Department of School & Mass Education, Govt. Of Odisha

**Implementation of e Vidyalaya Project in 4000 Govt. & Govt. aided Schools of Odisha**

This is to certify that the following items/Human Resources have been duly delivered and installed/deployed in our school and all equipment/items are in proper condition for implementation of ICT lab with following details.

| **IMPLEMENTATION PARTNER** | **Please tick whichever is applicable** |
|---|---|
| IL&FS Education & Technology Services Ltd. | ✓ |
| Telecommunication Cosultants India Ltd | |

| | |
|---|---|
| **U DISE CODE** | 21120200202 |
| **Date** | 04022014 |
| **School Name** | GOVT MAJORI UPGRADED HIGH SCHOOL |
| **Village** | MAJORI |
| **Block** | BANKI |
| **District** | CUTTACK |
| **Address** | AT-MAJORI<br>PO-BANKI Pin: 754008 |
| **Name of Head Master/ Mistress(HM)** | BIJAYANAND PATRA |
| **HM Contact No.** | 9937389270 |
| **Name of School Coordinator** | SUMITRA BARIK |
| **School Coordinator's Contact no.** | 9853305901 |
| **Implementation partner's School Code** | 0DZ3-CUTA-0769 |
| **Room Dimension (In feet)** | Length: 20 Ft" Breadth: 18 Ft" — Please Tick ✓ |

| Sr. no. | Item Make & Model | Qty. | Specification & Serial No. | Please Tick |
|---|---|---|---|---|
| 1 | Desktop Acer Make | 1 | X86 Architecture 3.2 Ghz or higher Processor with 4 dedicated cores, RAM 4GB or higher expandable to 16GB, 500 GB HDD, 19-inch or Higher LED Monitor, Built-in audio, 300 Watt Desktop Speaker, DVD Writer,10/100/1000BaseT Ethernet, 104 Key Keyboard and Optical Mouse With at least 2 Free Full Height PCI slots, | ✓ |
| | Serial no. | | UXV85SI019D52 71540 | |
| 2 | Desktop(Stand by) Acer Make | 1 | X86 Architecture 3.2 Ghz or higher Processor with 4 dedicated cores, RAM 4GB or higher expandable to 16GB, 500 GB HDD, 19-inch or Higher LED Monitor, Built-in audio, 300 Watt Desktop Speaker, DVD Writer,10/100/1000BaseT Ethernet, 104 Key Keyboard and Optical Mouse With at least 2 Free Full Height PCI slots | ✓ |
| | Serial no. | | UXV85SI018D52 79079 | |

| U DISE CODE | 2 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 2 | 0 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | Please Tick |
|---|---|---|---|---|
| 3 | Shared Computing Device N-computing | 2 | Two Shared Computing Devices per Desktop. Multibox device which allows 6 users to share a single host PC through a share computing PC-Sharing kit (which includes one full height PCI Card, Virtualization software, access devices with speaker output, PS/2 Mouse and PS/2 Keyboard output. SVGA Monitor output and RJ45 Connection Port. with 5 CAT6 cables (each of 5 meters length)), Power consumption of each access device should not exceed more than 1-2watts. The access device should be integrated with Host PC via CAT 6 cable with support up to 10mtr/32ft. Each user should have independent desktop environment. User experience on shared terminal should be substantially the same as on the host PC (Boot time, Login Experience, Responsiveness (Mouse, Keyboard, application start-up and execution), Graphics/Multimedia, Logout. | ✓ |
| 4 | Monitor | 12 | 19-inch or higher LED Monitor with static contrast 1000:1, resolution of 1440 x 900 and VGA connectivity with matt black finish, brightness 250 cd/m2, viewing angle 170 degrees/ 160 degrees (horizontal/vertical), wall mounting port VDI, with Windows Certification with EPEAT GOLD / TCO /Energy Star Certification | ✓ |

| Serial no. | Pls. fill the serial no.s of all the 12 Monitors |
|---|---|
| 1 | MMLY6SS01 4345 |
| | 018D78510 |
| 2 | MMLXKSS01 4346 |
| | 0201E4204 |
| 3 | MMLXKSS01 4346 |
| | 01FCF4204 |
| 4 | MMLXKSS01 4346 |
| | 0918 3 4204 |
| 5 | MMLYCSS01 4345 |
| | 017AF8510 |
| 6 | MMLY6SS01 4345 |
| | 0153C8510 |
| 7 | MMLXKSS01 4346 |
| | 0242 5 4204 |
| 8 | MMLXKSS01 4346 |
| | 0251D4204 |
| 9 | MMLY6SS01 4345 |
| | 017DD8510 |
| 10 | MMLY6SS01 4345 |
| | 049A58510 |
| 11 | MMLY6SS01 4345 |
| | 0154A8510 |
| 12 | MMLXKSS01 4346 |
| | 0195D4204 |

| | | | | Please Tick |
|---|---|---|---|---|
| 5 | Web Cam<br>Brand (Pls. tick): Zebronic / Wipro | 1 | Min 5MP camera, Support for HD Video calling (1280 X 720 pixels), Built-in mic with noise reduction | ✓ |
| 6 | Headphones | 40 | Headphone with Mic | ✓ |
| 7 | Headphone Sharer | 10 | 5-Way 3.5-mm Headphone Splitter | ✓ |

