilt stereo speakers of 2W each	
12	Power Management & DMI	System with Power management features & Desktop Management Interface implementation	
13	OS Support & Certification	Windows 7 & Linux	
14	Accessories	System user manual and all other necessary accessories	

DS-6L: Above configuration preloaded with Linux OS (Latest Version) (64 bit), all necessary Plug-ins/utilities and driver software including bundled in CD/DVD Media.

DS-6W: Above configuration preloaded with OEM Pack Windows 7 Professional (64 bit), all necessary Plug-ins/utilities and driver software, bundled in CD/DVD Media and preloaded latest version antivirus software with one year free upgrade validity.

Annexure-VII

Workstation (WS-1)

Workstation Computer System with following configuration.

S. No.	Item	Complete Description	Technically Compliant (Yes / No)
1	Processor	The workstation should have single quad core or more core 64 bit X86 processor. The processor should be fully binary compatible to 32 bit applications. A quad core or more core on a single die/socket will be treated as a single processor. The X86 processor should have SPEC CPU2006 benchmarked with minimum SPEC rating 130(60% of SPEC Int rate base2006 plus 40% of SPEC fp rate base2006 scores) with 8 GB memory.	
2	Motherboard & Chipset	Latest workstation chipset based motherboard with minimum two free PCI slots.	
3	Graphics	PCI Express x16 Graphics Accelerator Card (minimum 128 bit, 1GB Onboard Video memory and 25 GBps memory bandwidth)	
4	Network	Integrated Gigabit Ethernet controller with IPV6 compliant.	
5	Ports	1x fast serial port, 4x USB 2.0 ports (2 ports on front), 1xKeyboard port, 1xMouse port, 1xHDMI/DVI Port, 1xParallel	
6	HDD Controller	Integrated quad port SATA controller (Min. two 6 Gbps ports)	
7	Sound Controller	Integrated sound controller	
8	Speaker	External Stereo Speakers 2x3w (RMS) with Stereo Microphone & Headphone	
9	Memory	2x4GB DDR3 1333MHz expandable up to 16GB	
10	Storage	2x500GB or higher SATA 6Gbps HDD 7200 RPM	
11	Optical Drive	Internal Dual layer DVD Writer	
12	Keyboard & Mouse	104 Keys OEM Keyboard with rupee sign engraved and OEM Optical Scroll Mouse with Mouse pad	
13	Monitor	21" TFT LCD Monitor with 5 ms or better response time, TCO 05 certified	
14	Power Management	System with Power management features & Desktop Management Interface implementation	

	& DMI		
15	System Chassis	ATX Chassis with suitable high efficiency power supply to sustain full load including possible future up gradations and with minimum one free external peripheral bay (5.25"). Chassis should capable for installation of full height PCI cards.	
16	OS Support & Certification	Windows 7, Linux OS	
17	Accessories	System user manual and all other necessary accessories	

WS-1L: Above configuration preloaded with Linux (RHEL) Enterprise WS Edition OS (Latest Version), all necessary Plug-ins/utilities and driver software including bundled in CD.

WS-1W: Above configuration preloaded with OEM Pack Windows 7 Ultimate Edition, all necessary Plug-ins/utilities and driver software, bundled in CD/DVD Media and preloaded latest version antivirus software with one year free upgrade validity.

Annexure-VIII

Mini Notebook (NB-1)

Notebook with following configuration:

