TENDER NO: ICSIL/01/203/HW OEM RC/2012-13/Fin. Bid, Dated: 08.08.2012

1. This notice inviting Financial bids is applicable to only those OEMs who have been short listed in pre-bid qualification and have submitted their Technical bids, containing their specification of Desktops, Printers, Laptops, UPS, i-pads, Tablets against this office Tender No: ICSIL/01/203/HW OEM RC/2012-13, Dated: 18/05/2012.

2. Sealed Financial Bids are invited from the short listed <u>OEMs only of Desktops</u>, Printers of various types, <u>Laptops, i-pad, tablets and UPS as given herein in the Tender Document for</u> empanelment for supply of these items to various client departments from time to time on Rate Contract basis. The items for which the rates are being invited are: <u>Desktop, Mini Note Books (Laptops), Printers, UPS, i-pad, tablets only</u>. The OEMs can supply these items directly or through their authorized business partner/s to the clients against the purchase order issued by ICSIL on the approved Rate Contract.

3. Intelligent Communication Systems India Ltd. (ICSIL) is a joint venture of Telecommunication Consultants India Ltd. (TCIL), a Govt. of India Enterprise, under ministry of communications & IT and Delhi State Industrial and Infrastructure Development Corporation (DSIIDC), an undertaking of Delhi Government. From the year of its inception in 1987, it has provided exemplary services in the IT sector, specializing in providing complete solutions in computerization, networking and telecommunication, procurement of hardware, software, networking equipment and other related items for various government departments. With a well-focused vision and a global mission, ICSIL looks at greener pastures across the globe and ICSIL has entered into MOU with various implementing partners for undertaking various IT activities.

4. ICSIL intends to enter into an MOU with the OEMs as well as their business partners/authorized suppliers to meet hardware requirement of various Govt. Departments from time to time. The empanelment will be for an initial period of one year which may be extended for another one year with mutual consent. The empanelled vendors will supply the requisite items themselves or through their business partners during the period of empanelment / extended empanelment on the basis of the approved Rate Contract finalized through this tender.

5. Delivery of the goods should be **within 1-4 weeks** of the confirmed work order for Indian manufactured items **and 4-6 weeks** for the items being imported and shall be on the basis of FOR/FOB.

6. **The bid is restricted only to short listed OEMs for above said items only.**

i. Financial bids are to be submitted exactly as per the format of the commercial bid given herein. Bidder should be a manufacturer of any of the above mentioned items and shortlisted for the same.

ii. The bidder must have country wide infrastructure support in the form of direct OEM service centers or service centers of franchises in Delhi. The bidders must indicate their business model for providing warranty and after sales support in the format given in Annexure–X (Bidder's Profile).

iii. The bidders shall submit the technical literature and international comparative ratings for each quoted product.

iv. **BIDS NOT SUBMITTED AS PER THE DESIRED FORMAT WILL BE OUTRIGHTLY REJECTED. COMPLIANCE TO TECHNICAL SPECIFICATION (PART-I) OF THE TENDER DOCUMENT IS ALSO REQUIRED.**

v. All OEMs are requested to actively participate in the bidding process in order to facilitate empanelment under rate contract.

7. **Configuration**: Systems matching the given configuration (model and make) of the system offered will only be accepted for empanelment.

8. **Pre-delivery inspection**: For individual orders greater than Rs.100 Lacs in value, ICSIL may if desires, before taking delivery, will inspect the systems at the factory site. Computer/server systems will be subject to bench marking test (WIN bench/AMI-DIAGS) and also continuous run test for a period of 24 hrs. These tests will be carried out at vendor's premises at vendor's cost. It is the responsibility of the vendor to make necessary testing facility available at his place. The tested systems shall be marked as "Tested-OK" and sealed for delivery. Supplier shall inform to ICSIL at least Seven days in advance for pre-inspection. Every system tested should have the name and designation of the person who tested the system with test date written therein with remarks.

9. **Packing:** All goods should be packed properly as required under Industry practices to avoid breakage and pilferage in transit.

10. **Packing List**: Packing list is to be provided with the delivery challan and copy of the same should also be pasted with complete details on the body of the carton/box.

11. **Transit Insurance**: The supplier has the responsibility to get the transit insurance at his own cost.

12. **Rejection**: All goods to be supplied which are not as per specification or are not of standard quality are liable to be rejected and returned to the vendor at their risk and cost. In case, any of the material supplied by the vendor is rejected and is lying stored with the client, the same shall be at suppliers risk and cost and ICSIL or its client department shall not be responsible for the same in any manner.

13. **Payment Terms:**

   i. 80% payment will be made after complete delivery, satisfactory installation and submission of acceptance certificate from the client department.
   ii. Balance 20% payment shall be released on back to back basis within maximum period of 3 months.

14. **Preventive Maintenance:-** The vendor will visit the computer installation site at least once in a quarter for preventive maintenance (cleaning, dusting etc.) during warranty & AMC period even if no complaint lodged by the purchaser/user department. The Bank Guarantee of 10% of total order value submitted by the vendors for a period of 38 months will be released by ICSIL only after verifying adherence to the preventive maintenance reports and call reports in respect of the Computer Systems supplied or on submission of a certificate of satisfactory completion of services by the vendor during warranty period of 36 months. The purchasing Departments/organizations shall maintain logs/registers wherein the service visits (both preventive and call services) would be recorded.

15. **Penalty Clause:** These penalties shall be imposed by the indenting departments on OEM/authorized vendor of OEM without prejudice to the rights and remedies.

   I. **Delay in case of installation of hardware:**
   The hardware shall be installed within five working days from the date of supply of hardware. In case, there is delay in installation of hardware beyond five working days, a penalty @ Rs.100/- per day subject to a maximum of 2% (Two percent) of the value of the purchase order, may be imposed by ICSIL on OEM/authorized vendor of OEM.

   II. **Delay in delivery of hardware:**
   In case of delay in the delivery schedule beyond six weeks from the date of receipt of order, it will attract a penalty @ 0.25% of the value of the total work order per day with a maximum cap of 10% of the value of the total work order.

   III. All penalties will be imposed and deducted by ICSIL from the bills raised by OEM/authorized vendor of OEM or from the Performance Guarantee submitted by OEM or Vendor.

   IV. In addition to above, any penalty imposed by the indenting department on ICSIL, the same will be passed on to the OEM/vendor on back to back basis.

16. **Risk Purchase:** On the failure of the supplier to make supply within the extended period or otherwise on the receipt of such information in the office of ICSIL, risk purchase at the cost of supplier will be made by ICSIL within 3 months of the expiry of the stipulated delivery period by inviting short term quotations from the registered and other known suppliers. The excess cost thus incurred will be recovered from the supplier from his pending bills/earnest money/ performance guarantee as applicable.

17. **Undertaking of Rates:-**

   i) All the vendors shall give an undertaking that the rates offered to ICSIL are the lowest and undertakes that the rates offered to any other Govt. Department will not be lower that the rates that has been offered to ICSIL. However, in case, it is established that the vendor or its principal has offered lower rates to any deptt./ organizations than to ICSIL for similar model and make, during the same period, or subsequently during the contract period, the vendor/ supplier would be liable to pay the differential amount to ICSIL.

   ii) Any reduction in prices of items due to Government or Company Policy should be passed on to end – user / beneficiary.

18. **Warranty Period:** The warranty of complete system, including software support, would be 3 years / 5 Years (As the case may be) from the date of installation and acceptance. Warranty will cover repair/replacement of all defective parts, if any, with the same branded make for any part replaced. Software media will be replaced by the supplier against any manufacturing defects. The warranty includes onsite maintenance. Limited/ carry-in warranty will not be accepted. The supplier will provide after-sale service during the warranty period from Delhi or from the nearest place of installation site. The supplier will attend the service call during warranty and maintenance period immediately but not later than one working day for Delhi and NCR, failing which, penalty shall be levied @ Rs.500/- (Rs. Five Hundred only) per day delay for totally down system and @ 200/- per day delay for partially down systems.

19. **Cancellation of order:**

   (a) If the order is not executed, as specified there-in or in accordance with the written delivery schedule furnished by ICSIL, or satisfactory performance of this order, ICSIL reserve the right to cancel this order, without liability to it.

   (b) Any loss incurred for non-execution of the order as mentioned in Clause 19(a) will have to be borne by the supplier and the same shall

be recovered from the supplier from his pending bills, performance guarantee etc.

20. **Acceptance Certificate:** On successful installation, testing and commissioning of the equipment, the client department will issue an acceptance certificate to the supplier which will be produced to ICSIL, failing which payment to the supplier shall not be released. Responsibility to obtain the acceptance certificate from the client department will be of the supplier.

21. **Responsibilities**: It will be responsibility of the vendor to keep the system in good working condition so as to ensure a minimum of 95% uptime on monthly basis by carrying out the necessary repairs/ preventive maintenance of the equipment, otherwise it will be treated as a non-performance, on the part of the vendor for which performance guarantee may be forfeited and vendor may be debarred for undertaking   future business.

22. **Site not ready:** In case the equipment could not be installed due to readiness of the site, a **"Site Not Ready"** certificate will be obtained by the supplier from the client department and submitted to ICSIL.

23. **Tender Processing Fee:** A non-refundable and non-transferable tender processing fee of Rs. 10,000/- (Rs. Ten Thousand Only)in the form of the Bank draft, payable to "ICSIL, Delhi" shall be deposited by all the bidders on the date of submission of their bid.

24. **Earnest Money Deposit:** All the OEM bidders will have to submit an earnest money deposit (EMD) of Rs. 2,00,000/- only (Rs. Two Lac only) in favour of "ICSIL, Delhi", in the form of an unconditional and irrevocable Bank Guarantee issued by a nationalized commercial bank and valid for a period of three months.

25. **Performance Guarantee:** OEMs shortlisted for empanelment under rate contract shall have to deposit a performance Bank Guarantee of Rupees Five Lakhs (Rs.5,00,000/-) valid for a period of fourteen months with a liability for extension up to the extended contract period.

   The EMD will be released after empanelment of the OEMs under Rate Contract and subject to submission of performance bank guarantee of prescribed amount valid for a period of Contract/extended contract period.

26. TENDER TIMELINES:

S.No	Activity Description	Date & Time
1.	Pre-bid conference	13/08/2012 at 11:00 AM
2.	Last date for submission of bid	17/08/2012 by 2:30 PM
3.	Opening of Financial Bid	17/08/2012 at 3:30 PM
4.	Negotiation with the OEMs	20/08/2012 at 11:00 AM
5.	Meeting with the preferred vendors/business partners of OEMS	23/08/2012 at 11:00 AM
6.	Signing of MoU with OEMs and their partners for empanelment under Rate Contract.	27/08/2012 at 11:00 Am

27. EVALUATION OF FINANCIAL BIDS:

i.   Financial bid submitted by the short listed bidders will be opened by the Purchase Committee.   Rates quoted by each bidder shall be announced loudly to the representatives of the OEMs present in the meeting.

ii.   **If the variation in prices of L2, L3, L4...OEMs is in the range of 20% of the rates quoted by L1 OEM, all such L2, L3, L4... OEMs may offer their prices to match at par with the rates quoted by L1 OEM of similar specification.**

iii. OEMs short listed, may authorize **two** of their business partners in case they do not deal directly with the supply of the empanelled items. Details of the Business partner/authorized vendor should be submitted as per the format given at Annexure-IX. **Distribution of work amongst the two vendors shall be done on equitable basis to the maximum possible of work order value.**

iv.   Authorized Business Partners / Service providers / authorized vendors shall act on behalf of their respective OEMsto supply their products to ICSIL on the approved rates during the contract/extend contract period.

v.   All Authorized Business Partners / Service providers / authorized vendors should have valid Manufacturers Authorized Form (MAF) from respective OEMs, failing which the empanelment will not be accepted in respect of same vendor.