U DISE CODE: 2 1 1 2 0 2 0 0 2 0 2

| | | | | |
|---|---|---|---|---|
| 8 | Integrated Computer Projector K-YAN<br>Serial no. | 1 | Specification:<br>Projection System: DLP Technology ; Brightness: 2500-ANSI Lumens (Short Throw) Resolution: SVGA (800x600) ; Contrast Ratio: 2500:1 Computer System : X86 architecture, 3.2GHz or higher with 4 dedicated Cores, Minimum 4MB L3 Cache, Compatible chipset with HD graphics, 4GB DDR3 RAM expandable to 16 GB, 500 GB Serial SATA II 7200 RPM HDD, Optical Drive DVD RW, Wireless Keyboard & optical Scroll Mouse. OS: DOS ; Input: PS/2 Mouse & Keyboard, RF –in for TV, USB ports, Microphone in ; Output : Internal 30 watts Audio Output, LAN: 1x Gbps LAN, Integrated analogue cable TV tuner.<br>1 3 L G C Z 0 0 1 2 1 5 4 7 | Please Tick<br>✓ |
| 9 | Interactive White Board Smart<br>Serial no. | 1 | Active Size: Minimum 77" diagonal Active Area: Minimum active area 156 cm W × 117cm H Resolution: Digitizing resolution is approximately 32767 × 32767 Aspect Ratio: 4:3.Board Surface: Durable Hard-coated steel surface, optimized for projection, maintenance free, compatible with dry-erase markers and easily cleaned with whiteboard cleaner or isopropyl alcohol (IPA),Operating System: Windows XP SP3, Windows Vista® SP2 or Windows 7 operating system and Linux,Writing Tools: Both finger and pen touch without any special tools, supports multi touch and use of non mechanical and battery free objects. Power Options: Power consumption is less than 0.5 W (100 mA at 5 V). Must obtain power from the computer through the USB cable for Windows® and Linux® computers. Technology: Touch technology. No interference from Electromagnetic sources/sunlight and other external influences Data Ports: 12 Mbit /s USB connection (full-speed USB 1.1 or USB 2.0). Storage: Saving of files in PC,Software: Must include a complete version of the white boarding software application on a CD or DVD. Software must also be available online for download. Users must be able to access the software without having to register for an online community. Software must be available for update via a product updating service that can automatically scan for new updates and alert users to their availability. Must support Windows® / Linux® operating systems.Should have interactive features like palm touch, image gallery, image enlarge; snap shots, recording lectures, reveal option, focus to specific part of content, zoom etc. Must supply additional software to collaborate external content and facilitate teachers to create new content and manage and deliver other content .Must supply an application for remote collaboration to work on the same content simultaneously and write directly into each other's documents. Minimum 100 to maximum 500 user can concurrently use the facility.Accessories: Stylus/ Pens, USB Cable, Software CD, user manual etc. to be a part of standard supply. Warranty: 5 years warranty.<br>S B 4 8 0 – 6 2 – 0 6 7 1<br>0 3 | Please Tick<br>✓ |
| 10 | Multi Function Printer<br>Brand (Pls. tick): HP ☐ Ricoh ☐<br>Serial no. | 1 | Mode: Up to 18 ppm, Print technology: Laser, Print quality black (best): Up to 600 x 600 dpi (1200 dpi effective), Display: at least 2-line LCD, Processor speed: Minimum 400 MHz, Connectivity, standard: Hi-Speed USB 2.0 port, 10/100Base-T Ethernet network port, RJ-11 Telephone port, Duplex printing: Automatic Scanner type: Flatbed, ADF, Scan file format: JPEG, TIF (compressed and uncompressed), PDF, GIF, BMP, Scan resolution, optical: Up to 1200 dpi, Certified by IDC.<br>C N F 8 F 8 0 1 2 X | Please Tick<br>✓ |
| 11 | On Line UPS Delta<br>Serial no. | 1 | ISO 9001 Certified. Online UPS of 2KVA with 30 minutes power backup, Output Wave Form - Pure sine wave, Efficiency 90 % or better on rated full load, Input Power Factor > 0.90, Battery type : Sealed. Maintenance Free, Micro Controller Based Double Conversion Online UPS and Cabling. With DG Set compatibilities, frequency range 50+/- 6% hertz, operating temperature: 0 to 50 degrees celcius,noise level: as per the government norms. output: pure sine wave output<br>8 2 S 1 3 C 0 2 8 8 7 W J | Please Tick<br>✓ |
| 12 | Networking<br>Serial no. | | 16 Port Unmanagable GIGABIT switch with CAT-6 cabling (in casing caping) for all the nodes, Mutli fucntion printers, Projection system.<br>Q S 5 H 1 D B 0 0 3 0 8 5 | Please Tick<br>✓ |
| 13 | Fire Extinguisher<br>Expiry Date | 1 | Portable Carbon Dioxide Handheld fire extinguishers as per IS specification<br>0 3 0 2 2 0 2 4 | Please Tick<br>✓ |

