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Olympus Infotech Pvt. Ltd is equipped with a very good infrastructure for efficient working. To strengthen the ambience, the office has been beautifully decorated and is well ventilated and illuminated. Given below is a detailed list of the infrastructure of the company:

## I. HARDWARE

### I.1 IBM PC 300:

The supplier of this product is IBM Singapore Pte Ltd. The product is powered with Intel Pentium PIII processor @667 MHz. Some of the features that the system offers are:

- Support for 133MHz Front side Processors
- 256 KB full speed integrated L2 cache memory.
- Intel 810e Chipset with integrated graphic controller.
- 64 MB 133MHz Sync Dynamic RAM.
- 1.44 MB FDD
- 10.0 GB Ultra ATA 66 Hard Disk
- Drive with S.M.A.R.T.Features
- Integrated Audio
- ES4 15" COL MONITOR
- Integrated AGP 2X Card
- Integrated 10/100 Mb PCI Ethernet card
- IBM Mouse
- 48 X CD ROM - 40 Nos

### I.2 IBM Netfinity 3000 server:

The Netfinity 3000 is incorporated with advanced Intel processors and Supports extra reliable ECC SDRAM technology. Integrated Ethernet and disk controllers leave room for expansion. With IBM Netfinity networked business systems can be proactively controlled. Some of the other features include,

- Intel Pentium –III processor @ 650 MHz
- 16KB(data) / 16KB (instructions) L1 cache
- 512 KB write-back synchronous L2 cache
- Intel 82440 BX PCI core chip set featuring 100 MHz FSB
- ISA / PCI bus
- Flash, plug & play BIOS
- Mini Tower
- 128 MB ECC SDRAM DIMM standard (3 memory slots)
- RPM 1.44 MB 3 1/2 "FDD
- 40X IDE CD-ROM drive
- Integrated S3 Trio 4MB SGRAM, Integrated Sound Blaster
- Black G54 IBM 15" Color monitor
- Integrated WAKE ON LAN 10/100 Mbps Ethernet card
- 3 PCI (2 Free), 3 ISA, 1 AGP expansion slots
- 2 Serial k (16550), 1 parallel, 2 USB, I2O ready
- IBM Keyboard, IBM mouse'
- 330 Watts Power supply, cooling fans - 1 No

## Software with Server

IBM Server Guide, Netfinity Manager, Lotus Domino R5 Mail Server with 5 client licenses.

## Security Features

Power-on and administrator passwords, Boot sequence control, I/O control, operation w/o keyboard and mouse.

### 1.3 IBM Netfinity 5100 server:

The sleek 5U server delivers two-way SMP capability high availability and excellent internal scalability. The integrated advanced system management processor works with Netfinity Director to provide superior local and remote control even when electricity is shut down. It also offers Predictive Failure Analysis, Light path Diagnostics and redundant and hot plug components for reliability and easy maintenance. Other features include,

- Intel Pentium-III processor @ 667 MHz in slot1, 2-way SMP capable.
- 16KB(data) / 16KB (instructions) L1 cache
- 256 KB full speed write-back synchronous L2 cache
- Server works server set III LE Chipset
- ISA / Dual Peer PCI bus, I20 ready
- Flash, Plug and play BIOS, Tower
- 128 MB 133 MHz ECC SDRAM RDIMM standard (4 memory slots, memory expandable to 4GB max)
- Integrated Adaptec Dual Channel ultra160 SCSI Controller
- IBM Netfinity Server RAID 3 is Ultra and SCSI RAID Adapter
- 4 x 9.1 GB HS Ultra160 SCSI disk with SMART AND PFA
- 1.44 MB 3 1/2" floppy diskette drive
- 40X IDE CD-ROM drive
- Integrated S3 Trio graphics chipset.
- Black E54 IBM 15" color Monitor
- Integrated Wake on lane 10/100 Mbps full duplex Ethernet card
- 5 PC full size expansion slots
- 6 H/S disk bays, 4 media bays, 3serial.1 parallel, 2 U: B
- IBM keyboard, IBM mouse.
- 2 x 250 watts hot swap redundant power supply.
- Netfinity Hot Swap Power Supply Expansion kit
- 3 airflow cooling fans integrated Advanced Remote Management processor
- Light Path Diagnostics, Integrated environmental monitoring, and integrated System management adapter.