<u>S. No.</u>	<u>Component Name</u>	<u>Component Description</u>	<u>Technically Compliance (Yes/No)</u>
<u>1</u>	<u>Processor</u>	X86 dual core processor with minimum 1GHz or higher.	
<u>2</u>	<u>Chipset</u>	Compatible chipset supporting quoted processor	
<u>3</u>	<u>Memory</u>	2GB DDR3 1066 MHz or higher Memory	
<u>4</u>	<u>Graphic Controller</u>	Integrated Graphics Controller.	
<u>5</u>	<u>Sound Controller</u>	Integrated sound controller with built-in Speakers, Mic.	
<u>6</u>	<u>Network</u>	10/100 Ethernet, Wireless LAN 802.11 b/g.	
<u>7</u>	<u>Storage</u>	160GB or higher SATA HDD (5400 or higher RPM).	
<u>8</u>	<u>Additional Feature</u>	Built in Card Reader, Bluetooth enabled	
<u>9</u>	<u>Web Camera</u>	Built in Web Camera (VGA or higher)	
<u>10</u>	<u>Ports</u>	2xUSB (2.0), 1xVGA, Headphones-out & Microphone-in jack, 1xRJ45	
<u>11</u>	<u>Display</u>	7" to 10.5 " or higher TFT / LED display with wide viewing Angle	
<u>12</u>	<u>Power Management</u>	Advanced Power Management feature.	
<u>13</u>	<u>Keyboard</u>	Keyboard with palm rest & Touch Pad with Scroll/ Track Point.	
<u>14</u>	<u>Battery Backup</u>	Minimum 6 Hrs Battery Backup under standard working conditions using Lithium Ion Rechargeable Battery.	
<u>15</u>	<u>Accessories</u>	AC Power Adapter & good quality Carrying case etc.	
<u>16</u>	<u>OS Support</u>	Windows & Linux	
<u>17</u>	<u>Weight</u>	Less than 1.5 KG	

NB-1L: Above configuration preloaded with Linux Desktop OS (Latest Version), all necessary Plug-ins/utilities and Driver software including bundled in CD Media.

NB-1W: Above configuration preloaded with OEM Pack **Windows 7 home with all** necessary Plug-ins/utilities and driver software, bundled in CD/DVD Media and preloaded latest version antivirus software with one year free upgrade validity.

Annexure-IX

Ultra Book

Notebook with following configuration:

S. No.	Component Name	Component Description	Technically Compliance (Yes/No)
1	Processor	X86 dual core processor with minimum 1.6 GHz or higher and minimum. 3 MB Cache Memory(Maximum TDP of processor-20W).	
2	Chipset	Matching chipset for the quoted processor	
3	Memory	4GB DDR3 1066MHz or higher Memory	
4	Graphic Controller	Integrated Graphics Controller.	
5.	Sound Controller	Integrated sound controller with Speakers (in built) & Mice.	
6	Network	Gigabit Ethernet , integrated Wireless LAN 802.11 a/g/n	
7	Storage	128 GB SSD drive	
8	Optical Device	Sleek DVD +RW Drive (Dual Layer).	
9	Additional Feature	Bluetooth enabled,	
10	Web Camera	Built in Web Camera	
11	Ports	2xUSB	
12	Display	12.0-13.3" HD (1366x768 or higher) Anti-Glare LED	
13	Power Management	Advanced Power Management feature.	
14	Keyboard	Keyboard with palm rest & Touch Pad with Scroll/ Track Point	
15	Chassis	Metal Alloy chassis. Z-height less than or equal to 18.0mm	
16	Battery Backup	5Hrs Battery Backup under standard working conditions using Lithium Ion Rechargeable Battery.	
17	Accessories	AC Power Adapter, Headphone, Carrying case and all required cables for available ports usability, if required	
18	Weight	Less than 1.5kg	
19	Warranty	Three/Five year on-site Comprehensive Warranty (with one year warranty on battery)	

NB-2M: Above configuration preloaded with MAC OS (Latest Version) with MAC office and internet browsing software, all necessary Plug-ins/utilities and Driver software including bundled in CD/DVD Media.

NB-2W: Above configuration preloaded with OEM Pack Microsoft Window 7 Professional Edition (64 bit), all necessary Plug-ins/utilities and driver software including bundled in CD/DVD Media and preloaded latest version antivirus software with one year validity.

