

**Nabakrushna Choudhury Centre for Development Studies**  
**Odisha, Bhubaneswar-751013**

Tel: (0674) – 2300471; 2301094

E-mail: [ncds\\_bbsr@dataone.in](mailto:ncds_bbsr@dataone.in)

Website: <http://ncds.nic.in>

**Tender Forms**

Sl. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1.	Desktop Computers as per detailed specifications enclosed at Annexure-IA	3	No(s)		
2.	Desktop Computer as per detailed specifications enclosed at Annexure- IB	1	No.		
3.	Desktop Computer as per detailed specifications enclosed at Annexure-IC	1	No.		
4.	Laptop as per detailed specifications enclosed at Annexure-II	3	No(s)		
5.	Line Interactive UPS as per detailed specification enclosed at Annexure-III	3	No(s)		
6.	Scanner as per detailed specification enclosed at Annexure-IV	1	No.		
7.	Laser Printers as per detailed specification enclosed at Annexure-V	3	No(s)		
8.	Colour Laser Printer as per detailed specification enclosed at Annexure-VI	1	No.		
<b>Total Rs.</b>					

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**ANNEXURE-IA**

**Desktop Computer**

Sl. No.	Parameters	Required Specification	Complied (Yes / No)
1.	Make /Model	Bidder to specify	
2.	Processor	Intel Core i5-6400T, 3.2 GHz, 3 MB cache	
3.	Chipset	Intel commercial series or higher version	
4.	Bus Architecture	3 PCI (PCI/PCI Express) or more	
5.	Memory	8 GB DDR4 - 2133 SDRAM with expandable memory upto 16 GB	
6.	Memory Slots	2 DIMM	
7.	Hard Disk Drive	1 TB 7200 rpm or higher SATA	
8.	Optical Drive	8X or better DVD RW Drive	
9.	Key Board	104 keys with USB interface	
10.	Mouse	Optical scroll with USB interface	
11.	Graphics	Integrated; Intel® HD Graphics	
12.	Monitor	18.5 inch or higher TFT/LED digital colour monitor having TCO-05 certified	
13.	Bays	4 nos or above	
14.	Networking facility	on-board Integrated 10/100/1000 GbE LAN	
15.	Ports	6 USB ports (at least 2 USB with 3.0); 1 display port / VGA port; audio port headphone/microphone in front	
16.	Form Factor	Mini Tower / Tower	
17.	Operating System	Windows 8 Professional 64 bit preloaded with media and documentation and certificate of authenticity	
18.	OS Certification	Windows 8 Professional 64 bit OS certification	
19.	Power Management	Screen Blanking, Hard Disk and System Idle Mode in Power on, Set up Password, Power Supply SMPS Surge protected	
20.	Warranty	3 years on-site with spare and service	
21.	Antivirus	(Bidder to specify the make) having 3 years license	

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**ANNEXURE-IB**

**Desktop Computer**

Sl. No.	Parameters	Required Specification	Complied (Yes / No)
1.	Make /Model	Bidder to specify	
2.	Processor	Intel Core i7- 6700 with Intel HD Graphics 530 (3.4 GHz, up to 4 GHz with Intel Turbo Boost, 8 MB cache, 4 cores)	
3.	Chipset	Intel® Q170	
4.	Memory	16 GB DDR4 SDRAM with expandable memory upto 32 GB	
5.	Hard Disk Drive	1 TB 7200 rpm or higher SATA	
6.	Optical Drive	8X or better DVD RW Drive	
7.	Key Board	104 keys with USB interface	
8.	Mouse	Optical scroll with USB interface	
9.	Graphics	Integrated; Intel® HD Graphics	
10.	Monitor	18.5 inch or higher TFT/LED digital colour monitor having TCO-05 certified	
11.	Networking facility	Intel® I219LM Gigabit Network Connection LOM	
12.	Ports	6 USB 3.0; 1 serial; 1 serial (optional); 1 parallel (optional); 2 PS/2 (keyboard and mouse); 1 VGA; 2 Display Port; 1 audio line in; 1 audio line out; 1 RJ-45	
13.	Form Factor	Mini Tower / Tower	
14.	Operating System	Windows 8 Professional 64 bit preloaded with media and documentation and certificate of authenticity	
15.	OS Certification	Windows 8 Professional 64 bit OS certification	
16.	Power Management	Screen Blanking, Hard Disk and System Idle Mode in Power on, Set up Password, Power Supply SMPS Surge protected	
17.	Warranty	3 years on-site with spare and service	
18.	Antivirus	(Bidder to specify the make) having 3 years license	