## Software with Server

IBM Server Guide, Netfinity Manager, Lotus Domino R5 mail Server with 5 client licenses.

## Security Features

Power-on and administrator passwords, Boot sequence control, I/O control, operation w/o keyboard and mouse.

- I No

#### 1.4 Apple Macintosh:

The Model of this Machine is PowerMac G3. The product is powered with Mac OS 8.6 @ 400MHz  
 Some of the features that the system offers are:

- 1M Cache
- 64 MB RAM
- 6 GB HDD

#### 1.5 UPS & Back Up Systems:

- The UPS is supplied by Numeric Power Systems Limited. Numeric UPS delivers power supply free from all types of disturbances like frequency variations, brown outs, black outs etc and supplies instantaneous power to the load during the absence to mains power. The capacity is 10 KVA and the Max load is 043 Amps.
- Further two APC UPS of capacity 2700 VA are provided in the server room.

#### 1.6 Server Racks & Accessories:

The supplier is HCL Peripherals. The features include a rigid base frame structure made of high precision heavy grade aluminum profiles, light in weight, the racks have panels and door made of high quality, pre-treated, CRCA steel sheets and tinted glass.

##### Specification

- 800 mm W 42U rack with Front Glass Doors, rear steel Doors and one pairs of Side Panels, with leveling legs.
- Equipment Mgt Tray 800 W
- Sliding Tray 800 Wx475D
- Vertical Power Manager
- 4 Fan Tray with 4 fans

In addition to this all the below Intel Switches and patch panel is housed in a Vero-President Switch Rack of 27 U.

#### 1.7 Computer Switches & Accessories (Peac Electronics Singapore)

ES510 TEU – INTEL EXPRESS 24 PORT 10/100 MODULAR STACKULAR SWITCHES  
 - 3 nos

We have three switches of this kind, which connects 72 data points. This switch has the following accessories

- 1 no ES500 MSI - INTEL EXPRESS STACK INTERFACE MODULE
- 1 no ES500 MSM - INTEL EXPRESS MATRIX MODULE

#### 1.8 HP CD –Writer 8230e

Some of the features of the Hp CD – writer 8230e includes,

- External USB 4 x 4 6x CD rewritable drive.
- CD creation software.
- HP fast format
- HP Music Match jukebox software.
- 1 blank CD-R disc, 1 blank CD-RW disc, USB cable, audio cable and power supply with card.
- CD labeler.
- HP Simple Backup software.
- Deluxe multimedia software.

## 2. OFFICE EQUIPMENTS

### 2.1 SF4500 Series (FAX)

This is a multifunction office product of Samsung with the following features:

- Color inkjet printer
- Scanner
- Plain paper fax
- PC fax
- Copier - 1 No

### 2.2 HP LaserJet 6L (Printer)

This is capable of giving an output of 6 pages per minute. The printer is networking up gradable. It supports two paper input sources. - 2 no

### 2.4 EPSON FX-1170 (Printer)

This is 9 pins, 136 colons, and Dot Matrix printer - 1 No

### 2.3 EPSON STY-460 (Color inkjet printer) - 1 No

### 2.5 EPSON FX-870/1170

This is a 9-pin dot matrix printer, which includes some of the features like

- Fast printing speed (380- characters per second)
- An IBM 2380/2381 emulation mode - 1 No

### 2.6 LUCENT EPABX –Partner -18

The manufacturer is Lucent marketed by Tata Telecom. The system is fully digital, non-blocking and hybrid. The system is equipped with 6 P&T lines and 16 Extensions. The system is expandable up to 15 Trunk & 40 extensions. Some of the features includes:

- Automatic System Answering
- Personal speed dial
- System speed dial
- Hold back, transfer and conference
- Call forwarding, pickup and coverage
- Calling and pickup groups, station lock
- Voice mail and loudspeaker paging'
- Dial code features
- Button programming
- 5 incoming lines
- 16 extensions

### 2.7 PA and Music System

The system is from Ahuja. The model is BGM 800 PA center. The music system includes 18 Ceiling Speakers (CSFM)

### 2.8 Security Arrangements

The instruments are supplied by Texonic Instruments. The setup includes four cameras. Axial cables, control switches with monitor.