Annexure-X (TC-1L)

Thin Client (Linux Embedded) (TC-L)

S. No	Hardware Specifications	Compliant (Y/N)
1	Industry standard 1GHz or higher speed processor	
2	Built-in 10/100 Ethernet Interface with WOL support and IPV6 Compliant	
3	One serial port ,2 USB port (Free), Audio Port	
4	Optical mouse with pad and 104 Keys keyboard	
5	1 GB RAM upgradeable up to 2GB	
6	2 GB Flash ROM	
7	With 18.5" TFT LCD Flat Monitor with 5 ms or better response time & TCO'05 certified	
8	Ultra Small form factor chassis mountable at rear side of monitor with Visa kit	
9	Software	
10	Linux and open office Embedded in Flash ROM	
11	Thin client should be latest Linux stable kernel based	
12	Support for SSH, telnet, XDM protocols and VNC.	
13	Should have applications such as Web Mail client, Browser, PDF reader etc.	
14	Should support plug and play USB Drives	
15	Multilingual support. Unicode complaint (Indian Language support – English, Hindi & Local Language) with three key board layouts.	
16	Samba support for sharing printers and file-systems	
17	Remote administration such as Telnet, FTP, NFS, Samba, SSH Client with secure copy, etc.	
18	Automatic hardware detection	
19	GUI tools for configuring devices such as printers, Network cards etc.	
20	Thin Client should have Gnome/KDE Window Manager	
21	Thin Client should have support for NIS, LDAP authentication	

Annexure-X (TC-1W)

Thin Client (Window Embedded) (TC-W)

S. No	Hardware Specifications	
1	Industry standard 1GHz or higher speed processor	
2	Built-in 10/100 Ethernet Interface with WOL support and IPV6 Compliant	
3	One serial port,2 USB port (Free),Audio Port	
4	Optical mouse with pad and 104 Keys keyboard	
5	1 GB RAM upgradeable up to 2GB	
6	2 GB Flash ROM	
7	With 18.5” TFT LCD Flat Monitor with 5 ms or better response time & TCO’05 certified	
8	Ultra Small form factor chassis mountable at rear side of monitor with Visa kit	
9	Software	
10	Windows XP Embedded in Flash ROM	
11	JVM Support – for IE 7.0 or latest version	
12	Should support VT100/VT220/ANSI emulations	
13	Full PPP/ Multisession/Multihost support under window environment	
14	Multilingual support & thin client management software	
15	OS Support : Microsoft Windows 2003 or latest Server TSE, Unix and Linux Server (using emulation suite).	
16	Support for telnet protocol and VNC.	
17	Should have applications such as Web Mail client, Browser, PDF reader etc.	
18	Should support plug and play USB Drives	
19	Multilingual support. Unicode complaint (Indian Language support – English, Hindi & Local Language) with three key board layouts.	
20	Remote administration such as Telnet	
21	Automatic hardware detection	
22	GUI tools for configuring devices such as printers, Network cards etc.	

Annexure-XI

Additional ITEMS FOR ANNEXURE – I to X

Sl. No.	Applicable Annexure/ Systems	Description	Make	Model	Technical Compliance
1	VIII	320GB SATA HDD 5400 RPM in lieu of 160 GB SATA HDD (5400 rpm)			
2	I & II	500 GB SATA-II HDD 7200 rpm in lieu of 320 GB SATA-II HDD (7200 rpm)			

3	I to VII	2 GB DDR3 memory			
4	I to VII	4 GB DDR3 memory			
5	Optional	15" or higher TFT Monitor with 12 ms or better response time, TCO 03 certified			
6	IV & VII	17" or higher TFT LCD Monitor with 5 ms or better response time, TCO 03 certified with inbuilt speakers			
7	Optional	19" or higher TFT LCD Monitor with 5 ms or better response time, TCO 05 certified with inbuilt speakers & minimum 1.3MP webcam			
8	I to IV	19" or higher TFT LCD Monitor with 5 ms or better response time, TCO 05 certified with inbuilt speakers			
9	Optional	21" TFT LCD Monitor with 8 ms or better response time, TCO 03 certified with inbuilt speakers			
10	IV & VII	PCI Express x16 Graphics Accelerator Card (minimum 128 bit, 512 MB Onboard Video memory and 12.8 GBps memory bandwidth)			
11	IV & VII	PCIe graphics card with dedicated 1GB memory supporting OpenGL 2.1 or latest and DirectX 10 or latest, having minimum memory bandwidth of 25 GB/s & minimum 128 bit memory interface.			
12	IX	128 GB Solid State Drive			
13	Optional	USB 2.0 based Fingerprint capture device with suitable sensor having minimum 500 dpi resolution and bundled with required software & accessories			
14	Optional	16x DVD ROM Drive			
15	Optional	Internal 16x or higher Slim DVD ROM Drive			
16	Optional	Internal Slim DVD Writer			
17	V & VI	OEM Optical USB Scroll Mouse with Mouse pad			
18	V & VI	104 Keys OEM Keyboard			
19	Optional	wireless Keyboard & wireless optical scroll mouse with pad			
20	Optional	Microsoft wireless Keyboard & Microsoft Wireless Optical Scroll Mouse with Pad			
21	Optional	104 Keys Bilingual Keyboard with engraved keys			
22	Optional	104 Keys Cherry (Mechanical) Keyboard			
23	Optional	10/100/1000 Mbps Desktop Ethernet card			
24	Optional	External Stereo Speakers 2x3 (RMS) with Stereo Microphone & Headphone			
25	Optional	External Stereo Microphone with Stereo Headphone			
26	Optional	Single user Norton Anti Virus S/W (Latest Version) for Windows OS with free upgrade license (Viruses definition & engine files) valid for one year			
27	Optional	OEM Pack Windows 7 Professional Edition (Down gradable to XP) with OEM Pack optical Media			
28	Optional	OEM Pack Windows 7 Home with OEM Pack optical Media			
29	Optional	OEM Pack Windows 7 Ultimate Edition with OEM			

