

**Directorate of Employment and Training, Chhattisgarh, Naya Raipur
Purchasing of Tools, Equipments and Machineries As per Tender(F.Y. 2016-17)**

Bill of Quantities

GROUP - 6 (COMPUTER RELATED ITEM)

| Code No. | S.No. | Description of Item as per Tool List | TOTAL QTY |
|-----------------------|-------|--|-----------|
| W 100B / COPA 11 B | 1 | Matte (antiglare) screen Comes with 1080 P 3D and 4K ready technology.It should be good for eye strain free while,comes with anti UV coating to protect eyes.Easy to use and low maintenance, 6 Feet(width)*4 feet (height),In 4:3 Format, 84 inches/7 feet Diagonal length. | 51 |
| COPA2 | 2 | Laptop - 4th. Gen. core i5- 4200U Processor or Higher - Cache RAM – 3.0 MB - Min. 4-GB RAM/DDR3L-1600/ PC3-12800/ Expandable - Secure Digital (SD), Secure Digital High Capacity (SDHC), Secure Digital Extended Capacity (SDXC), Memory Stick, Memory- Stick Extended Capacity (MSXC) - 01-TB HDD/Serial ATA/300 Display - Active Matrix TFT color LCD appx. 13.50"/ Aspect Ratio 16:9 /HD/ Resolution: 1366X768/ LED ;Back –Lit Graphics - 2.0GB HD Graphics (Min.) Touchpad - Multi-touch Gesture Connectivity - HDMI/2xUSB 2.0-/1x USB 3.0 - VGA/Audio in + Audio Out - Min.8X DVD writer Battery - Min 2800 mAH Lithium Ion (LI-Ion) - Min Backup Time 3.5 Hrs Operating System - Preloaded Windows 8.1 or higher (Multi touch o/s) Licensed or higher | 32 |
| COPA3 | 3 | Wi-Fi Router / 24 Port Switch With Wireless Connectivity option -Wireless Connectivity -IEEE 802.3x Flow Control -Full Duplex/Half duplex mode -Non-Blocking Switching Architecture -4.8 GBPS Switching Capacity -Store & Forward Switching Scheme -Auto-MDI/MDIX for Crossover elimination -MAC address auto Learning -Auto-Negotiation ports -Smart integration between 10Mbps, 100 Mbps -Hardware plug and play | 32 |
| COPA 9 | 4 | Digital Web Cam (High Resolution)Resolution Pixel: Min 13 MP (interpolated) -Min 640x480 -Color Digit: 24 -Video Frame rate upto 38 -Interface: USB/Plug & Play -Snapshot Function -Manual Focus -Built-in Microphone | 128 |
| COPA 10 | 5 | DVD or Blu-Ray Writer -Drive Type-slim portable blue ray writer -Interface- USB 2.0/3.0 -Support Formats- DVD-R (ver 2.1 for general), DVD –R DL (Dual Layer), DVD-RW, DVD-RAM (ver 2.2), DVD+R, DVD+R DL (Double layer), DVD+RW, M-Disc, BD-R(SL/DL/T, LTH) and BD-RE (SL/DL/TL) -Buffer Memory – Min 4-MB -6X BD-R Writing Speed -M-Disc Support | 64 |

| Code No. | S.No. | Description of Item as per Tool List | TOTAL QTY |
|----------|-------|--|-----------|
| COPA 14 | 6 | Standalone Hard Disks 500 GB or Higher -Standalone hard disk 500 GB/1 TB -Connectivity USB 2.0/USB 3.0 -Form Factor Portable, Plug & Play | 128 |
| COPA16 | 7 | Barcode Scanner -Scan rate: 100 scan lines per second or more -system : laser -print contrast ratio : 25% or better -resolution : 5 mil or better -bar code density : 13 mil: 1 to 15 inch -interface : USB or keyboard wedge | 32 |
| COPA18 | 8 | Standard Screw Driver Set -Specially for computer system or laptop -handle length:10.2 cm minimum -Blade length: 2.8 cm min for all type of screw available in system -approx 15 to 25 blade require | 320 |
| COPA19 | 9 | USB Mini Dongle for Bluetooth devices Connection -Data Transfer rate: 150 Mbps -Plug and play - Supported operating systems: windows XP, Win 7, Win 8 r above, MAC OSX 10.6 or above | 192 |
| COPA 20 | 10 | Bluetooth headphone & mic set -Microphone Type Built-in Microphone -Wireess Type-Bluetooth - Bluetooth Profile- A2DP - Bluetooth Range- 10m minimum -ver 3.0 EDR | 192 |
| COPA 21 | 11 | External Solid State Hard Disk 1 TB Interface -2.5" SATA-III (6 GB/S) compatible with SATA-II (3 GB/S) -And Sata I (1.5 GBS) -Nand Flash -1x Nm Toggle DDR 2.0 -Flash Memory (400 Mbps) -Controller -3- Core MUX Controller -DRAM Cache Memory --256 MB (120 Gb) or 512 MB (250 GB & 500 GB) or 1 GB (750 & 1 TB), LPDDR-2 | 64 |
| HHK 31 | 12 | Latest Processor with major minimum features as below: Quad Core 32/64 Bit Processor (3.06 GHz or Higher, 4 MB 4- Core/ 8- Threads, Turbo up to 3.46 GHz) or Higher Network Card: Integrated Gigabit Ethernet (10/100/1000); RAM: 8 GB Dual Channel DDR3, 1333 MHz SDRAM Memory expandable up to 8 GB, Cache:- L3 Smart 8 MB Cache speed 2.3 MHz or Higher,1 Terabyte HDD 22" TFT Monitor101 | 1 |
| HHK 32 | 13 | CD for hospital management as per syllabus. | 1 |