| U DISE CODE | | | 2 1 1 2 0 2 0 0 2 0 2 | Please Tick |
|---|---|---|---|---|
| 14 | Servo Stabilizer Protect | 1 | 5KVA (1 Phase Servo Motor Operated Line Voltage Corrector), Input Range: : 50V-270V (Single Phase), Mounting: On Wheels. Output range: 220V/230V/240V single phase (adjustable), earthing terminals, overload cutoff, output protection through MCB, Frequency range: 50+/- 3% hertz. Operating temperature: 0 to 50 degrees celsius. | ✓ |
| | Serial no. | | 1 8 0 1 1 4 0 1 6 | |
| 15 | Silent Generator Set Champ | 1 | ISO 9001 Certified, Minimum 3 KVA Petrol/Diesel based silent generator set with Safe Cabling and Installation | ✓ |
| | Serial no. | | 5 1 3 1 1 0 2 7 0 1 8 | |
| 16 | Initial meter reading of the Silent Generator Set | | 00005 | ✓ |
| 17 | Earthing (as per IS specifications) | | Copper plate earthing stations making earthing with copper earth plate | ✓ |
| 18 | Lighting (ISI mark) | 4 | 40W Tube Light with Electronic Choke (ISI mark) | ✓ |
| 19 | Ceiling / Wall mounted fans (ISI mark) | 2 | 48" blade with regulator, 3 Blade Indicative Brands: Philips / Wipro/ Usha /Crompton Greaves /Khaitan /Bajaj/ Havells | ✓ |
| 20 | Exhaust fans (ISI mark) | 2 | 300mm sweep, 45 Watts, Speed 1330 RPM Indicative Brands: Philips / Wipro/ Usha /Crompton Greaves /Khaitan /Bajaj / Havells | ✓ |
| 21 | Switches and sockets (ISI Mark) | 15 | 5 A- 240 V switches | ✓ |
| | | 15 | 2 in 1 5A and 15A Sockets | |
| | | 2 | 15 A – 240 V socket with shutter | |
| | | | Indicative Brands: - Anchor / Havells / crabtree /Wipro /Phillips / Legrand Switches and sockets is to be provided for all electronics/IT equipments including printer and Projection System to be placed at lab technician table. | |
| 22 | Computer Table Tajpuria | 13 | Dimensions Width 1200mm x Depth 609mm x Height 750mm 18mm pre laminated particle board conforming IS: 12823. Pretreated & powder coated steel frame. Good quality PVC edge bending to be provided on pre laminated board. No Sharp corners, smooth edges are essential. Legs frame made of 1.5 inch square pipe, 16 gauges. Table rests on good quality glide screws. Full length footrest is to be provided. One 65mm diameter hole for drawing cables is to be provided , this hole has to be covered with steel cover Good quality telescopic slider along with full width keyboard with 30cm projected depth panel, keyboard free space is 10 cm. Table must have a modesty panel of 200mm height to be provided.End caps to be provided. BIFMA Certified | ✓ |
| 23 | Chair Uma Plastic/Moderna | 41 | Armless Moulded Chairs, Cream colour, Standard Compliant | ✓ |
| 24 | Electrical meter Initial reading | | | |
| 25 | Painting | - | The surface of Wall and Ceiling to be painted, shall be prepared to the satisfaction of OKCL / OMSM and shall be applied with 2 coats of primer and then with 2 coats of distemper paint of standard make as approved by OKCL / OMSM. | ✓ |
| 26 | Lab Cleanliness Kit | 1 set | Dusting cloth, hand held vacuum cleaner, Dust cloth covers for all the IT equipments and one Foot mat | ✓ |
| 27 | Curtains | Full lab | To maintain proper darkness in the Lab / Classroom during Projection | ✓ |
| 28 | Wall Clock | 1 | ISI Mark, Wall Clock | ✓ |
| 29 | Notice Board | 1 | 5feet x 3feet, P/F 15 thk Pinup board with fabric wrapped all around | ✓ |
| 30 | White Board | 1 | 4 ftx3 ft minimum 18mm thickness white board | ✓ |

*** Please note that all the three signatures are mandetory on all the sheets.

****All fields are to be filled up mandatorily.

Signature of Implementation Partner's Representative with Seal

IL & FS EDUCATION AND TECHNOLOGY SERVICES LIMITED BHUBANESWAR

Signature of OKCL Representative with Seal

Bijayananda Patra
Headmaster
Govt. Upgraded High School
Majiori, Banki, C.

Signature of School Head Master/Mistress with Seal