		Pack optical Media			
30	Optional	Latest version of Linux OS (RHEL) with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media			
31	Optional	Latest version of Linux OS (Suse) with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media			
32	Optional	Latest version of Linux Enterprise (RHEL) WS Edition OS with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media			
33	Optional	Latest version of Linux Enterprise (Suse) WS Edition OS with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media			
34	Optional	External USB Dual Layer DVD Writer (DVD +R/+RW & CD+R/+RW)			
35	Optional	Blue Ray DVD Writer having minimum 4MB buffer, minimum 4x Speed for BD -R/ +R, SATA/IDE interface with all necessary accessories & softwares (Driver & writing)			
36	Optional	Blue Ray DVD Writer having minimum 4MB buffer, minimum 4x Speed for BD -R/ +R, USB interface with all necessary accessories & softwares (Driver & writing)			
37	Optional	External Modem – 56Kbps V.92 dialup/fax modem with V.42/MNP 2/4 error correction V.42/MNPS data compression & V.17 class and 2.0 Group III fax			
38	Optional	ADSL Modem with downstream DTR up to 8Mbps & upstream up to 1Mbps, supporting latest ADSL standards with minimum one RJ11, one RJ45 & one USB ports			
39	Optional	ADSL Modem with downstream DTR up to 24Mbps & upstream up to 3.5Mbps, supporting latest ADSL standards, built in firewall & VPN features, TR-067 & TR-069 compliance with one RJ11 & minimum four RJ45 ports			
40	Optional	Wi Fi Compatible 108Mbps or higher Wireless I/F Card			
41	Optional	Bluetooth USB Adapter			
42	Optional	108 Mbps Wi Fi Compatible USB dongle			
43	Optional	TV Tuner Card with 30 fps Compatible with Windows			
44	Optional	Four Port USB Splitter			
45	Optional	Two port video splitter with required accessories & cables.			
46	Optional	PCI Base Parallel interface card			
47	Optional	Dual port USB 3.0 PCI Card			
48	Optional	Web Camera : VGA sensor (640 x480 pixel) resolution at up to 30 fps, built in microphone , still image up to 1.3 MP			