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**ANNEXURE-IC**

**Desktop Computer**

Sl. No.	Parameters	Required Specification	Complied (Yes / No)
1.	Make /Model	Bidder to specify	
2.	Processor	Intel® Core i3-6100T (3.2 GHz, 3 MB cache, 2 cores)	
3.	Chipset	Intel H170	
4.	Memory	4 GB DDR4-2133 SDRAM (1 x 4 GB) with expandable memory upto 8 GB	
5.	Memory Slots	2 DIMM	
6.	Hard Disk Drive	1 TB 7200 rpm or higher SATA	
7.	Optical Drive	8X or better DVD RW Drive	
8.	Key Board	104 keys with USB interface	
9.	Mouse	Optical scroll with USB interface	
10.	Graphics	Integrated; Intel® HD Graphics 530	
11.	Memory card device	3-in-1 memory card reader	
12.	Monitor	18.5 inch or higher TFT/LED digital colour monitor having TCO-05 certified	
13.	Networking facility	Integrated 10/100/1000 GbE LAN	
14.	Ports	4 USB 2.0; 2 USB 3.0; 1 headphone/microphone combo; 1 serial; 1 parallel (optional); 2 PS/2 (optional); 1 VGA; 1 HDMI-out 1.4;	
15.	Form Factor	Mini Tower / Tower	
16.	Operating System	Windows 8 Professional 64 bit preloaded with media and documentation and certificate of authenticity	
17.	OS Certification	Windows 8 Professional 64 bit OS certification	
18.	Power Management	Screen Blanking, Hard Disk and System Idle Mode in Power on, Set up Password, Power Supply SMPS Surge protected	
19.	Warranty	3 years on-site with spare and service	
20.	Antivirus	(Bidder to specify the make) having 3 years license	

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**ANNEXURE-II**

**Laptop**

Sl. No.	Parameters	Required Specification	Complied (Yes / No)
1.	Make /Model	(Bidder to specify)	
2.	Processor	Intel® Core™ i5 (2 GHz, 3 MB cache, 2 cores)	
3.	Memory	4 GB DDR3L-1600 SDRAM expandable upto 16 GB	
4.	Hard Disk Drive	500 GB 5400 rpm SATA	
5.	Optical Drive	8X or better DVD RW Drive	
6.	Pointing Device & card reader	Touchpad with multi-touch gesture support; Inbuilt Card Reader	
7.	Key Board	Full-size island-style keyboard with integrated numeric keypad	
8.	Graphics	Integrated; Intel® HD Graphics 5500; Graphic controller with 1 GB dedicated video buffer memory	
9.	Monitor	15.6" HD SVA display (15.6" diagonal HD SVA BrightView WLED-backlit (1366 x 768) )	
10.	Audio features	Dual speakers; DTS Studio Sound; inbuilt speakers & mic	
11.	Wireless connectivity	Wifi; Intel® 802.11ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)	
12.	Networking facility	Integrated 10/100 BASE-T Ethernet LAN; Gigabit Ethernet	
13.	Ports	2 USB 2.0; 1 USB 3.0; 1 HDMI; 1 RJ-45; 1 headphone/microphone	
14.	Expansion Slots	1 multi-format SD media card reader	
15.	Battery type	4-cell, 41 Wh Li-ion (5 hours battery backup minimum)	
16.	Operating System	Windows 8 / 8.1 Professional (64 bit) preloaded with media and documentation and certificate of authenticity	
17.	OS Certification	Windows 8 / 8.1 Professional (64 bit) OS certification with media kit	
18.	Warranty	3-years;	
19.	Antivirus	(Bidder to specify the make) having 3 yrs license	
20.	Drivers	Driver software including bundled in CD/DVD media	
21.	Security management & Accessories	Kensington MicroSaver lock slot; Power-on password; Trusted Platform Module (TPM) support; AC power adapter & carrying case; all necessary plugins/utilities	