28. EMPANELMENT OF BIDDERS

i.   The empanelment under this tender, is exclusively for the procurements proposed to be made as mentioned at Clause 2 of this tender by **ICSIL** during the validity of the Contract or its extended period of validity.

ii.   The panel will be valid for a period of 12 (Twelve) months in the first instance from the date of signing of MOU. If desired, the contract may be extended for a further period of 12 (Twelve months) with mutual consent.

iii. The inclusion or exclusion of any item of empanelment shall be done on quarterly basis by ICSIL with **respect to end of life of the item/product and After Sale Support Services as intimated by the OEM/Vendor**.

iv.   It shall also be mandatory on the part of all empanelled vendors/OEMs to submit revised rates to ICSIL on quarterly basis **to examine any decrease or increase of rates of any item covered under Rate Contract.** For any increase in rates, the vendor/OEMs shall have to submit justification for the same along with documentary proof of resultant increase in prices.

v.   A 'NIL' report shall be submitted to ICSIL by the OEM/Vendor in case there is no change in scope as mentioned above at paragraph 28 (iii)&(iv).

vi.   All OEMs and their Business Partners/Vendors/Empanelled Bidders shall have to enter into a written agreement with **ICSIL on government stamp paper** for honoring all tender conditions and adherence to all aspects of fair trade practices in executing the purchase orders placed by **ICSIL** on behalf of its client departments.

vii.   **In addition   to above, the following information should also be submitted:**

   a) Brief description of the location of its Plant, Testing & R&D Centre etc.

viii. **The tender shall be valid for a period of 180 days from the last date of submission of the financial bid.**

ix.   The Department reserves the right to suspend the bidding process, accept or reject any or all tender at any stage of the process and or modify the entire process or any part thereof at any time without assigning any reason whatsoever.

x.   An undertaking as mentioned as Annexure VII, shall be submitted by the bidders.

29. Force Majeure

(a) For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, and which makes a Party's performance or its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by government agencies.

(b) Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected to (A) take into account at the time of the conclusion of this Contract and (B) avoid or overcome in the carrying out of its obligations.

(c)　Force Majeure shall not include insufficiency of funds, insolvency of the OEM/Vendor.

30. Arbitration and Jurisdiction:

ICSIL and the Bidder will make every effort to resolve amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the work order. If any dispute will arise between the parties on aspects not covered by this agreement, or the construction or operation thereof, or the rights, duties or liabilities under these except as to any matters the decision of which is specially provided for by the general or the special conditions, such dispute will be referred to an Arbitrator who shall be the Managing Director, Intelligent Communication Systems India (ICSIL), and the award of the arbitration, as the case may be, will be final and binding on both the parties. The Arbitrator with the consent of parties may modify the time frame for making and publishing the award.

Such arbitration will be governed in all respects by the provision of the Indian Arbitration Act, 1996 or later and the Rules there under and any statutory modification or re-enactment, thereof. The arbitration proceedings will be held in New Delhi, India.

31. Place of Adjudication: The place of adjudication shall be New Delhi.

PART-I

TECHNICAL SPECIFICATIONS

Annexure-I

Entry Level Desktop

Item Code: TE/i3-2120/H61/1

		Compliance(Y/N)
Processor	Intel Core i3-2120 Processor (3.3 GHz, 3 MB cache Or Higher	
Motherboard	H61 Chipset	
Video	Integrated	
Network	Integrated	
Ports	(1) PCIe x1 slots, (1) PCIe x16 slot, (2) PCI slots	
HDD Controller	Integrated	
Sound Controller	Integrated	
Memory	4 GB DDR3 RAM 1066/1333 MHz dual channel expandable upto 8 GB	
Syorage	500GB 3.0 Gb/s SATA hard drive	
Optical Drive	22 X SATA DVD Writer	
Keyboard & Mouse	104+14 BUTN INT/MM PS/2	
Mouse	2 Button Optical USB mouse with scroll	
Monitor	18.5" Colour TFT/LED with TCO 05 certified and of same make as PC	
Power Management & DMI		
System Chassis	Micro ATX / Small Form Factor	
OS Support & Certification	Win 7 profession preloaded/Linux preloaded	
Antivirus	Preloaded with one year license	

Entry Level Desktop
Item Code: DTE/i3-2120/H67/2

		Compliance(Y/N)
Processor	Intel® Core™ i3-2120 Processor 3.30GHz, 3MB Cache) or Higher	
Chipset	Intel H67 Express chipset or Better	
Motherboard	OEM motherboard	
Memory	4 GB DDR-III 1066/1333 Mhz dual channel Expandable upto 16 GB	
Hard Disk Drive	500 GB SATA II 3.0Gbps with 4 SATA Ports	
Optical Drive	22 X SATA DVD Writer	
Graphics	Integrated Intel High Definition Graphics Memory	
Ethernet	Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support	
Slots	2 PCI slots & 1 PCI ExpressX16, 1 PCI ExpressX1	
Form Factor	Micro ATX / Small Form Factor	
Power Supply	250 W ATX Surge Protected Power Supply	
Monitor	18.5" Colour TFT/LED with TCO 05 certified and of same make as PC	
Keyboard	104+14 BUTN INT/MM PS/2	
Mouse	2 Button Optical USB mouse with scroll	
OS Support & Certification	Win 7 profession preloaded/Linux preloaded	
Antivirus	Preloaded with one year license	

Entry Level Desktop

Item Code: DTE/i3-2120/Q67/3

Processor	Intel core i3 2120 (3.3GHz, 3 MB Cache) or Higher	Compliance(Y/N)
Chipset	Intel Q67 Express chipset	
Motherboard	Intel Original motherboard	
Memory	4 GB DDR-III 1066/1333 Mhz dual channel Expandable upto 32 GB	
Hard Disk Drive	500 GB SATA III 6.0Gbps with 6 SATA Ports	
Optical Drive	22 X SATA DVD Writer	
Graphics	Integrated Intel High Definition Graphics Memory	
Ethernet	Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support	
Form Factor	Micro ATX / Small Form Factor	
Power Supply	250 W ATX Surge Protected Power Supply	
Monitor	18.5" Colour TFT/LED with TCO 05 certified and of same make as PC	
Keyboard	104+14 BUTN INT/MM PS/2	
Mouse	2 Button Optical USB mouse with scroll	
OS Support & Certification	Win 7 profession preloaded/Linux preloaded	
Antivirus	Preloaded with one year license	

Middle Level Desktop

Item Code: DTM/i5-2320/H61/4

		Compliance(Y/N)
Processor	Intel Core i5-2500 Processor (3.3 GHz, 6 MB) or Higher	
Motherboard	H61 Chipset	
Video	Integrated	
Network	Integrated	
Ports	(1) PCIe x1 slots, (1) PCIe x16 slot, (2) PCI slots	
HDD Controller	Integrated	
Sound Controller	Integrated	
Memory	4 GB DDR3 RAM 1066/1333 MHz dual channel expandable upto 8 GB	
Syorage	500GB 3.0 Gb/s SATA hard drive	
Optical Drive	22 X SATA DVD Writer	
Keyboard & Mouse	104+14 BUTN INT/MM PS/2	
Monitor	2 Button Optical USB mouse with scroll	
Power Management & DMI	18.5" Colour TFT/LED with TCO 05 certified and of same make as PC	
System Chassis	Micro ATX / Small form factor	
OS Support & Certification	Win 7 profession preloaded/Linux preloaded	
Antivirus	Preloaded with one year license	

Desktop Middle Level
Item Code: DTM/i5-2320/H67/5

			Compliance(Y/N)
1	**Processor**	Intel® Core™ i5-2320 Processor (3GHz, 6MB Cache) or Higher	
2	Chipset	Intel H67 Express chipset	
3	Motherboard	OEM motherboard	
4	Memory	4 GB DDR-III 1066/1333 Mhz dual channel Expandable upto 16 GB	
5	Hard Disk Drive	500 GB SATA II 3.0Gbps with 4 SATA Ports	
6	Optical Drive	22 X SATA DVD Writer	
7	Graphics	Integrated Intel High Definition Graphics Memory	
8	Ethernet	Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support	
9	Slots	2 PCI slots & 1 PCI ExpressX16, 1 PCI ExpressX1	
10	Power Supply	250 W ATX Surge Protected Power Supply	
11	Monitor	18.5" Colour TFT/LED with TCO 05 certified and of same make as PC	
12	Keyboard	104+14 BUTN INT/MM PS/2	
13	Mouse	2 Button Optical USB mouse with scroll	
14	OS Support & Certification	Win 7 profession preloaded/Linux preloaded	
15	Antivirus	Preloaded with one year license	

Desktop Middle Level

Item Code: DTM/i5-2320/Q67/6

		Compliance(Y/N)
Processor	Intel core i5 2320 (3.0GHz, 6 MB Cache) or Higher	
Chipset	Intel Q67 Express chipset	
Motherboard	Intel Original motherboard	
Memory	4 GB DDR-III 1066/1333 Mhz dual channel Expandable upto 32 GB	
Hard Disk Drive	500 GB SATA III 6.0Gbps with 6 SATA Ports	
Optical Drive	22 X SATA DVD Writer	
Graphics	Integrated Intel High Definition Graphics Memory	
Ethernet	Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support	
Slots	1 PCI slots & 1 PCI ExpressX16, 1 PCI ExpressX4 ,1 PCI ExpressX1	
Power Supply	250 W ATX Surge Protected Power Supply	
Monitor	18.5" Colour TFT/LED with TCO 05 certified and of same make as PC	
Keyboard	104+14 BUTN INT/MM PS/2	
Mouse	2 Button Optical USB mouse with scroll	
OS Support & Certification	Win 7 profession preloaded/Linux preloaded	
Antivirus	Preloaded with one year license	

High Level Desktop

Item Code: DTH/i7-2600/H61/7

Processor	Intel core i7 2600 (8M Cache, 3.4 GHz) or Higher	Compliance (Y/N)
Chipset	Intel H61 Express chipset	
Motherboard	OEM motherboard	
Memory	4 GB DDR-III 1066/1333 Mhz dual channel Expandable upto 8 GB	
Hard Disk Drive	500 GB SATA II 3.0Gbps with 4 SATA Ports	
Optical Drive	22 X SATA DVD Writer	
Graphics	Integrated Intel High Definition Graphics Memory	
Ethernet	Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support	
Slots	2 PCI slots & 1 PCI ExpressX16, 1 PCI ExpressX1	
Power Supply	250 W ATX Surge Protected Power Supply	
Monitor	18.5" Colour TFT/LED with TCO 05 certified and of same make as PC	
Keyboard	104+14 BUTN INT/MM PS/2 Black	
Mouse	2 Button Optical USB mouse with scroll	
OS Support & Certification	Win 7 profession preloaded/Linux preloaded	
Antivirus	Preloaded with one year license	

High Level Desktop
Item ode: DTH/i7-2600/H67/8

		Compliance (Y/N)
Processor	Intel® Core™ i7-2600 Processor (3.40GHz, 8MB Cache) or Higher	
Chipset	Intel H67 Express chipset	
Motherboard	OEM motherboard	
Memory	4 GB DDR-III 1066/1333 Mhz dual channel Expandable upto 16 GB	
Hard Disk Drive	500 GB SATA II 3.0Gbps with 4 SATA Ports	
Optical Drive	22 X SATA DVD Writer	
Graphics	Integrated Intel High Definition Graphics Memory	
Ethernet	Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support	
Slots	2 PCI slots & 1 PCI ExpressX16, 1 PCI ExpressX1	
Audio Port	Front : 1 Audio out Rear : 1 Line In, 1 Line Out, 1 MIC In,	
Power Supply	250 W ATX Surge Protected Power Supply	
Monitor	18.5" Colour TFT/LED with TCO 05 certified and of same make as PC	
Keyboard	104+14 BUTN INT/MM PS/2 Black	
Mouse	2 Button Optical USB mouse with scroll	
OS Support & Certification	Win 7 profession preloaded/Linux preloaded	
Antivirus	Preloaded with one year license	

ANNEXURE-II

LAPTOPS

Item Code: LT1/i3-2350M/HM65/9

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i3- 2350M (2.3 GHz, 3MB Cache)	
Memory	2 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Chipset	
HDD	320 GB 5400 SATA II HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	14.0" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT2/i5-2450M/HM65/10

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i5-2450M (2.5 GHz, 3MB Cache)	
Memory	2 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Chipset	
HDD	320 GB 5400 SATA II HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	14.0" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Weight	2.15Kg	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT3/i7-2620M/HM65/11

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i7-2620M (2.70 GHz, 4MB Cache)	
Memory	4 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Express Chipset	
HDD	500GB 5400 rpm SATAII HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	14.0" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Weight	Not more than 3.0 kg	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT4/i3-2350M/HM65/12

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i3- 2350M (2.3 GHz, 3MB Cache)	
Memory	4 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Chipset	
HDD	500 GB 5400 SATA II HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	15.5" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT5/i5-2450M/HM65/13