49	Optional	<p>Allow 1+5 users to share a single host PC / Server through a Shared Computing PC-Sharing kit. Power consumption of each access device not exceeding more than 25 watts. Device should not be integrated with any Peripheral like key board, mouse or Monitor.</p> <p>Each user should have independent Monitor and user experience should be same as on the host PC (Boot time, Login Experience, Responsiveness (mouse, keyboard, application start-up and execution), Graphics/Multimedia, Logout). Should support Office suite, Internet access softwares, other application softwares, Windows OS (Windows XP, Windows 2003 Server, Windows 2008 Server & Multipoint Server) and any one linux OS flavor. Solution with one Full Height PCI Card; Virtualization software; five access devices (with Speaker Output, Mouse and Keyboard output, Monitor output and RJ 45 Connection Port); five 17" or higher TFT monitors; five keyboards; five mouses & cables. Financial quote should be for this complete hardware solution.</p>			
50	Optional	<ul style="list-style-type: none"> • Access Device : Allow up to 15 users to share a single host PC/Server through a Shared Computing PC Sharing kit. This kit includes Virtualization software, access devices with audio in & out jacks, USB Mouse and USB Keyboard output, SVGA or higher Monitor output and RJ- 45 Connection Port, cables. Each access device should be standalone equipment and not integrated with any peripheral like keyboard, mouse, monitor etc. • Each user should connect with independent monitor. • Each user should have independent desktop environment. • Device should have the following feature like, High-availability login, Express deployment tools, etc. including Central management console. Should have feature of device management from Console. • Device should be in solid-state design. The device should have no moving parts, no fans, no local user storage, no local data storage on device. Should have reach PC experience and Quality Multimedia output. • Solution should support Office Suite (MS), Internet and other application software's. • Graphics Support and minimum 16-bit color support. • Power consumption of each access device should not exceed more than 5-12 watts. • Supports USB 1.1 or above flash memory devices – 			

		requires Windows OS on host (USB function can be disabled for security in the administration console <ul style="list-style-type: none"> • Operating systems to be supported are Windows OS (windows 7 Prof, Windows 2003 Server, Windows 2008R2) and any one of Linux flavor. 			
51	Optional	Ultra Portable Tablet Computer Ultra portable tablet Computer with minimum 1 GHz dual core processor, 1 GB RAM , 16 GB Flash memory, Minimum 8” touch screen LCD/LED touch display with minimum 1024x600 resolution ,Wi-Fi with 802.11 a/b/g/n, Bluetooth enabled, 3G enabled, 8 hrs battery life with rechargeable LI-Ion battery , weight up to 700 gms, min. 2 MP built-in camera supporting HD video, Stereo speakers and stereo microphone, Travel Charger, Carry case, Suitable Tablet OS with all necessary driver s/w, accessories, interface cables. Should be capable to access email by wirelessly connecting to smart phones.			
52	Optional	16GB Pen Drive			
53	Optional	32 GB Pen Drive			
54	Optional	500GB USB Pocket Drive			
55	Optional	1TB USB Drive			
56	Optional	Single user Latest version antivirus software for windows platform with free upgrade of viruses definition & engine files, capable to remove all existing viruses, adware, spyware & Trojan horses. The software should also be capable to remove & proactively prevent system from all new viruses, spyware, adware & Trojan horses.			

57	Optional	<p>Data Backup and Recovery Software Single Client license with following Specifications</p> <ul style="list-style-type: none"> ➤ Support All flavors of Windows x86/64 bit ➤ Supports backup in a bootable hidden partition, which could be password protected ➤ Supports Continuous Data Protection (CDP) ➤ Supports Live backup for all Applications settings, System state, open files, hidden files, system files, including all attributes, dates, access rights, etc for the following file systems – FAT16/32, NTFS, Ext2/Ext3, ReiserFS, Linux SWAP ➤ Supports Full, Incremental, Differential backup Files/Folders/Drives, which can be scheduled or event based ➤ Supports deletion of file/folder/drive securely, which cannot be recovered by any means ➤ Supports recovery with Bootable media ➤ Capable of searching data in archive ➤ Supports backup encryption level AES 256 ➤ Support recovery even on Bare-Metal ➤ Supports mounting of backup archives for individual file recovery or exploring of backup recovery 			
Quote for 3/5 Year Onsite Comprehensive Warranty for the above items except item no. 26 & 52 to 57. These items should be quoted with one year warranty support.					

All other modification / Corrigendums in future will be published on www.nicsi.nic.in & <http://eproc-nicsi.nic.in> only.

All other terms and conditions of the tender document will remain the same.

**Sd/-
Authorized Signatory**

For information to: -

All concern thorough NICS I website www.nicsi.nic.in & <http://eproc-nicsi.nic.in> only.

Notice Board of NICS I

IT,

INFORMATICS CENTRE SERVICES INCORPORATED.