## 2.9 Air Conditioner (BLUE STAR)

The complete air conditioning set up of the company includes the following machines,

- 8.3 TR SPLIT AIR CONDITIONER MODEL DSA 10015 = 1 no
- 7.5 TR SPLIT AIR CONDITIONER = 1 no
- 7.5 TR SPLIT AIR CONDITIONER = 1 no
- 2 TR MULTI SPLIT AIR CONDITIONER WMC 242 = 1 no

**Total 25.3 Tons**

## 3.0 UMAX Color Scanner

The Model of the scanner is Astra 2000P. The features of the scanner includes,

- 600 x 1200 dpi optical resolution
- 9600 x 9600 dpi maximum resolution
- 12 bit AD Converter (36 bit in color)
- True 36 bit output to AP with BET, Scan Area: 8.5" x 11.7" (A4 size)

### PC System Requirements:

80486, Pentium processor or above, At least 16 MB RAM, CD-Rom Drive, Microsoft Windows 95/98/NT, 170MB Available hard disk space.

## 3 SOFTWARE

### 3.1 McAfee TotalVirus Defense (TVD)

This software is the culmination of the merger between Network Associates, the worldwide leader in enterprise anti-virus solutions and Dr. Solomon, the leader in detection and cleaning technology. TVD shields against viruses and hostile applets at every point of entry- keeping the network protected at the desktop, server and Internet gateway.

### 3.2 Backoffice 4.5 Server

This integrated server suite built on Microsoft Window's Server, saves time, effort and cost in rolling out solutions for the company's branch office, department or mid-sized business. Back office Server combines networking, web and host-connectivity services with a complete foundation for building powerful business solutions. The package includes

- Microsoft Windows NT Server
- Microsoft SQL Server
- Microsoft Exchange Server
- Microsoft Systems Management Server
- Microsoft Proxy Server
- Microsoft Site Server
- Microsoft SNA Server

### 3.3 Visual Studio 6.0 Enterprise Edition:

This provides with all the tools to build and manage distributed Solutions. Its RAD features increase the productivity, integrate data seamlessly into the applications, and organize team-based Development projects. The visual studio 6.0 Enterprise Edition includes

- i. Microsoft visual basic Enterprise Edition development system.
- ii. Microsoft visual C++ Enterprise Edition development system

- iii. Microsoft visual FoxPro Enterprise Edition database development system
- iv. Microsoft visual Interdev Enterprise Edition web development system
- v. Microsoft visual J++ Enterprise Edition development system for Java
- vi. Microsoft visual SourceSafe version control system.
- vii. Microsoft Back office server 4.5 developer edition

### **3.4 Red Hat Linux 6.2**

This is the world's most popular open source operating system. Reliability, flexibility, control, raw power and the support of millions of users worldwide are some of the features which makes Linux outperform other operating systems.

### **3.5 Unload GIF Animator (version 4.0)**

This software helps to produce highly creative animation for web pages, presentations and multimedia titles. The package provides complete set of industry leading tools, which is the answer for creating compelling, bandwidth-friendly animation.

### **3.6 Adobe Publishing Collection**

This collection contains Adobe's acclaimed page layout, graphics, imaging, and document exchange software. With the help of this software we can create, assemble, and deliver graphically rich designs for print, presentation and the Internet. The package includes

- Adobe Photoshop 5.5
- Adobe Illustrator 8.0
- Adobe PageMaker 6.6 plus
- Adobe Acrobat 4.0
- Adobe Frame maker

### **3.7 FrontPage 2000**

This software is a product Microsoft Corporation. This package is used for applications like,

- Web publishing
- Designing web pages
- Authoring HTML
- Ensuring web compatibility
- Analyzing web etc.,

### **3.8 Tally Gold software package 5.4 version**

This product is from Peutronics (UK) Pvt. Ltd., Some of the strengths of Tally includes,

- Balance sheets, ledger accounts, budgets, inventory, bill of materials, sales and purchase order processing and other data over any period of time are provided instantly
- Multiple companies can be handled and consolidated at the press of a button
- Presentation can be made attractively with the help of graphics and tables
- Do receivables and payables for trading and non-trading accounts, with user defined ageing analysis.
- Capable of multi-Location, multi-unit and multi valuation inventories.
- Multi –currency accounting including the EMU is possible.
- Multiple budgets across all accounting and inventory heads can be handled simultaneously.