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i5-2450M (2.5 GHz, 3MB Cache)	
Memory	4 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Chipset	
HDD	500 GB 5400 SATA II HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	15.5" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Weight	Not more than 3.0 Kg	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT6/i7-2620M/HM65/14

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i7-2620M (2.70 GHz, 4MB Cache)	
Memory	4 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Express Chipset	
HDD	500GB 5400 rpm SATAII HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	15.5" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Weight	Not more than 3.0 kg	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT7/i3-2350M/HM65/15

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i3- 2350M (2.3 GHz, 3MB Cache)	
Memory	4 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Chipset	
HDD	500 GB 5400 SATA II HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	17" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT8/i5-2450M/HM65/16

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i5-2450M (2.5 GHz, 3MB Cache)	
Memory	4 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Chipset	
HDD	500 GB 5400 SATA II HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	17" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Weight	Not more than 3.0 Kg	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT9/i7-2620M/HM65/17

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i7-2620M (2.70 GHz, 4MB Cache)	
Memory	4 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Express Chipset	
HDD	500GB 5400 rpm SATAII HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	17" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Weight	Not more than 3.0 kg	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT10/i5-2450M/HM65/18

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i5-2450M (2.5 GHz, 3MB Cache) or higher	
Memory	4 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Chipset	
HDD	320 GB 7200 SATA II HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	13.3" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Weight	Not more than 2.4 Kg	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

LAPTOPS

Item Code: LT11/i7-2620M/HM65/19

Feature	Specification	Compliance (Y/N)
Processor	Processor 2nd generation Intel Core i7-2620M (2.70 GHz, 4MB Cache)	
Memory	4 GB RAM expandable to 8 GB	
Chipset	Intel HM65 Express Chipset	
HDD	320 GB 7200 rpm SATAII HDD or Higher	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	13.3" LED Backlight Display screen	
Communication	Integrated 10/100/1000 Mbps lan, 802.11 b/g/n wireless lan and Bluetooth v 3.0, 1.3 MP Webcam	
Weight	Not more than 2.4 kg	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

MINI LAPTOP

Item Code: MLT1/N2600/20

Feature	Specification	Compliance (Y/N)
Processor	N 2600 (1.6 Ghz, 1 MB)	
Memory	2 GB DDR3 (800 MHz)	
HDD	320 GB 5400 rpm or Higer	
Optical drives	DVD Writer	
Graphics	Intel® HD Graphics 3000	
Display size	10.1" (1024X600 Pixels) or better	
Communication	Integrated 10/100 Mbps lan, and Bluetooth v 2.1, 0.3 MP Webcam	
Weight	Not more than 2.0 kg	
Power	6 Cells 100-240V, 50/60Hz, Li-ion Battery with battery backup of 5 Hrs or more	
OS	Windows 7 Professional Preloaded	
Antivirus	Preloaded with one year license	

ANNEXURE-III

PRINTERS/SCANNER/BARCODE SCANNER

Specifications

Code. No.	Printer	Specifications	Complia nce (Y/N)
LJP-1	Laser Printer	Resolution (in dpi): Mono 600x600, Paper Size: A4, Print Speed in PPM (A4 Size): 14, Port: 1 USB, Memory (in MB): NA, Network Card 10/100: NA, Duplexing: NA	
LJP-2		Resolution (in dpi): Mono 600x600, Paper Size: A4,Print Speed in PPM (A4 Size): 32, Port: 1 USB, Memory (in MB):NA, Network Card 10/100: Yes, Duplexing:Yes	
LJP-3		Resolution (in dpi): Mono 600x600, Paper Size: A4,Print Speed in PPM (A4 Size):18,Port: 1 USB, Memory (in MB): NA, Network Card 10/100: NA, Duplexing: NA	
LJP-4		Resolution (in dpi): Mono 600x600,Paper Size: A4,Print Speed in PPM (A4 Size): 40,Port: 1 USB, Memory (in MB): NA, Network Card 10/100: Yes, Duplexing:Yes	
LJP-5		Resolution (in dpi): Mono 600x600, Paper Size: A4,Print Speed in PPM (A4 Size):26, Port: 1 USB, Memory (in MB): NA, Network Card 10/100: NA, Duplexing: Yes	
LJP-6		Resolution (in dpi): Mono 600x600, Paper Size: A4, Print Speed in PPM (A4 Size): 26, Port: 1 USB, Memory (in MB): NA, Network Card 10/100: Yes, Duplexing: Yes	
LJP-7		Resolution (in dpi): Mono 600x600, Paper Size: A4,Print Speed in PPM (A4 Size):20,Port: 1 USB, Memory (in MB): NA, Network Card 10/100: NA	
LJP-8		Resolution (in dpi): Mono 600x600,	

		Paper Size: A4,Print Speed in PPM (A4 Size): 20, Port: 1 USB, Memory (in MB): NA, Network Card 10/100: NA, Duplexing: Yes	
LJP-9		Resolution (in dpi): Mono 600x600, Paper Size: A4,Print Speed in PPM (A4 Size): 20, Port: 1 USB, Memory (in MB): NA, Network Card 10/100: Yes	
LJP-11		Resolution (in dpi): Mono 600x600, Paper Size: A4,Print Speed in PPM (A4 Size):30,Port: 1 USB, Memory (in MB): NA, Network Card 10/100: Yes, Duplexing: Yes	
LJP-12		Resolution (in dpi): Mono 600x600, Paper Size: A3, Print Speed in PPM (A4 Size):24, Port: 1 USB, Memory (in MB): NA, Network Card 10/100: Yes, Duplexing: Yes	
LJP-13		Resolution (in dpi): Mono 600x600, Paper Size: A3, Print Speed in PPM (A4 Size):40, Port: NA, Memory (in MB): NA, Network Card 10/100: Yes, Duplexing: Yes	
LJP-14		Resolution (in dpi): Colour 600x600, Paper Size: A4,Print Speed in PPM (A4 Size): 16 BW and 4 C, Port: 1 USB, Memory (in MB):8, Network Card 10/100: Yes, Duplexing: NA	
LJP-15		Resolution (in dpi): Colour 600x600,Paper Size: A4,Print Speed in PPM (A4 Size): 20BW and C, Port: 1 USB, Memory (in MB):16, Network Card 10/100: Yes, Duplexing: Yes	
LJP-16		Resolution (in dpi): Colour 600x600, Paper Size: A4,Print Speed in PPM (A4 Size): 8 BW and C, Port: 1 USB, Memory (in MB): NA, Network Card 10/100: NA, Duplexing: NA	

LJP-17		Resolution (in dpi): Colour 600x600, Paper Size: A4,Print Speed in PPM (A4 Size): 8BW and C, Port: 1 USB, Memory (in MB):NA, Network Card 10/100: Yes, Duplexing:NA	
LJP-18		Resolution (in dpi): Colour 600x600, Paper Size: A4, Print Speed in PPM (A4 Size): 30 BW and C, Port: 1 USB, Memory (in MB):16, Network Card 10/100: Yes, Duplexing: Yes	
LJP-19		Resolution (in dpi): Colour 600x600, Paper Size: A3, Print Speed in PPM (A4 Size): 20BW and C, Port: 1 P, Memory (in MB):96, Network Card 10/100: Yes, Duplexing: Yes	
IJP-1	Inkjet Printers	Resolution in dpi: 1200x600,Paper Size: A3,Print Speed in PPM (A4 size): 12 BW and 8 C,Port: 1 USB, Duplexing: NA	
IJP-2		Resolution in dpi: 4800x1200,Paper Size: A4,Print Speed in PPM (A4 size): 22 BW and 15 C,Port: 1 USB,Duplexing: NA	
IJP-3		Resolution in dpi: 4800x1200,Paper Size: A4,Print Speed in PPM (A4 size): 28 BW and 24 C, Port: 1 USB,Duplexing: Yes	
IJP-5		Resolution in dpi: 4800x1200,Paper Size: A4,Print Speed in PPM (A4 size): 20 BW and 14 C, Port: 1 USB, Duplexing: NA	
IJP-5		Resolution in dpi: 4800x1200,Paper Size: A4,Print Speed in PPM (A4 size): 20 BW and 14 C,Port: 1 USB,Duplexing: NA,Networking: Yes	
DMP-1	Dot Matrix	Pin: 9,Column: 80,CPS at 10 cpi:	

	Printers	250,Port:One parallel	
DMP-2		Pin: 9,Column: 136,CPS at 10 cpi: 300,Port:One parallel	
DMP-3		Pin: 9,Column: 136,CPS at 10 cpi: 475,Port:One parallel	
DMP-4		Pin: 24,Column: 80,CPS at 10 cpi: 300,Port:One parallel	
DMP-5		Pin: 24,Column: 80,CPS at 10 cpi: 300,Port:One parallel English and Devnagri script inbuilt	
DMP-6		Pin: 24,Column: 136,CPS at 10 cpi: 300,Port:One parallel English and Devnagri script inbuilt	
DMP-7		Pin: 24,Column: 136,CPS at 10 cpi: 500,Port:One parallel and one serial/USB	
LMP-1	Line Matrix Printers	Speed in LJPM: 500,Column: 132/136,Port:One parallel and one serial	
LMP-2		Speed in LJPM: 1000,Column: 132/136,Port: One parallel and one serial	
LMP-3		Speed in LJPM: 1500,Column: 132/136,Port:One parallel and one serial	
LMP-4		Speed in LJPM: 1800,Column: 132/136,Port:One parallel and one serial	
DSCAN-1	Document Scanner	Resolution in dpi: 1200x1200,Speed in PPM: NA,ADF Capacity: NA,Flat Bed Size: A4,Document Size: A4	
DSCAN-2		Resolution in dpi: 600x600,Speed in PPM:	

		8,ADF Capacity: 30,Flat Bed Size: A4,Document Size: Legal through ADF	
DSCAN-3		Resolution in dpi: 300,Speed in PPM: 20,ADF Capacity: 50,Flat Bed Size: NA,Document Size: Legal	
DSCAN-4		Resolution in dpi: 300,Speed in PPM: 30,ADF Capacity: 50,Flat Bed Size: Legal,Document Size: Legal	
DSCAN-5		Resolution in dpi: 300,Speed in PPM: 25,ADF Capacity: 50,Flat Bed Size: A4,Document Size: A4	
DSCAN-6		Resolution in dpi: 600,Speed in PPM: 30,ADF Capacity: 50,Flat Bed Size: NA,Document Size: Legal,Networking: Yes	
DSCAN-7		Resolution in dpi: 600,Speed in PPM: 60,ADF Capacity: 50,Flat Bed Size: A4,Document Size: Legal	
DSCAN-8		Resolution in dpi: 600,Speed in PPM: 15,ADF Capacity: 50,Flat Bed Size: A4,Document Size: NA,Networking: Yes	
DSCAN-9		Resolution in dpi: 2400x2400,Speed in PPM: NA,ADF Capacity: NA,Flat Bed Size: A4,Document Size: NA	
BCSCAN-1	Bar code Scanner	Type: Portable Data Terminal with Docking Station	
BCSCAN-2		Type: Hand Held with KB wedge Interface with Imager scan System	
BCSCAN-3		Type: Hand Held with KB wedge Interface with Laser scan System	
BCSCAN-4		Type: Hand Held with USB Interface with Imager scan system	

BCSCAN-5		Type: Hand Held with USB Interface with 2D Imager scan system	
BCSCAN-6		Type: Desktop,Speed (ips): 4 3534	
7	Multifunction Mono Printer		
MFP-MONO1		Print / Copy / Scan (A4, Mono upto 18 PPM, 8 MB Memory, 600 X 600 dpi, 8000 PPM Duty cycle, USB 2.0 and Flatbed Scanner	
MFP-MONO2		Print / Copy / Scan/Fax (A4, Mono upto 18 PPM, 64 MB Memory, 600 X 600 dpi, 8000 PPM Duty cycle, USB 2.0, Ethernet and Flatbed Scanner	
MFP-MONO3		Print / Copy / Scan/Fax (A4, Mono upto 18 PPM, 32 MB Memory, 1200 X 1200 dpi, 8000 PPM Duty cycle	
MFP-MONO4		Print / Copy / Scan/Fax (A4, Mono upto 26 PPM, 1200 X 1200 dpi, Memory 128 MB USB 2.0, Ethernet, 8000 PPM Duty cycle	
MFP-MONO5		Print / Copy / Scan (A4, Mono upto 27 PPM, 256 MB Memory, 600 X 600 dpi, 75000 PPM Duty cycle, USB 2.0 and Network Interface	
MFP-MONO6		Print / Copy / Scan (A4, Mono upto 35 PPM, 256 MB Memory, 600 X 600 dpi, 75000 PPM Duty cycle, USB 2.0 and Network Interface with Automatic Duplexer	
8	Multifunction Color Laser Printer		
MFP-COLOR 1		Print / Copy/Scan/Fax (A4, 12PPM in Mono, 8 PPM in Colour)	
MFP-COLOR 2		Print / Copy/Scan/Fax (A4, 12PPM in Mono, 8 PPM in Colour, 160 MB Memory with memory stick slot)	
MFP-COLOR		Print / Copy/Scan (A4, 20 PPM in Mono & Colour, 160 MB RAM	

