

**TRADE: COMPUTER OPERATOR & PROGRAMMING ASSISTANT**  
LIST OF TOOLS & EQUIPMENT

SR. NO	SL. NO	NAME OF THE ITEM / SPECIFICATIONS	SPECIFICATIONS
1	1	1) <u>UPGRADATION FOR DESKTOP COMPUTER REQUIREMENT :-</u> 1. RAM 8GB DDR III OR HIGHER WD	8GB DDR-III OR HIGHER
		2. ANTIVIRUS QUICK HEAL/K-7	QUICK HEAL/K-7
2	2	LAPTOP 4 <sup>TH</sup> GENERATION C I5 PROCESSOR , RAM 4 GB, 1 TB HARD DISK, WINDOW 8 PRELOADED LICENSED OS, 2 GB GRAPHICS CARD, DVD WRITER, STANDARD PORTS AND CONNECTORS. DELL/HP	4TH GENERATION INTEL® CORE™ I7-4510U PROCESSOR (4M CACHE, UP TO 3.1 GHZ), 8GB SINGLE CHANNEL DDR3L 1600MHZ (8GBX1)RAM, 1TB 5400 RPM SATA HARD DISK, WIN8 PRELOADED LICENSED OS, NVIDIA® GEFORCE® 840M 2GB DDR3L, DVD WRITER, STANDARD PORTS AND CONNECTORS.
3	4	LAB SHOULD HAVE STRUCTURED CABLING ( TO ENABLE WORKING WITH WIRED NETWORKS TOOL FOR PRACTICAL)	LAB SHOULD HAVE STRUCTURED CABLING ( TO ENABLE WORKING WITH WIRED NETWORKS TOOL FOR PRACTICAL)
4	7	NETWORK MONOCHROME LASER PRINTER A4 SIZE HP/CANON	NETWORK MONOCHROME LASER PRINTER A4SIZE, PROCESSOR: 600MHZ, MEMORY: 128MB, INTERFACE: HI-SPEED USB 2.0/ETHERNET 10/100 BASE TX, POWER CONSUMPTION:400 WATTS (PRINTING)/45 WATTS (STANDBY)/1.0 WATTS (POWER SAVE), NOISE LEVEL: LESS THAN 50DBA (PRINTING)/LESS THAN 26DBA (STANDBY), DIMENSION (WXDXH):368.0 X 330 SCANNER TYPE: FLATBED, SCAN RESOLUTION, OPTICAL: UP TO 4800 DPI, TASK SPEED:10 X 15 CM (4 X 6 IN)
5	12	BATTERY REQUIRED FOR BACKUP 12 AMP	SEALED MAINTENANCE FREE LEAD ACID DRY BATTERIES OF 12V
6	13	CABLE CRIMPING TOOL BRABDED	7.5" STEEL CONSTRUCTION BODY SUITABLE FOR 22–26 AWG WIRES, RATCHET MECHANISM, 8P8C/RJ45, 6P6C/RJ11 PLUGS
7	14	STANDALONE HARD DISKS 500 GB OR HIGHER WD	STANDALONE HARD DISKS 500 GB OR HIGHER WD/SONY
8	15	NETWORK RACK	HEAVY DUTY
9	16	BARCODE SCANNER	BARCODE SCANNER SCAN UP TO 29" AWAY USB, CORDED, HIGH PERFORMANCE IDEAL FOR INVENTORY, OFFICE, AND RETAIL.
10	17	DIGITAL MULTIMETERS, 3.5 DIGIT HANDHELD TYPES.	3.5"LCD DISPLAY, MAXIMUM RANGE OF 1000VDC, 750VAC & 10A AC/DC, MAXIMUM RANGE OF 10MΩ, HAND HELD.
11	18	STANDARD SCREW DRIVER SET PYE	MINIMUM 5 SCREW DRIVER BLADE IN LEATHER/PLASTIC CASE
12	19	USB MINI DONGLE FOR BLUETOOTH DEVICE CONNECTION	SIZE:22 X 12 X 5 MM OPERATION SYSTEM : WINDOWS98 , 98SE , ME, 2000, XP, VISTA INTERFACE : USB COMPLIANCE SYMBOL RATE : 3MBPSRECEIVING / SENDING RANG : 20 M CONVERT NON BLUETOOTH PC INTO BLUETOOTH ENABLED WIRELESS CONNECT TO BLUETOOTH DEVICES SUCH AS MOBILE PHONES , PDA OR PC , FOR DATA TRANSFER , NETWORKING , AND DIAL-UP , FAX ECT. ENABLED WIRELESS CONNECTION TO BLUETOOTH HEADSET SUPPORTING BLUETOOTH VOICE DATA SUPPORTING MULTI LANGUAGES BLUETOOTH SPECIFICATION V 2.0 & V 1.2 COMPLIANT SUPPORTING PROFILES : NETWORKING, DIAL-UP, FAX, LAN ACCESS , AND HEADSET
13	20	BLUETOOTH HEADPHONE & MIC SET I-BALL	BLUETOOTH HEADPHONE & MIC SET, WEARING STYLE ON-EAR, WEIGHT 108G (3.8OZ), MAIN FEATURES VOLUME CONTROL, APTX, BLUETOOTH 2.1 DRIVER SIZE34MM (1.33 INCHES) NEODYMIUM MAGNET FREQUENCY RESPONSE 18HZ ~ 22KHZ CABLE LENGTH1M / 3.3FT (FOR USB CHARGING ONLY)