- Import and export of data is possible.
- Comprehensive audit control is possible.
- It is easier to get full information of the financial position than the other accounting packages.

### 3.9 LOTUS DOMINO R-5 with 50 User Notes

This is used for all our intranet applications like, Mail, Workflow management, individual e-mail id management etc, Notes is the most sophisticated and popular extranet / intranet applications

### 3.10 Office 2000

The entire Office suite consists of

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Access

### 3.11 SmartSuite Millennium

This is an Office suite from Lotus. This consists of the following utilities

- Word Pro
- Lotus 123
- Freelance
- Approach

### 3.12 Windows 2000

This is the latest version of Network operating system from Microsoft

### 3.13 Act

This is an application extensively used for maintaining personal informations, addresses, schedules, reminders etc.

### 3.14 QuarkExpress

QuarkXPress is the industry standard in publishing. Its design tools provides more freedom, including hands-on control of many tool settings. It also has advanced features for its time, including proportional scaling of text and the ability to save pages in EPS (encapsulated PostScript) format.

### 3.15 Compare Software

This is an in-house built software for the Prepress and E-Publishing requirements. The main application of this software is to compare two files. When one file is already open, the other file is currently typed. Every character typed is compared with that of the background file. Only if it matches then it allows typing other characters otherwise not.

The Errors made by the user is entered in the database for evaluating the efficiency of the user. With the help of this software 99.997% accuracy is maintained.

### 3.16 Card Scan

CardScan is an electronic address book that scans and stores business-card information

### 3.17 YandY (TEX/LATEX2e)

Through the use of this powerful typesetting language, we produce high-quality pages of text, tables and mathematics.

### 3.18 XML

#### **XML Spy Suite**

This is an Integrated Development Environment for XML.

#### **Export XML**

This software is used to export MSWord documents to XML Format

#### **XML Parser**

The parser is responsible for handling XML syntax and, if desired, checking the contents of the document against constraints established in a document type definition (DTD) or schema

### 3.19 Font Libraries

The font libraries used mainly are as follows,

- Fontographer
- Adobe type library
- Monotype font library

## 4.0 BUILDING

The company is located in the third floor of 'Meerlan towers'. The plinth area is 4528 Sq.Ft. The building consists of a 7 passenger common lift and a 205KVA Volvo generator set. The interiors of the office are done up with wooden paneling, glass partitions and glass doors. The flooring is done with non-woven carpet. The office has been decorated with artificial plants and flowers and is well lit. We have dedicated parking for 2 & 4 wheelers.

### 4.1 STRUCTURED CABLING

All passive components are from Crone Communications – Germany. The total stretch of cabling is about 4625 feet. The cabling is completely concealed. This is achieved by means of trenches in the floor. The width of the trench is one feet and the depth is 6 inches. The wires are enclosed in P.V.C. pipes which stretches all through the office connecting all the 80 desktops. The cabling basically transports power, data and voice. The U.P.S and the Server becomes an integral part of the cabling.

### 4.2 CONFERENCE ROOM

We have a conference room, which can seat 20 people. It has two white boards and facility to plug in an OHP. There are two data points for connecting PCs, if required.

### 4.3 DISCUSSION ROOM

There is a discussion room, which can seat four people. The room has a peaceful ambience. There is one computer terminal and a telephone connection in this room.

### 4.4 BACKUP GENERATER

A Volvo marine generator set with a capacity of 205 KVA housed in a separate soundproof room in the ground floor handles the power shutdowns.

### 4.5 SECURITY

The building is equipped with 24 hours securities provided by the builders. There are two Ceasefire Fire extinguishers of 4.5 kg capacity placed on suitable locations. The two doors, one in the left and the other in the right serves as an entry to the respective blocks. The lift and the staircase provide the exit. There are two Ceasefire smoke detectors one in the server room and the other in the UPS room.

### 5.0 INTERNET:

The Internet connectivity is provided by Dish net DSL. It is a 64 KBPS line. Copper cables are used for connectivity that is linked to 15 clients through IBM Mail Server.

### 6.0 Staff Dining:

On the terrace, there is a shed with adequate tables and chairs to seat around 30 people and this used for lunch.