3			
MFP-COLOR 4		Print / Copy/Scan/Fax (A4, 20 PPM in Mono & Colour, 160 MB RAM	
MFP-COLOR 5		Print / Copy/Scan/Fax with Auto Duplexer (A4, 20 PPM in Mono & Colour, 160 MB RAM with auto duplxer	
MFP-COLOR 6		Print / Copy/Scan (A4, 30 PPM) Duty Cycle 1,75,000, 600 X 600 DPI	
MFP-COLOR 7		Print / Copy/Scan/Fax (A4, 30 PPM) Duty Cycle 1,75,000, 600 X 600 DPI	
9	Fargo Printers		
FP – Mod 1	Printer	Single Side Printer module	
		Erase and rewrite eco-friendly features	
	Print Method	Direct to Card - Dye sublimation / Resin Thermal Transfer	
	Colors	Upto 16.7 million / 256 shades per pixel	
	Print Resolution	300 dpi (11.8 dots/mm)	
	Print Speed	At least 150 Cards per hour (YMCKO with transfer)	
		At least 100 Cards per hour (YMCKOK with transfer)	
	Print Area	Edge-to-edge on CR-80 Cards	
	Memory	32 MB RAM	
	Accepted ID Card Size	85.6mmL X 54mm W	
	Card Thickness	.009" - .040" / 9 mil - 40 mil/ .229mm - 1.016mm	
	Input Hopper Card Capacity	Minimum 100 Cards (.030" / .762mm)	
	Output Hopper Card Capacity	single Side Printer module	
	Print Head Life	One year	
	Connectivity	USB 2.0 Optional Ethernet with internal print server	
	Consumable	Ribbon Cartridge / Half Panel Ribbon	

FP – Mod 2	Printer		Single Side Printer	
	Print Technology		Modular Dye sublimation / Re-transfer & field upgradable to Dual Side printer, Dual Side Lamination & Smart Card Encoding (Contact / Contact less)	
	Colors		Upto 16.7 million / 256 shades per pixel	
	Print Resolution		300 dpi (11.8 dots/mm)	
	Print Speed		At least 90 Cards per hour (YMC with transfer)	
			At least 75 Cards per hour (YMCK with transfer)	
	Print Area		Over-the-edge on CR-80 Cards	
	Accepted ID Card Size		85.6mmL X 54mm W	
	Card Thickness		Print only : .030" (30mil) to .050" (50mil)/ .762mm to 1.27mm)	
			Print/ Lamination : .030" (30mil) to .050" (50mil)/ .762mm to 1.27mm)	
	Input Hopper Card Capacity		Minimum 100 Cards (.030" / .762mm)	
	Output Hopper Card Capacity		Minimum 200 Cards (.030" / .762mm)	
	Print Head Life		Lifetime	
	Software Drivers		Windows 2000 / XP / Server 2003 / Vista	
	Connectivity		USB and Ethernet (on board)	
FP – Mod 3	Printer		Dual Side Printer module	
			Erase and rewrite eco-friendly features	
	Print Method		Direct to Card - Dye sublimation / Resin Thermal Transfer	
	Colors		Upto 16.7 million / 256 shades per pixel	
	Print Resolution		300 dpi (11.8 dots/mm)	
	Print Speed		At least 150 Cards per hour (YMCKO with transfer)	
			At least 100 Cards per hour (YMCKOK with transfer)	
	Print Area		Edge-to-edge on CR-80 Cards	
	Memory		32 MB RAM	
	Accepted ID Card Size		85.6mmL X 54mm W	
	Card Thickness		.009" - .040" / 9 mil - 40 mil/ .229mm - 1.016mm	
	Input Hopper Card Capacity		Minimum 100 Cards (.030" / .762mm)	
	Output Hopper Card Capacity		Upto 30 Cards (.030" / .762mm)	
	Print Head Life		One year	
	Connectivity		USB 2.0 Optional Ethernet with internal print server	
	Consumable		Ribbon Cartridge / Half Panel Ribbon	

On-Line UPS SYSTEM

Sr. No.	Product description	Compliance Y/N
UPS-OL-1.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 10KVA, Indicative back up time 30 minutes.	
UPS-OL-2.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 10KVA, Indicative back up time 60 minutes.	
UPS-OL-3.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type Rating of UPS 10KVA, Indicative back up time 120 minutes.	
UPS-OL-4.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 15KVA, Indicative back up time 30 minutes.	
UPS-OL-5.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 15KVA, Indicative back up time 60 minutes.	
UPS-OL-6.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 15KVA, Indicative back up time 120 minutes.	
UPS-OL-7.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 20KVA, Indicative back up time30 minutes.	
UPS-OL-8.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 20KVA, Indicative back up time 60 minutes.	
UPS-OL-9.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 20KVA, Indicative back up time 120 minutes.	
UPS-OL-10.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 30KVA, Indicative back up time 30 minutes.	
UPS-OL-11.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 30KVA, Indicative back up time 60 minutes.	
UPS-OL-12.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 30KVA, Indicative back up time 120 minutes.	
UPS-OL-13.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 10KVA, Indicative back up time 30 minutes.	

UPS-OL-14.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output. Floor Mounted type. Rating of UPS 10KVA, Indicative back up time 60 minutes.	
UPS-OL-15.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 10KVA, Indicative back up time 120 minutes.	
UPS-OL-16.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 15KVA, Indicative back up time 30 minutes.	
UPS-OL-17.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 15KVA, Indicative back up time 60 minutes.	
UPS-OL-18.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 15KVA, Indicative back up time 120 minutes.	
UPS-OL-19.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 20KVA, Indicative back up time 30 minutes.	
UPS-OL-20.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 20KVA, Indicative back up time 60 minutes.	
UPS-OL-21.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 20KVA, Indicative back up time 120 minutes.	
UPS-OL-22.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 30KVA, Indicative back up time 30 minutes.	
UPS-OL-23.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 30KVA, Indicative back up time 60 minutes.	
UPS-OL-24.	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 30KVA, Indicative back up time 120 minutes.	
UPS-OL-25.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 1.0KVA, Indicative back up time 30 minutes.	
UPS-OL-26.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 1.0KVA, Indicative back up time 60 minutes.	
UPS-OL-27.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 1.0KVA, Indicative back up time 120 minutes.	
UPS-OL-28.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 2.0KVA, Indicative back up time 30 minutes.	

UPS-OL-29.	On-Line upS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 2.0KVA, Indicative back up time 60 minutes.	
UPS-OL-30.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 2.0KVA, Indicative back up time 120 minutes.	
UPS-OL-31.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 3.0KVA, Indicative back up time 30 minutes.	
UPS-OL-32.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 3.0KVA, Indicative back up time 60 minutes.	
UPS-OL-33.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 3.0KVA, Indicative back up time 120 minutes.	
UPS-OL-34.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 5.0KVA, Indicative back up time 30 minutes.	
UPS-OL-35.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 5.0KVA, Indicative back up time 60 minutes.	
UPS-OL-36.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 5.0KVA, Indicative back up time 120 minutes.	
UPS-OL-37.	On-Lme UPS with isolation transformer suitable for Three Phase AC Input and Three Phase AC Output, Floor Mounted type. Rating of UPS 6.0KVA, Indicative back up time 30 minutes.	
UPS-OL-38.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 6.0 KVA, Indicative back up time 60 minutes.	
UPS-OL-39.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 6.0KVA, Indicative back up time 120 minutes.	
UPS-OL-40.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 7.5KVA, Indicative back up time 30 minutes.	
UPS-OL-41.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 7.5KVA, Indicative back up time 60 minutes.	
UPS-OL-42.	On-Line UPS with isolation transformer suitable for Single Phstee AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 7.5KVA, Indicative back up time 120 minutes.	

UPS-OL-43.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 10KVA, Indicative back up time 30 minutes.	
UPS-OL-44.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 10KVA, Indicative back up time 60 minutes.	
UPS-OL-45.	On-Line UPS with isolation transformer suitable for Single Phase AC Input and Single Phase AC Output, Floor Mounted type. Rating of UPS 10KVA, Indicative back up time 120 minutes.	
UPS-OL-46.	On Line UPS Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 1.0 KVA, Indicative Back Up Time 30 minutes.	
UPS-OL-47.	On Line UPS. Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 1.0 KVA, Indicative Back Up Time 60 minutes.	
UPS-OL-48.	On Line UPS. Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 1.0 KVA, Indicative Back Up Time120 minutes.	
UPS-OL-49.	On Line UPS. Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 2.0 KVA, Indicative Back Up Time 30 minutes.	
UPS-OL-50.	On Line UPS. Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 2.0 KVA, Indicative Back Up Time 60 minutes.	
UPS-OL-51.	On Line UPS, Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 2.0 KVA, Indicative Back Up Time 120 minutes	
UPS-OL-52.	On Line UPS, Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 3.0 KVA, Indicative Back Up Time 30 minutes.	
UPS-OL-53.	On Line UPS. Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 3.0 KVA, Indicative Back Up Time 60 minutes.	
UPS-OL-54.	On Line UPS, Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 3.0 KVA, Indicative Back Up Time 120 minutes.	
UPS-OL-55.	On Line UPS. Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 5.0 KVA, Indicative Back Up Time 30 minutes.	
UPS-OL-56.	On Line UPS. Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 5.0 KVA, Indicative Back Up Time 60 minutes.	
UPS-OL-57.	On Line UPS, Solid State, Single Phase Input, Single Phase Output without Isolation Transformer. Rating of UPS : 5.0 KVA, Indicative Back Up Time 120 minutes.	

LINE –INTERACTIVE UPS

Sr. No.	Item Code	Specifications	Compliance Yes/No
1.	UPS-LI-1	Line Interactive UPS with Rated KVA 0.5, for Single Phase AC 160V to 280 V Input with 30 Min. battery backup on full load (0.6 PF).	
2.	UPS-LI-2	Line Interactive UPS with Rated KVA 0.5, for Single Phase AC 160V to 280 V Input with 60 Min. battery backup on full load (0.6 PF).	
3.	UPS-LI-3	Line Interactive UPS with Rated KVA 0.5, for Single Phase AC 160V to 280 V Input with 120 Min. battery backup on full load (0.6 PF).	
4.	UPS-LI-4	Line Interactive UPS with Rated KVA 0.65, for Single Phase AC 160V to 280 V Input with 30 Min. battery backup on full load (0.6 PF)	
5.	UPS-LI-5	Line Interactive UPS with Rated KVA 0.65, for Single Phase AC 160V to 280 V Input with 60 Min. battery backup on full load (0.6 PF)	
6.	UPS-LI-6	Line Interactive UPS with Rated KVA 0.65, for Single Phase AC 160V to 280 V Input with 120 Min. battery backup on full load (0.6 PF).	
7.	UPS-LI-7	Line Interactive UPS with Rated KVA 0.8, for Single Phase AC 160V to 280 V Input with 30 Min. battery backup on full load (0.6 PF).	
8.	UPS-LI-8	Line Interactive UPS with Rated KVA 0.8, for Single Phase AC 160V to 280 V Input with 60 Min. battery backup on full load (0.6 PF).	
9.	UPS-LI-9	Line Interactive UPS with Rated KVA 0.8, for Single Phase AC 160V to 280 V Input with 120 Min. battery backup on full load (0.6 PF)	
10.	UPS-LI-10	Line Interactive UPS with Rated KVA 1.0, for Single Phase AC 160V to 280 V Input with 30 Min. battery backup on full load (0.6 PF).	
11.	UPS-LI-11	Line Interactive UPS with Rated KVA 1.0, for Single Phase AC 160V to 280 V Input with 60 Min. battery backup on full load (0.6 PF).	
12.	UPS-LI-12	Line Interactive UPS with Rated KVA 1.0, for Single Phase AC 160V to 280 V Input with 120 Min. battery backup on full load (0.6 PF).	
13.	UPS-LI-13	Line Interactive UPS with Rated KVA 2.0, for Single Phase AC 160V to 280 V Input with 30 Min. battery backup on full load (0.6 PF).	
14.	UPS-LI-14	Line Interactive UPS with Rated KVA 2.0, for Single Phase AC 160V to 280 V Input with 60 Min. battery backup on full load (0.6 PF).	
15.	UPS-LI-15	Line Interactive UPS with Rated KVA 2.0, for Single Phase AC 160V to 280 V Input with 120 Min. battery backup on full load (0.6 PF).	