14	21	EXTERNAL SOLID STATE HARD DISK 1 TB	EXTERNAL SOLID STATE HARD DISK 1 TB, DIMENSIONS 2.36" (60 MM) WIDE, 4.95" (126 MM) TALL' 0.31" (8.0 MM) THICK, PERFORMANCE 3.7OZ (104G) WEIGHT, 0/150MB/S * READ/WRITE ENERGY EFFICIENT - USB POWERED.\
15	22	LAN STEUP	
<b>A.</b>		<b>B. SOFTWARE PER UNIT</b>	
16	1	MS OFFICE 2010 ( PROFESSIONAL) OR LATEST VERSION AVAILABLE AT THE TIME OF PROCUREMENT	MS OFFICE 2010 ( PROFESSIONAL) OR LATEST VERSION AVAILABLE AT THE TIME OF PROCUREMENT
17	2	ANTIVIRUS <b>QUICK HEAL</b> FOR –CLIENTS / WORKSTATIONS IN PROFILE WITH VALIDITY OF AN YEAR OR MORE WHICH SHOULD BE RENEWED UPON EXPIRY	ANTIVIRUS <b>QUICK HEAL</b> FOR –CLIENTS / WORKSTATIONS IN PROFILE WITH VALIDITY OF AN YEAR OR MORE WHICH SHOULD BE RENEWED UPON EXPIRY.
18	3	OPEN OFFICE OR EQUIVALENT	OPEN SOURCE SOFTWARE
19	4	GIMP/ IRFAN VIEW IMAGE EDITOR OR EQUIVALENT	OPEN SOURCE SOFTWARE
20	5	LINUX OS	OPEN SOURCE SOFTWARE
21	6	WYSIWYG WEB AUTHORIZING TOOL – DREAMWEAVER OR OPEN SOURCE TOOLS LIKE KOMPOZER, FRONT PAGEOR SIMILAR TOOLS ALONG WITH FTP TOOLS FOR EX.FILEZILLA ETC.	PROPRIETARY / OPEN SOURCE SOFTWARE
22	7	TALLY ERP 9 OR HIGHER	TALLY ERP 9 OR LATEST
23	8	E COMMERCE SIMULATION SOFTWARE	OPEN SOURCE SOFTWARE
24	9	WEB SERVER : ANY HTTP WEB SERVER / XAMPP OR ANY OTHER SIMILAR SERVER	OPEN SOURCE SOFTWARE

LIST OF FURNITURE

SR. NO.	SL. NO	NAME OF THE ITEM / SPECIFICATIONS	SPECIFICATIONS
1	1	HAND HELD VACUUM CLANER	1 FORBES TRENDY STEEL VACUUM CLEANER, 1 FLEXIBLE HOSE PIPE, 2 EXTENSION TUBES, 1 FLOOR AND CARPET BRUSH, 1 CREVICE NOZZLE, 1 GRILL BRUSH, 1 COAT BRUSH, 1 TOP CLEAN ADAPTER, 1 SPRAY JAR, 1 CAR WASH ADOPTER, 1 AROMISER, 1 ALL PURPOSE NOZZLE, 1 UPHOLSTERY CL
6	8	SPLIT TYPE AIR CONDITIONERS 1.5 TONS OGENERAL/BLUE STAR /HITACHI/CARRIER.	O-GENERAL,HITACHI,BLUE-STAR