Technical Verification Data Sheet (TVDS)

Tendor No.: NICS/	(Annexure:)	VENDOR NAME:
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A. PHYSICAL VERIFICATION

ITEM NAME	Sr. No.	MAKE	TYPE/SIZE	MODEL	System Category
A1 Main Unit with Power Cable					
A2 Monitor with Power Cable					
A3 Keyboard					
A4 OEM Scroll Mouse with Pad					

B. ARCHITECTURAL VERIFICATION

B1	MOTHERBOARD	Serial No.	Make / Model of M/B	M/B SFF/Mini ATX FF Supporting FSB	CPU Type	Cache Size	CPU Speed	Processor SPEC Rating	Main Memory				Chipset Make & No.	BIOS Make & Ver.	Power Mgmt. & DMI Imple.
									RAM (DIMM)Size, Type & Speed	Max. RAM Expandable	No. of DIMM Sockets	RAM Make			
B2	Slots Detail of M/B	No. OF PCI Slots:	No. OF Free PCI Slots:	No. Of PCI Slots: PCIEx 16 Slots:	PCIEx 1 Slots:	Serial, VGA-, RJ45-, Kbd-, Mouse -, USB (Front)-, USB (Rear)-, DVI-, Bluetooth-, Webcam-									
B3	Integrated Sound Controller	Controller Chip/ HD Audio Support	Codec Used	SNR	Audio Channel Supported		Analog/ Digital Audio Connectors	Resolution (bits)	Sampling Rate						
B4	Integrated Graphic Controller	Make/Model	Codec Used	Display Memory	Cont. chip		Bandwidth/ Bit Interface Mamory	Display Catch Size	PATA INTERFACE DTR (MBPS)						
B5	Integrated SATA Controller	Cont. Chip			Make			No. Of Channels		Total Device Supported			DTR (Max.)		
B6	Integrated Gigabit Ethernet Controller	Cont. Chip		WOL Support		DTR (Max.)		Full Duplex		IP v 6 Compliant					

B7	SATA HDD	Serial No.	Make / Model	NCQ Supported			Interface	Capacity	DTR Max.	Spindle Speed (RPM)	Average Seek Time	Rated MTBF (POH)
B8	Dual Layer DVD Writer	Serial No.	Make / Model	Dual Layer Supported		Interface	Speed	Multi Session Supported	Rated MTBF (POH)	Type (Tray / Vertical)		
B9	SMPS	Serial No.	Make / Model	System Energy Star 5 Compliant	Active PFC Power supply	Input Voltage Range	Type	No. Of Connectors	Output Power (Watts)	Cooling Fan		
B10	Cabinet	Make	Model	Size	Chassis Volume	Color	Indicators	No. Of Bays	No. Of Fans			
								FA 3.5". FA .25" INT 3.5". INT 5.25": Total:	Front: Rear: CPU: SMPS: Total:			
B11	Monitor	Make / Model	Supported Resolution	Power Cons.	Aspect Ratio	Response Time	Size	TCO 003/05 Certified	Response Time	Flat/Wide Brightness, In Built Speaker(Y/N), Wattage		
B12	Keyboard	Make / Model	No. Of Keys	No. Of Language Sticker Provided	OEM (Y/N)	Language Details	Keys Type (Mechanical)	Type Of Interface	Interface, Wired/Wireless			
B13	Mouse	Make / Model	No. Of Buttons	OEM (Y/N)	Interface (USB)	Mouse Pad Provided	Wired/Wireless					
B14	Audio (Extra)	Controller Chip	Speaker Make / Model	Speaker Wattage & PMPO	Headphone & Mic(Make & Model)							
B15	Physical security Feature	Software Enabled Security Lock (Yes / No)				Port Enable / Disable Form BIOS						
B16	OS Support & Certifications	Windows				Linux Make/ Ver						
		Support		Certification		Support		Certification				

D. ACCESSORIES				
D1	Pre Loaded OS with Media & Documentation (Make, Version, Bit Size etc			
D2	Downgradability			
D5	Accessories (Mouse Pad, Cables, Diagnostic Utilities, Drivers, DVD Writer, S/W)			
A3	Manuals			

Note: The above is an indicative Data sheet. If any additional or required parts to be included, it is vendors responsibility to compute the form correctly.