Annexure-V

TABLET – Model 1
ITEM CODE:TABMOD-01

Technical Specifications			Compliance (yes/No)
S.no.	**Feature**		
1	Processor	**Dualcore 1.0GHz**	
2	RAM	**1GB**	
3	Storage	**16GB moviNAND (ROM) + MicroSD Slot**	
4	Camera	**3MP FF + VGA VT**	
5	Video Recording	**Full HD Playback@30fps, HD @ 30fps**	
6	Wireless	**WiFi 802.11 b/g/n**	
7	Bluetooth	**Bluetooth 3.0**	
8	Display	**7.0"**	
9	Resolution	**1024x600**	
10	Screen	**WSVGA TFT**	
11	Network	**EDGE / GPRS 850/900/1800/1900 3G(HSPA + 21Mbps)**	
12	I/O Port	**3.5-mm stereo headphone mini-jack, built in stereo speaker**	
13	Interface	**USB 2.0**	
14	Operating system	**Android OS ICS**	
15	Dimensions (mm)	**193.7 X 122.4 X 10.5 mm**	
16	Weight	**345 gms**	
17	Battery	**4,000mAh, 8hrs**	
18	Warranty	**1 year comprehensive warranty**	
19	Antivirus	**compatible with Juniper Mobile Security Suite**	
20	Free Application	**Polaris office (Free) to create and edit all Microsoft Word documents (xls, doc, ppt)**	
21	Audio formats	**MP3. AAC, AMR, FLAC, MID, WMA, WVA, Vorbis**	
22	Video formats	**MPEG4, Divx, H.263, H.264, VP8**	
23	Others	**Voice call with receiver**	

Tablet Model 2
ITEM CODE:TABMOD-02

S.no.	Feature		Compliance (Yes/No)
1	**Display**	10.1" WXGA(1280x800) TFT	
2	**Processor**	1 GHz Dualcore Processor	
3	**Network**	HSPA+ 21Mbps 850/900/1900/2100	
4	**Memory**	16GB User memory +	
		1GB (RAM)microSD (up to 32GB)	
5	**Camera**	3MP FF + VGA VT	
6	**GPS**	A-GPS	
7	**Wireless Connectivity**	Wi-Fi 802.11 b/g/n	
		- WiFi Direct, BT v3.0, USB 2.0 Host	
8	**Dimension, Weight**	256.6 x 175.3 x 9.7 mm, 588g	
9	**Battery capacity**	7000 mAh	
10	**OS / Upgrade**	Android 4.0(Ice Cream Sandwich)	
11	**Messaging & SNS**	Messenger(ChatON)	
12	**PC Applications**	Samsung Kies, Kies Air	
13	**UI / Web Browser**	Android + Samsung / Android Browser	
14	**Audio**	MP3, AAC, WMA, FLAC, AMR, Vorbis, RA, QCELP, EVRC	
15	**Video**	MPEG4, H.264. H.263, WMV7, WMV8, VP8, RV	
16	**Other Services & Applications**	Readers/Game Hub	
		Touch Wiz/Android Ecosystem/Samsung Apps	

Item Code : IPAD model 1

IPAD-2, 16GB with wifi

Sr no	Parameter	Apple I-Pad 2,16 GB with wifi	Compliance (Yes/No)
1	Size and Weight[1]	Height: 9.50 inches (241.2 mm), Width: 7.31 inches (185.7 mm), Depth: 0.34 inch (8.8 mm),Weight: 1.33 pounds (601 g)	
2	Storage[2]	16 GB	
3	Display	9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology,1024-by-768-pixel resolution at 132 pixels per inch (ppi),Fingerprint-resistant oleophobic coating,Support for display of multiple languages and characters simultaneously	
4	Chip	Dual-core Apple A5 custom-designed, high-performance, low-power system-on-a-chip	
5	Wireless and Cellular	Wi-Fi (802.11a/b/g/n),Bluetooth 2.1 + EDR technology	
6	Cameras, Photos, and Video Recording	Back camera: Video recording, HD (720p) up to 30 frames per second with audio; still camera with 5x digital zoom,Front camera: Video recording, VGA up to 30 frames per second with audio; VGA-quality still camera, Tap to control exposure for video or stills,Photo and video geotagging over Wi-Fi	
7	Battery and Power[4]	Built-in 25-watt-hour rechargeable lithium-polymer battery,Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music,Charging via power adapter or USB to computer system.	
8	Input and Output	30-pin dock connector port, 3.5-mm stereo headphone jack,Built-in speaker,Microphone	
9	Sensors	Accelerometer, Ambient light sensor,Gyroscope	
10	Location	Wi-Fi,Digital compass	
11	Audio playback	Frequency response: 20Hz to 20,000Hz, Audio formats supported: HE-AAC (V1 and V2), AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, and 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV,User-configurable maximum volume	

		limit,Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately)	
12	TV and Video	AirPlay Mirroring to Apple TV support at 720p, Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (adapters sold separately),Video out support at 576p and 480p with Apple Component AV Cable; 576i and 480i with Apple Composite AV Cable (cables sold separately),Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format.	
13	Mail Attachment Support	Viewable document types: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)	
14	Languages	As applicable	
15	Accessibility	VoiceOver screen reader,Support for playback of closed-captioned content,AssistiveTouch interface for adaptive accessories,Full-screen zoom magnification,Large fonts,White on black display,Left/right volume adjustment.	
16	Environmental Requirements	Operating temperature: 32° to 95° F (0° to 35° C), Nonoperating temperature: -4° to 113° F (-20° to 45° C),Relative humidity: 5% to 95% noncondensing,Maximum operating altitude: 10,000 feet (3000 m).	
17	System Requirements	Apple ID (required for some features),Internet access5, Syncing with iTunes on a Mac or PC requires: ,Mac: OS X v10.5.8 or later,PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later.	

IPAD-2, 16GB with wifi + 3G

Sr no	Parameter	Apple I-Pad 2,16 GB with wifi + 3G	Compliance (Yes/No)
1	Size and Weight[1]	Height: 9.50 inches (241.2 mm),Width: 7.31 inches (185.7 mm),Depth: 0.34 inch (8.8 mm),Weight: 1.35 pounds (613 g) (Wi-Fi + 3G model), Weight: 1.34 pounds (607 g) (Wi-Fi + 3G for Verizon model)	
2	Storage[2]	16 GB	
3	Display	9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology,1024-by-768-pixel resolution at 132 pixels per inch (ppi),Fingerprint-resistant oleophobic coating,Support for display of multiple languages and characters simultaneously	
4	Chip	Dual-core Apple A5 custom-designed, high-performance, low-power system-on-a-chip	
5	Wireless and Cellular	Wi-Fi (802.11a/b/g/n),Bluetooth 2.1 + EDR technology, Wi-Fi + 3G model: UMTS/HSDPA/HSUPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz),Wi-Fi + 3G for Verizon model: CDMA EV-DO Rev. A (800, 1900 MHz),Data only3	
6	Cameras, Photos, and Video Recording	Back camera: Video recording, HD (720p) up to 30 frames per second with audio; still camera with 5x digital zoom,Front camera: Video recording, VGA up to 30 frames per second with audio; VGA-quality still camera, Tap to control exposure for video or stills,Photo and video geotagging over Wi-Fi	
7	Battery and Power[4]	Built-in 25-watt-hour rechargeable lithium-polymer battery,Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music, Up to 9 hours of surfing the web using cellular data network,Charging via power adapter or USB to computer system	
8	Input and Output	30-pin dock connector port, 3.5-mm stereo headphone minijack,Built-in speaker,Microphone,Micro-SIM card tray (Wi-Fi + 3G model)	
9	Sensors	Accelerometer, Ambient light sensor,Gyroscope	
10	Location	Wi-Fi,Digital compass, Assisted GPS,Cellular	

11	Audio playback	Frequency response: 20Hz to 20,000Hz, Audio formats supported: HE-AAC (V1 and V2), AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, and 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV,User-configurable maximum volume limit,Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately)	
12	TV and Video	AirPlay Mirroring to Apple TV support at 720p, Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (adapters sold separately),Video out support at 576p and 480p with Apple Component AV Cable; 576i and 480i with Apple Composite AV Cable (cables sold separately),Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format.	
13	Mail Attachment Support	Viewable document types: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)	
14	Languages	Language as applicable	
15	Accessibility	VoiceOver screen reader,Support for playback of closed-captioned content,AssistiveTouch interface for adaptive accessories,Full-screen zoom magnification,Large fonts,White on black display,Left/right volume adjustment.	
16	Environmental Requirements	Operating temperature: 32° to 95° F (0° to 35° C), Nonoperating temperature: -4° to 113° F (-20° to 45° C),Relative humidity: 5% to 95% noncondensing,Maximum operating altitude: 10,000 feet (3000 m).	
17	System Requirements	Apple ID (required for some features),Internet access5, Syncing with iTunes on a Mac or PC requires: ,Mac: OS X v10.5.8 or later,PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later.	

I-Pad-3, 16GB with wifi

Sr No	Parameter	Apple I-Pad 3,16 GB with wifi	Compliance (Yes/No)
1	Size and Weight[1]	Height: 9.50 inches (241.2 mm),Width: 7.31 inches (185.7 mm),Depth: 0.37 inch (9.4 mm),Weight: 1.44 pounds (652 g)	
2	Storage[2]	16	
3	Display	Retina display,9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology,2048-by-1536-pixel resolution at 264 pixels per inch (ppi),Fingerprint-resistant oleophobic coating, Support for display of multiple languages and characters simultaneously.	
4	Chip	Dual-core Apple A5X custom-designed, high-performance, low-power system-on-a-chip with quad-core graphics	
5	Wireless and Cellular	Wi-Fi (802.11a/b/g/n),Bluetooth 4.0 technology	
6	Cameras, Photos, and Video Recording	5-megapixel iSight camera,Autofocus,Tap to focus, Face detection in still images,Video recording, HD (1080p) up to 30 frames per second with audio,Video stabilization,FaceTime camera with VGA-quality photos and video at up to 30 frames per second,Photo and video geotagging.	

7	Battery and Power[4]	Built-in 42.5-watt-hour rechargeable lithium-polymer battery,Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music, Charging via power adapter or USB to computer system.	
8	Input and Output	30-pin dock connector port, 3.5-mm stereo headphone minijack,Built-in speaker,Microphone	
9	Sensors	Accelerometer, Ambient light sensor,Gyroscope	
10	Location	Wi-Fi,Digital compass	
11	Audio playback	Frequency response: 20Hz to 20,000Hz, Audio formats supported: HE-AAC (V1 and V2), AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, and 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV,User-configurable maximum volume limit,Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately).	