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**ANNEXURE-III**

**UPS**

Sl. No.	Required Specification	Complied (Yes / No)
1.	700 VA line-interactive UPS with minimum 60 minutes battery backup with load(0.7 lag PF). Output capacity 700 VA, Input Connection India 6 Amp or more plug, 1.2 meter or more power cord, (all with battery backup and surge protection); (3 years warranty on UPS & 2 years warranty on battery)	

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**Scanner**

Sl. No.	Parameters	Required Specification	Complied (Yes / No)
1.	Make /Model	(Bidder to specify)	
2.	Processor speed	120 MHz	
3.	Scan size	216 x 297 mm maximum (Flat Bed)	
4.	Bit depth	24-bits external 48-bits internal	
5.	Scan technology	CMOS CIS (Contact Image Sensor)	
6.	Color scanning	Yes	
7.	Levels of grayscale	256	
8.	Scan input modes	Scan front-panel function: Save as PDF, Save as JPEG, E-mail as PDF and Send to Cloud. HP Scan in Win OS, HP Easy Scan/ICA in Mac OS and third parties applications via TWAIN.	
9.	Scan resolution, hardware	Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed)	
10.	Scan resolution, optical	Up to 600 dpi (color and mono, ADF); Up to 1200 dpi (color and mono, flatbed)	
11.	Cable	Yes, 1 USB	
12.	Minimum system requirements	Windows 7 or higher, 2 GHz processor, 2 GB RAM, 170 MB available hard disk space (driver-only install), USB 2.0, 1024 x 768 SVGA monitor	
13.	Driver	HP Scan Software & Drivers CD	
14.	Others	Supporting flyers; Cushions; USB cable; Power adaptor; Power cords; Install Guide	
15.	warranty	3 Years	

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**ANNEXURE-V**

**Laser Printer**

Sl. No.	Parameters	Required Specification	Complied (Yes / No)
1.	Make/Model	(Bidder to specify)	
2.	Duty cycle (monthly, letter)	Up to 5000 pages	
3.	Print colours	Monochrome (Black /white)	
4.	Print speed black (normal, letter)	33 ppm	
5.	Print speed black (normal, A4)	Up to 33 ppm	
6.	Duplex printing	Manual (driver support provided)	
7.	Processor speed	234 MHz	
8.	Paper trays, maximum	1 (plus single-sheet priority input slot)	
9.	Paper trays, standard	1 (plus single-sheet priority input slot)	
10.	Others	Getting Started Guide, printer documentation and software in CD-ROM, power cord & USB Cable	
11.	Warranty	3 Years	
12.	Minimum system support	Windows 8 Professional OS	

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**ANNEXURE-VI**

**Colour Laser Printer**

Sl. No.	Parameters	Required Specification	Complied (Yes / No)
1.	Make/Model	(Bidder to specify)	
2.	Print	Colour	
3.	Print speed black (normal, A4)	Up to 16 ppm	
4.	Print speed black (normal, letter)	Up to 17 ppm	
5.	Print speed colour (normal, letter)	Up to 4 ppm	
6.	Duplex printing	Manual (driver support provided)	
7.	Processor speed	264 MHz	
8.	Paper trays, maximum	1	
9.	Paper trays, standard	1	
10.	Others	Getting Started Guide, printer documentation and software in CD-ROM, power cord & USB Cable	
11.	Warranty	1 Year	
12.	Minimum system support	Windows 8 Professional OS	

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