12	TV and Video	AirPlay Mirroring to Apple TV (2nd and 3rd generation) at 720p,AirPlay video streaming to Apple TV (3rd generation) at up to 1080p and Apple TV (2nd generation) at up to 720p,Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (adapters sold separately),Video out support at 576i and 480i with Apple Composite AV Cable (cable sold separately), Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format.
13	Mail Attachment Support	Viewable document types: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)
14	Languages	Language as applicable

15	Accessibility	VoiceOver screen reader, Support for playback of closed-captioned content,AssistiveTouch interface for adaptive accessories,Full-screen zoom magnification, Large fonts,White on black display,Left/right volume adjustment/.
16	Environmental Requirements	Operating temperature: 32° to 95° F (0° to 35° C), Nonoperating temperature: -4° to 113° F (-20° to 45° C),Relative humidity: 5% to 95% noncondensing, Maximum operating altitude: 10,000 feet (3000 m).
17	System Requirements	Apple ID (required for some features), Internet access6,Syncing with iTunes on a Mac or PC requires: , Mac: OS X v10.5.8 or later, PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later

IPAD model 4

IPAD-3 wifi 32GB

Sr No	Parameter	Apple I-Pad 3,32 GB with wifi	Compliance (Yes/No)
1	Size and Weight[1]	Height: 9.50 inches (241.2 mm),Width: 7.31 inches (185.7 mm),Depth: 0.37 inch (9.4 mm),Weight: 1.44 pounds (652 g)	
2	Storage[2]	32	
3	Display	Retina display,9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology,2048-by-1536-pixel resolution at 264 pixels per inch (ppi),Fingerprint-resistant oleophobic coating, Support for display of multiple languages and characters simultaneously.	
4	Chip	Dual-core Apple A5X custom-designed, high-performance, low-power system-on-a-chip with quad-core graphics	
5	Wireless and Cellular	Wi-Fi (802.11a/b/g/n),Bluetooth 4.0 technology	
6	Cameras, Photos, and Video Recording	5-megapixel iSight camera,Autofocus,Tap to focus, Face detection in still images,Video recording, HD (1080p) up to 30 frames per second with audio,Video stabilization,FaceTime camera with VGA-quality photos and video at up to 30 frames per second,Photo and video geotagging.	
7	Battery and Power[4]	Built-in 42.5-watt-hour rechargeable lithium-polymer battery,Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music, Charging via power adapter or USB to computer system.	

IPAD model 4

IPAD-3 wifi 32GB

Sr No	Parameter	Apple I-Pad 3,32 GB with wifi	Compliance (Yes/No)
1	Size and Weight[1]	Height: 9.50 inches (241.2 mm),Width: 7.31 inches (185.7 mm),Depth: 0.37 inch (9.4 mm),Weight: 1.44 pounds (652 g)	
2	Storage[2]	32	
3	Display	Retina display,9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology,2048-by-1536-pixel resolution at 264 pixels per inch (ppi),Fingerprint-resistant oleophobic coating, Support for display of multiple languages and characters simultaneously.	
4	Chip	Dual-core Apple A5X custom-designed, high-performance, low-power system-on-a-chip with quad-core graphics	
5	Wireless and Cellular	Wi-Fi (802.11a/b/g/n),Bluetooth 4.0 technology	
6	Cameras, Photos, and Video Recording	5-megapixel iSight camera,Autofocus,Tap to focus, Face detection in still images,Video recording, HD (1080p) up to 30 frames per second with audio,Video stabilization,FaceTime camera with VGA-quality photos and video at up to 30 frames per second,Photo and video geotagging.	
7	Battery and Power[4]	Built-in 42.5-watt-hour rechargeable lithium-polymer battery,Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music, Charging via power adapter or USB to computer system.	

8	Input and Output	30-pin dock connector port, 3.5-mm stereo headphone minijack,Built-in speaker,Microphone	
9	Sensors	Accelerometer, Ambient light sensor,Gyroscope	
10	Location	Wi-Fi,Digital compass	
11	Audio playback	Frequency response: 20Hz to 20,000Hz, Audio formats supported: HE-AAC (V1 and V2), AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, and 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV,User-configurable maximum volume limit,Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately).	
12	TV and Video	AirPlay Mirroring to Apple TV (2nd and 3rd generation) at 720p,AirPlay video streaming to Apple TV (3rd generation) at up to 1080p and Apple TV (2nd generation) at up to 720p,Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (adapters sold separately),Video out support at 576i and 480i with Apple Composite AV Cable (cable sold separately), Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format.	

13	Mail Attachment Support	Viewable document types: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)
14	Languages	As applicable
15	Accessibility	VoiceOver screen reader, Support for playback of closed-captioned content,AssistiveTouch interface for adaptive accessories,Full-screen zoom magnification, Large fonts,White on black display,Left/right volume adjustment/.
16	Environmental Requirements	Operating temperature: 32° to 95° F (0° to 35° C), Nonoperating temperature: -4° to 113° F (-20° to 45° C),Relative humidity: 5% to 95% noncondensing, Maximum operating altitude: 10,000 feet (3000 m).
17	System Requirements	Apple ID (required for some features), Internet access6,Syncing with iTunes on a Mac or PC requires: , Mac: OS X v10.5.8 or later, PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later

IPAD-3, 64GB with wifi

Sr No	Parameter	Apple I-Pad 3,64GB with wifi	Compliance (Yes/No)
1	Size and Weight[1]	Height: 9.50 inches (241.2 mm),Width: 7.31 inches (185.7 mm),Depth: 0.37 inch (9.4 mm),Weight: 1.44 pounds (652 g)	
2	Storage[2]	64	
3	Display	Retina display,9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology,2048-by-1536-pixel resolution at 264 pixels per inch (ppi),Fingerprint-resistant oleophobic coating, Support for display of multiple languages and characters simultaneously.	
4	Chip	Dual-core Apple A5X custom-designed, high-performance, low-power system-on-a-chip with quad-core graphics	
5	Wireless and Cellular	Wi-Fi (802.11a/b/g/n),Bluetooth 4.0 technology	
6	Cameras, Photos, and Video Recording	5-megapixel iSight camera,Autofocus,Tap to focus, Face detection in still images,Video recording, HD (1080p) up to 30 frames per second with audio,Video stabilization,FaceTime camera with VGA-quality photos and video at up to 30 frames per second,Photo and video geotagging.	

7	Battery and Power[4]	Built-in 42.5-watt-hour rechargeable lithium-polymer battery,Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music, Charging via power adapter or USB to computer system.	
8	Input and Output	30-pin dock connector port, 3.5-mm stereo headphone minijack,Built-in speaker,Microphone	
9	Sensors	Accelerometer, Ambient light sensor,Gyroscope	
10	Location	Wi-Fi,Digital compass	
11	Audio playback	Frequency response: 20Hz to 20,000Hz, Audio formats supported: HE-AAC (V1 and V2), AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, and 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV,User-configurable maximum volume limit,Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately).	

| 12 | TV and Video | AirPlay Mirroring to Apple TV (2nd and 3rd generation) at 720p,AirPlay video streaming to Apple TV (3rd generation) at up to 1080p and Apple TV (2nd generation) at up to 720p,Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (adapters sold separately),Video out support at 576i and 480i with Apple Composite AV Cable (cable sold separately),   Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format. | |
| 13 | Mail Attachment Support | Viewable document types: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf | |

		(contact information); .xls and .xlsx (Microsoft Excel)
14	Languages	As applicable
15	Accessibility	VoiceOver screen reader, Support for playback of closed-captioned content,AssistiveTouch interface for adaptive accessories,Full-screen zoom magnification, Large fonts,White on black display,Left/right volume adjustment/.
16	Environmental Requirements	Operating temperature: 32° to 95° F (0° to 35° C), Nonoperating temperature: –4° to 113° F (–20° to 45° C),Relative humidity: 5% to 95% noncondensing, Maximum operating altitude: 10,000 feet (3000 m).
17	System Requirements	Apple ID (required for some features), Internet access6,Syncing with iTunes on a Mac or PC requires: , Mac: OS X v10.5.8 or later, PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later

IPAD-3, 16GB with wifi + Cellular

Sr No	Parameter	Apple I-Pad 3,16 GB with wifi+cellular	Compliance (Yes/No)
1	Size and Weight[1]	Height: 9.50 inches (241.2 mm),Width: 7.31 inches (185.7 mm),Depth: 0.37 inch (9.4 mm),Weight: 1.46 pounds (662 g).	
2	Storage[2]	16	
3	Display	Retina display,9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology,2048-by-1536-pixel resolution at 264 pixels per inch (ppi),Fingerprint-resistant oleophobic coating, Support for display of multiple languages and characters simultaneously.	
4	Chip	Dual-core Apple A5X custom-designed, high-performance, low-power system-on-a-chip with quad-core graphics	
5	Wireless and Cellular	Wi-Fi (802.11a/b/g/n),Bluetooth 4.0 technology, Model for AT&T: 4G LTE (700, 2100 MHz)3; UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz),Model for Verizon: 4G LTE (700 MHz)3; CDMA EV-DO Rev. A (800, 1900 MHz); UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz),Data only4.	
6	Cameras, Photos, and Video Recording	5-megapixel iSight camera,Autofocus,Tap to focus, Face detection in still images,Video recording, HD (1080p) up to 30 frames per second with audio,Video stabilization,FaceTime camera with VGA-quality photos and video at up to 30 frames per second,Photo and video geotagging.	
7	Battery and Power[4]	Built-in 42.5-watt-hour rechargeable lithium-polymer battery,Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music,Up to 9 hours of surfing the web using cellular data network,Charging via power adapter or USB to computer system.	
8	Input and Output	30-pin dock connector port, 3.5-mm stereo headphone minijack,3.5-mm stereo headphone minijack,Built-in speaker,Microphone.	

9	Sensors	Accelerometer, Ambient light sensor,Gyroscope
10	Location	Wi-Fi,Assisted GPS and GLONASS,Cellular
11	Audio playback	Frequency response: 20Hz to 20,000Hz, Audio formats supported: HE-AAC (V1 and V2), AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, and 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV,User-configurable maximum volume limit,Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately).
12	TV and Video	AirPlay Mirroring to Apple TV (2nd and 3rd generation) at 720p,AirPlay video streaming to Apple TV (3rd generation) at up to 1080p and Apple TV (2nd generation) at up to 720p,Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (adapters sold separately),Video out support at 576i and 480i with Apple Composite AV Cable (cable sold separately), Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format.
13	Mail Attachment Support	Viewable document types: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)
14	Languages	Language as applicable
15	Accessibility	VoiceOver screen reader, Support for playback of closed-captioned content,AssistiveTouch interface for adaptive accessories,Full-screen zoom magnification, Large fonts,White on black

		display,Left/right volume adjustment/.	
16	Environmental Requirements	Operating temperature: 32° to 95° F (0° to 35° C), Nonoperating temperature: -4° to 113° F (-20° to 45° C),Relative humidity: 5% to 95% noncondensing, Maximum operating altitude: 10,000 feet (3000 m).	
17	System Requirements	Apple ID (required for some features), Internet access6,Syncing with iTunes on a Mac or PC requires: , Mac: OS X v10.5.8 or later, PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later	

Sr No	Parameter	Apple I-Pad 3,32 GB with wifi+cellular	Compliance (Yes/No)
	IPad-3, 32GB with wifi+cellular		
1	Size and Weight[1]	Height: 9.50 inches (241.2 mm),Width: 7.31 inches (185.7 mm),Depth: 0.37 inch (9.4 mm),Weight: 1.46 pounds (662 g).	
2	Storage[2]	32	
3	Display	Retina display,9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology,2048-by-1536-pixel resolution at 264 pixels per inch (ppi),Fingerprint-resistant oleophobic coating, Support for display of multiple languages and characters simultaneously.	
4	Chip	Dual-core Apple A5X custom-designed, high-performance, low-power system-on-a-chip with quad-core graphics	
5	Wireless and Cellular	Wi-Fi (802.11a/b/g/n),Bluetooth 4.0 technology, Model for AT&T: 4G LTE (700, 2100 MHz)3; UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz),Model for Verizon: 4G LTE (700 MHz)3; CDMA EV-DO Rev. A (800, 1900 MHz); UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz),Data only4.	
6	Cameras, Photos, and Video Recording	5-megapixel iSight camera,Autofocus,Tap to focus, Face detection in still images,Video recording, HD (1080p) up to 30 frames per second with audio,Video stabilization,FaceTime camera with VGA-quality photos and video at up to 30 frames per second,Photo and video geotagging.	
7	Battery and Power[4]	Built-in 42.5-watt-hour rechargeable lithium-polymer battery,Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music,Up to 9 hours of surfing the web using cellular data network,Charging via power adapter or USB to computer system.	
8	Input and Output	30-pin dock connector port, 3.5-mm stereo headphone minijack,3.5-mm stereo headphone minijack,Built-in	

		speaker,Microphone.
9	Sensors	Accelerometer, Ambient light sensor,Gyroscope
10	Location	Wi-Fi,Assisted GPS and GLONASS,Cellular
11	Audio playback	Frequency response: 20Hz to 20,000Hz, Audio formats supported: HE-AAC (V1 and V2), AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, and 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV,User-configurable maximum volume limit,Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately).
12	TV and Video	AirPlay Mirroring to Apple TV (2nd and 3rd generation) at 720p,AirPlay video streaming to Apple TV (3rd generation) at up to 1080p and Apple TV (2nd generation) at up to 720p,Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (adapters sold separately),Video out support at 576i and 480i with Apple Composite AV Cable (cable sold separately), Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format.
13	Mail Attachment Support	Viewable document types: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)
14	Languages	Language as applicable

15	Accessibility	VoiceOver screen reader, Support for playback of closed-captioned content,AssistiveTouch interface for adaptive accessories,Full-screen zoom magnification, Large fonts,White on black display,Left/right volume adjustment/.	
16	Environmental Requirements	Operating temperature: 32° to 95° F (0° to 35° C), Nonoperating temperature: -4° to 113° F (-20° to 45° C),Relative humidity: 5% to 95% noncondensing, Maximum operating altitude: 10,000 feet (3000 m).	
17	System Requirements	Apple ID (required for some features), Internet access6,Syncing with iTunes on a Mac or PC requires: , Mac: OS X v10.5.8 or later, PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later	

IPad-3, 64GB with wifi+cellular

Sr No	Parameter	Apple I-Pad 3,64 GB with wifi+cellular	Compliance (Yes/No)
1	Size and Weight[1]	Height: 9.50 inches (241.2 mm),Width: 7.31 inches (185.7 mm),Depth: 0.37 inch (9.4 mm),Weight: 1.46 pounds (662 g).	
2	Storage[2]	64	
3	Display	Retina display,9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology,2048-by-1536-pixel resolution at 264 pixels per inch (ppi),Fingerprint-resistant oleophobic coating, Support for display of multiple languages and characters simultaneously.	
4	Chip	Dual-core Apple A5X custom-designed, high-performance, low-power system-on-a-chip with quad-core graphics	
5	Wireless and Cellular	Wi-Fi (802.11a/b/g/n),Bluetooth 4.0 technology, Model for AT&T: 4G LTE (700, 2100 MHz)3; UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz),Model for Verizon: 4G LTE (700 MHz)3; CDMA EV-DO Rev. A (800, 1900 MHz); UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz),Data only4.	
6	Cameras, Photos, and Video Recording	5-megapixel iSight camera,Autofocus,Tap to focus, Face detection in still images,Video recording, HD (1080p) up to 30 frames per second with audio,Video stabilization,FaceTime camera with VGA-quality photos and video at up to 30 frames per second,Photo and video geotagging.	

7	Battery and Power[4]	Built-in 42.5-watt-hour rechargeable lithium-polymer battery,Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music,Up to 9 hours of surfing the web using cellular data network,Charging via power adapter or USB to computer system.
8	Input and Output	30-pin dock connector port, 3.5-mm stereo headphone minijack,3.5-mm stereo headphone minijack,Built-in speaker,Microphone.
9	Sensors	Accelerometer, Ambient light sensor,Gyroscope
10	Location	Wi-Fi,Assisted GPS and GLONASS,Cellular
11	Audio playback	Frequency response: 20Hz to 20,000Hz, Audio formats supported: HE-AAC (V1 and V2), AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, and 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV,User-configurable maximum volume limit,Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately).
12	TV and Video	AirPlay Mirroring to Apple TV (2nd and 3rd generation) at 720p,AirPlay video streaming to Apple TV (3rd generation) at up to 1080p and Apple TV (2nd generation) at up to 720p,Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (adapters sold separately),Video out support at 576i and 480i with Apple Composite AV Cable (cable sold separately), Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640 by 480

		pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format.	
13	Mail Attachment Support	Viewable document types: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)	
14	Languages	As applicable	
15	Accessibility	VoiceOver screen reader, Support for playback of closed-captioned content,AssistiveTouch interface for adaptive accessories,Full-screen zoom magnification, Large fonts,White on black display,Left/right volume adjustment/.	
16	Environmental Requirements	Operating temperature: 32° to 95° F (0° to 35° C), Nonoperating temperature: -4° to 113° F (-20° to 45° C),Relative humidity: 5% to 95% noncondensing, Maximum operating altitude: 10,000 feet (3000 m).	
17	System Requirements	Apple ID (required for some features), Internet access6,Syncing with iTunes on a Mac or PC requires: , Mac: OS X v10.5.8 or later, PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later	

Optional (Additional) Items

Sl. No.	Description of additional items	Make & specifications	Whether OEM or Not (Yes/No)
		(1)	(2)
1	320GB SATA HDD 5400 RPM		
2	500 GB SATA-II HDD 7200 rpm		
3	2 GB DDR3 memory		
4	4 GB DDR3 memory		
5	15" or higher TFT Monitor with 12 ms or better response time, TCO 03 certified		
6	17" or higher TFT LCD Monitor with 5 ms or better response time, TCO 03 certified with inbuilt speakers		
7	19" or higher TFT LCD Monitor with 5 ms or better response time, TCO 05 certified with inbuilt speakers & minimum 1.3MP webcam		
8	19" or higher TFT LCD Monitor with 5 ms or better response time, TCO 05 certified with inbuilt speakers		
9	21" TFT LCD Monitor with 8 ms or better response time, TCO 03 certified with inbuilt speakers		
10	PCI Express x16 Graphics Accelerator Card (minimum 128 bit, 512 MB Onboard Video memory and 12.8 GBps memory bandwidth)		
11	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	16x DVD ROM Drive		
13	Internal 16x or higher Slim DVD ROM Drive		
14	Internal Slim DVD Writer		
15	OEM Optical USB Scroll Mouse with Mouse pad		
16	104 Keys OEM Keyboard		
17	wireless Keyboard & wireless optical scroll mouse with pad		
18	Microsoft wireless Keyboard & Microsoft Wireless Optical Scroll Mouse with Pad		
19	104 Keys Bilingual Keyboard with engraved keys		
20	104 Keys Cherry (Mechanical) Keyboard		
21	10/100/1000 Mbps Desktop Ethernet card		
22	External Stereo Speakers 2x3 (RMS) with		

	Stereo Microphone & Headphone		
23	External Stereo Microphone with Stereo Headphone		
24	Single user Norton Anti Virus S/W (Latest Version) for Windows OS with free upgrade license (Viruses definition & engine files) valid for one year		
25	OEM Pack Windows 7 Professional Edition (Down gradable to XP) with OEM Pack optical Media		
26	OEM Pack Windows 7 Home with OEM Pack optical Media		
27	OEM Pack Windows 7 Ultimate Edition with OEM Pack optical Media		
28	Latest version of Linux OS (RHEL) with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media		
29	Latest version of Linux OS (Suse) with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media		
30	Latest version of Linux Enterprise (RHEL) WS Edition OS with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media		
31	Latest version of Linux Enterprise (Suse) WS Edition OS with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media		
32	External USB Dual Layer DVD Writer (DVD +R/+RW & CD+R/+RW)		
33	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)		
34	Blue Ray DVD Writer having minimum 4MB buffer, minimum 4x Speed for BD –R/ +R, USB interface with all necessary accessories &softwares (Driver & writing)		
35	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		
36	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		
37	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		
38	Wi Fi Compatible 108Mbps or higher Wireless I/F Card		
39	Bluetooth USB Adapter		

40	108 Mbps Wi Fi Compatible USB dongle		
41	TV Tuner Card with 30 fps Compatible with Windows		
42	Four Port USB Splitter		
43	Two port video splitter with required accessories & cables.		
44	PCI Base Parallel interface card		
45	Web Camera : VGA sensor (640 x480 pixel) resolution at up to 30 fps, built in microphone , still image up to 1.3 MP		
46	16GB Pen Drive		
47	32 GB Pen Drive		
48	250GB USB Pocket Drive		
49	500GB USB Pocket Drive		
50	1TB USB Drive		
51	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.		
52	Data Backup and Recovery Software Single Client license with following Specifications ➢ 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		

PART-II
COMMERCIAL BID

Annexure-I

Rates should be quoted as per specifications given in PART-I i.e. the Technical Specifications

S. No	Item Code as defined in the Tender	Total cost including all taxes etc. (In Rs.)	Rate for Windows-7 Professional (Pre-loaded)	Total cost with three years comprehensive warranty Column 5=(3+4) +3 yrs warranty	Total cost with five years comprehensive warranty Column 6=(3+4) +5 yrs warranty	Rate for Linux (Pre-loaded)	Total cost with three years comprehensive warranty Column 8=(3+7) +3 yrs warranty	Total cost with five years comprehensive warranty Column 9=(3+7) +5 yrs warranty
1	2	3	4	5	6	7	8	9
Entry Level Desktop 1	**DTE/i3-2120/H61/1**							
Entry Level Desktop 2	**DTE/i3-2120/H67/2**							
Entry Level Desktop 3	**DTE/i3-2120/Q67/3**							
Middle Level Desktop 1	**DTM/i5-2320/H61/4**							
Middle Level Desktop 2	**DTM/i5-2320/H67/5**							
Middle Level Desktop 3	**DTM/i5-2320/Q67/6**							
High End Deskt	**DTH/i7-2600/H6**							

op 1	**1/7**							
High End Deskt op 2	**DTH/i7-2600/H6 7/8**							

Commercial Bid- Laptop
Quote rates as per specification mentioned in annexure- II

Sr. No.	Item Code as given in the Tender	Total cost including all taxes and with three years comprehensive warranty	Total cost including all taxes and with five years comprehensive warranty
1	2	3	4
Laptop 1	LT1/i3-2350M/HM65/9		
Laptop 2	LT2/i5-2450M/HM65/10		
Laptop 3	LT3/i7-2620M/HM65/11		
Laptop 4	LT4/i3-2350M/HM65/12		
Laptop 5	LT5/i5-2450M/HM65/13		
Laptop 6	LT6/i7-2620M/HM65/14		
Laptop 7	LT7/i3-2350M/HM65/15		
Laptop 8	LT8/i5-2450M/HM65/16		
Laptop 9	LT9/i7-2620M/HM65/17		
Laptop 10	LT10/i5-2450M/HM65/18		
Laptop 11	LT11/i7-2620M/HM65/19		
Mini Laptop 1	MLT1/N2600/20		

Commercial Bid- Printers

Quote rates as per specification in serial number mentioned in annexure- III

Sr. No.	Item Code as given in the Tender	Total cost including all taxes and with three years comprehensive warranty	Total cost including all taxes and with five years comprehensive warranty
1	2	3	4
1	LJP -1		
2	LJP-2		
3	LJP-3		
4	LJP-4		
5	LJP-5		
6	LJP-6		
7	LJP-7		
8	LJP-8		
9	LJP-9		
10	LJP-10		
11	LJP-11		
12	LJP-12		
13	LJP-13		
14	LJP-14		
15	LJP-15		
16	LJP-16		
17	LJP-17		
18	LJP-18		
19	LJP-19		
20	LJP-20		
	Inkjet Printer		
1	IJP-1		
2	IJP-2		
3	IJP-3		
4	IJP-4		
5	IJP-5		
6	IJP-6		
	DOT MATRIX PRINTERS		
1	DMP-1		
2	DMP-2		
3	DMP-3		
4	DMP-4		
5	DMP-5		
6	DMP-6		
7	DMP-7		
8	DMP-8		

	LINE MATRX PRINTER		
1	LMP-1		
2	LMP-2		
3	LMP-3		
4	LMP-4		
5	LMP-5		
	DOCUMENT SCANNER		
1	DSCAN-1		
2	DSCAN-2		
3	DSCAN-3		
4	DSCAN-4		
5	DSCAN-5		
6	DSCAN-6		
7	DSCAN-7		
8	DSCAN-8		
9	DSCAN-9		
10	DSCAN-10		
	BAR CODE SCANNERS		
1	BCSCAN-1		
2	BCSCAN-2		
3	BCSCAN-3		
4	BCSCAN-4		
5	BCSCAN-5		
6	BCSCAN-6		
7	BCSCAN-7		
8	BCSCAN-8		
9	BCSCAN-9		
	Multifunction Mono Printer		
1	MFP-MONO1		
2	MFP-MONO2		
3	MFP-MONO3		
4	MFP-MONO4		
5	MFP-MONO5		
6	MFP-MONO6		
	Multifunction Color Laser Printer		
1	MFP-COLOR1		

2	MFP-COLOR2		
3	MFP-COLOR3		
4	MFP-COLOR4		
5	MFP-COLOR5		
6	MFP-COLOR6		
7	MFP-COLOR7		
	FARGO Printer		
1	FP – Mod 1		
2	FP – Mod 2		
3	FP – Mod 3		

Commercial Bid- UPS System

Quote rates as per specification and Serial No mentioned in **Annexure- IV**

Sr. No.	Item Code as given in the Tender	Total cost including all taxes and with three years comprehensive warranty	Total cost including all taxes and with five years comprehensive warranty
1	2	3	4
1	UPS-OL-1		
2	UPS-OL-2		
3	UPS-OL-3		
4	UPS-OL-4		
5	UPS-OL-5		
6	UPS-OL-6		
7	UPS-OL-7		
8	UPS-OL-8		
9	UPS-OL-9		
10	UPS-OL-10		
11	UPS-OL-11		
12	UPS-OL-12		
13	UPS-OL-13		
14	UPS-OL-14		
15	UPS-OL-15		
16	UPS-OL-16		
17	UPS-OL-17		
18	UPS-OL-18		
19	UPS-OL-19		
20	UPS-OL-20		
21	UPS-OL-21		
22	UPS-OL-22		
23	UPS-OL-23		
24	UPS-OL-24		
25	UPS-OL-25		
26	UPS-OL-26		
27	UPS-OL-27		
28	UPS-OL-28		
29	UPS-OL-29		
30	UPS-OL-30		
31	UPS-OL-31		
32	UPS-OL-32		
33	UPS-OL-33		
34	UPS-OL-34		
35	UPS-OL-35		
36	UPS-OL-36		
37	UPS-OL-37		
38	UPS-OL-38		
39	UPS-OL-39		
40	UPS-OL-40		
41	UPS-OL-41		

42	UPS-OL-42		
43	UPS-OL-43		
44	UPS-OL-44		
45	UPS-OL-45		
46	UPS-OL-46		
47	UPS-OL-47		
48	UPS-OL-48		
49	UPS-OL-49		
50	UPS-OL-50		
51	UPS-OL-51		
52	UPS-OL-52		
53	UPS-OL-53		
54	UPS-OL-54		
55	UPS-OL-55		
56	UPS-OL-56		
57	UPS-OL-57		

Annexure- IV(A)
Line Interactive UPS System

Sr. No.	Item Code	Rates inclusive of all taxes with three years comprehensive warranty	Rates inclusive of all taxes with five years comprehensive warranty
1.	UPS-LI-1		
2.	UPS-LI-2		
3.	UPS-LI-3		
4.	UPS-LI-4		
5.	UPS-LI-5		
6.	UPS-LI-6		
7.	UPS-LI-7		
8.	UPS-LI-8		
9.	UPS-LI-9		
10.	UPS-LI-10		
11.	UPS-LI-11		
12.	UPS-LI-12		
13.	UPS-LI-13		
14.	UPS-LI-14		
15.	UPS-LI-15		

Annexure- V

Tablet

Sr. No.	Item Code	Rates inclusive of all taxes with three years comprehensive warranty	Rates inclusive of all taxes with five years comprehensive warranty
1.	TAB MOD-01		
2.	TAB MOD-02		

Annexure- VI

IPAD

Sr.No.	Item Code	Specifications	Rates inclusive of all taxes with three years comprehensive warranty	Rates inclusive of all taxes with five years comprehensive warranty
1.	IPAD Model 1	IPAD-2, 16GB with wifi		
2.	IPAD Model 2	IPAD-2, 16GB with wifi + 3G		
3.	IPAD Model 3	IPAD-3 wifi 16GB		
4.	IPAD Model 4	IPAD-3 wifi 32GB		
5.	IPAD Model 5	IPAD-3, wifi 64GB		
6.	IPAD Model 6	IPad-3, 16GB with wifi+cellular		
7.	IPAD Model 7	IPad-3, 32GB with wifi+cellular		
8.	IPAD Model 8	IPad-3, 64GB with wifi+ cellular		

Quotes for Optional (Additional) Items

Sl. No.	Description of additional items	Make & specifications	Whether OEM or Not (Yes/No)	Rates in Rs. Inclusive of all taxes
		(1)	(2)	
1	320GB SATA HDD 5400 RPM			
2	500 GB SATA-II HDD 7200 rpm			
3	2 GB DDR3 memory			
4	4 GB DDR3 memory			
5	15" or higher TFT Monitor with 12 ms or better response time, TCO 03 certified			
6	17" or higher TFT LCD Monitor with 5 ms or better response time, TCO 03 certified with inbuilt speakers			
7	19" or higher TFT LCD Monitor with 5 ms or better response time, TCO 05 certified with inbuilt speakers & minimum 1.3MP webcam			
8	19" or higher TFT LCD Monitor with 5 ms or better response time, TCO 05 certified with inbuilt speakers			
9	21" TFT LCD Monitor with 8 ms or better response time, TCO 03 certified with inbuilt speakers			
10	PCI Express x16 Graphics Accelerator Card (minimum 128 bit, 512 MB Onboard Video memory and 12.8 GBps memory bandwidth)			
11	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	16x DVD ROM Drive			
13	Internal 16x or higher Slim DVD ROM Drive			
14	Internal Slim DVD Writer			
15	OEM Optical USB Scroll Mouse with Mouse pad			
16	104 Keys OEM Keyboard			
17	wireless Keyboard & wireless optical scroll mouse with pad			
18	Microsoft wireless Keyboard & Microsoft Wireless Optical Scroll Mouse with Pad			
19	104 Keys Bilingual Keyboard with engraved keys			

20	104 Keys Cherry (Mechanical) Keyboard			
21	10/100/1000 Mbps Desktop Ethernet card			
22	External Stereo Speakers 2x3 (RMS) with Stereo Microphone & Headphone			
23	External Stereo Microphone with Stereo Headphone			
24	Single user Norton Anti Virus S/W (Latest Version) for Windows OS with free upgrade license (Viruses definition & engine files) valid for one year			
25	OEM Pack Windows 7 Professional Edition (Down gradable to XP) with OEM Pack optical Media			
26	OEM Pack Windows 7 Home with OEM Pack optical Media			
27	OEM Pack Windows 7 Ultimate Edition with OEM Pack optical Media			
28	Latest version of Linux OS (RHEL) with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media			
29	Latest version of Linux OS (Suse) with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media			
30	Latest version of Linux Enterprise (RHEL) WS Edition OS with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media			
31	Latest version of Linux Enterprise (Suse) WS Edition OS with all necessary Plug-ins/utilities, ATS and driver software in CD/DVD Media			
32	External USB Dual Layer DVD Writer (DVD +R/+RW & CD+R/+RW)			
33	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)			
34	Blue Ray DVD Writer having minimum 4MB buffer, minimum 4x Speed for BD –R/ +R, USB interface with all necessary accessories &softwares (Driver & writing)			
35	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			
36	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			

37	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			
38	Wi Fi Compatible 108Mbps or higher Wireless I/F Card			
39	Bluetooth USB Adapter			
40	108 Mbps Wi Fi Compatible USB dongle			
41	TV Tuner Card with 30 fps Compatible with Windows			
42	Four Port USB Splitter			
43	Two port video splitter with required accessories & cables.			
44	PCI Base Parallel interface card			
45	Web Camera : VGA sensor (640 x480 pixel) resolution at up to 30 fps, built in microphone , still image up to 1.3 MP			
46	16GB Pen Drive			
47	32 GB Pen Drive			
48	250GB USB Pocket Drive			
49	500GB USB Pocket Drive			
50	1TB USB Drive			
51	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.			
52	Data Backup and Recovery Software Single Client license with following Specifications ➢ 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			

ANNEXURE-VIII
Compliance sheet

Name & Address of the Bidder:

Sl No.	Tender No	Page no. Of the Tender Bid
1	OEM of quoted item	Yes/No
2	Bidders valid Certificate of ISO 9001:2008	Yes/No
3	Copies of Balance sheet 2008-09, 2009-10 & 2010-11 showing turnover from sale of Computer systems.	Yes/No
4	List of Service Centers/authorized service centers	Yes/No
5	Copies of S Tax/VAT Service Tax PAN	Yes/No
6	Articles of Association etc.	Yes/No
7	Not Black listed (Self Certificate)	Yes/No
8	Certificate of support for 5 years	Yes/No
9		

Annexure-IX
Performa-IX
UNDERTAKING

Use of new, genuine and quality components for IT Resources

This has reference to IT Resources namely (any) Desktop computers, UPS systems, Printers and Laptops components being quoted / to be supplied by your company against the tender NO: **ICSIL/01/203/HW OEM RC/2012-13/Vol.II, Dated : 09.07.2012.**

We hereby undertake that all the components / parts/ assembly/ software such as Hard disk, CPU, Motherboard, Monitors, Memory, power components, networking components, printer head etc. to be used in the above mentioned IT Resources shall be original, new, genuine and as per the said technical specifications from respective OEM(s) of the quoted products. It is also certified that no refurbished/ duplicate/ second-hand components/ parts/assembly/ software are being used or shall be used.

We also undertake that an authorized license certificate (e.g. Product Keys on Certification of Authenticity) shall be supplied in case of Desktop Computers/ Laptop Computer and further that it shall be sourced from its Principal Company.

We shall also submit a certificate from the OEM supplier in support of above undertaking at the time of delivery. It will be our responsibility to produce such letters from our OEM supplier's within a reasonable time.

In case we are found not complying with above indicated undertaking at the time of delivery or during installation, we allow the **ICSIL** to take appropriate action (e.g. Forfeiture of Bank Guarantee/ EMD / balance leased amount).

The Foreign exchange Rate (USD) on the date of submission of tender is Rs._____/- USD.

prices being offered under this contract are not higher than the prices offered to any government department shall be submitted by every bidder. In case, if at any point of time it is found that the rates offered to ICSIL are higher than the rates offered to other Deptt., OEM will be de-registered from the empanelled list.

During the period of warranty & maintenance, all back-end support shall be provided by the OEMs.

Authorized Signatory

Annexure-X

BIDDER'S PROFILE

a) Name of the Vendor:

b) Incorporated as _____ in year _____ at _____

(State Sole Proprietor, Partnership, Private Limited or Limited Firm)

c) Whether any Legal/Arbitration proceedings have been instituted against the Vendor or the Vendor has lodged any claim in connection with works carried out by them. If yes, please give details.

d) Vendor profile
i) Full Address :

ii) Year when set up :

iii) Name of the top executive with designation :

iv) Telephone Number(s) : Mobile :

v) Email address :

vi) Service Tax No :

vii) Sales Tax/VAT No :

viii) CST No :

ix) PAN No :

x) Valid ISO 9001 :2008 certificate: Attach zerox copy

xi)Year of establishment

xii)Whether registered under Indian Companies Act, 1956

e) Turnover from sale of computer system.

Financial Year	Turnover from sale of computer system (in Rs.)
2008-09	
2009-10	
2010-11	

As of this date the information furnished in all parts of this form is accurate and true to the best of my knowledge.

f) Service centers: The following information for service centers operational for more than 3 years, may be given. For franchisee / OEM centers the vendor shall produce a copy of the valid agreement/undertaking from franchises/OEM. ICSIL would verify the information furnished here and if found incorrect the bid is liable to be rejected.

S.No.	Location	Name of Center Full	Technical manpowe	Contact person	Year of	Own centre	Whether spares are

		Postal Address with Telephone Nos.	r strength	with mobile No.	Setup	Or Franchisee	stocked (Y/N)
1							
2							
3							
4							

ANNEXURE-XI

Details of authorized preferred vendor of OEMs for supply of Hardware, Software etc.

All OEMs may if desire, may appoint one authorized business partner, service provider on their behalf to execute the work orders. The back-end support during warranty shall be of the respective OEM for which an undertaking from the OEMs shall be required.

VENDOR'S PARTICULARS

S.No.	Name of the Business partner, service provider	Office Address with Telephone Nos. etc	Contact person with mobile No. & e-mail address	Year of establishment with proof	GTO for 2008-09, 2009-10 & 2010-11	Whether registered with CST/VAT/Service Tax	PAN in the name of the company
1							

Note: Pl attach separate sheet for individual vendor/business partner as per given format.

**Tenderer Signature
Name
Designation**