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	21170806003
Date	22072014
School Name	SAKUNTALA DEVI HIGH SCHOOL
Village	TARABO 1
Block	JATNI
District	KHORDHA
Address	AT/PO-TARABO 1, PS-JATNI, DIST-KHORDHA
Name of Head Master/ Mistress(HM)	KSHETRABASI MOHARANA
HM Contact No.	9668022851 0
Name of School Coordinator	AKSHYA KUMAR BARAL
School Coordinator's Contact no.	9237077075
Implementation partner's School Code	ODZ3-KHOR÷1151
Room Dimension (in feet)	Length: 25 Breadth: 16 — 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.		UXV05SI0191D / 52795880	
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	Please Tick ✓
	Serial no.		UXV05SI018D / 52779700	

U DISE CODE			2 1 1 7 0 8 0 6 0 0 3	
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 l-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.	Please Tick ✓
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	Please Tick ✓
	Serial no.		Pls. fill the serial no.s of all the 12 Monitors	
	1		M M L X K S S 0 1 4 3 4 6 0 8 F 9 1 4 2 0 4	
	2		M M L X K S S 0 1 4 3 4 6 0 2 8 0 4 4 2 0 4	
	3		M M L X K S S 0 1 4 3 4 6 0 2 6 A 8 4 2 0 4	
	4		M M L X K S S 0 1 4 3 4 6 0 7 3 7 7 4 2 0 4	
	5		M M L Y 6 S S 0 1 4 3 4 5 0 1 7 0 2 8 5 1 0	
	6		M M L X K S S 0 1 4 3 4 6 0 1 E A 7 4 2 0 4	
	7		M M L X K S S 0 1 4 3 4 6 0 1 F 8 2 4 2 0 4	
	8		M M L X K S S 0 1 4 3 4 6 0 2 6 5 7 4 2 0 4	
	9		M M L X K S S 0 1 4 3 4 6 0 8 9 A 1 4 2 0 4	
	10		M M L X K S S 0 1 4 3 4 6 0 1 D 3 A 4 2 0 4	
	11		M M L X K S S 0 1 4 3 4 6 0 8 8 D C 4 2 0 4	
	12		M M L X K S S 0 1 4 3 4 6 0 6 C D B 4 2 0 4	
5	Web Cam Brand (Plz. tick) Zebronic ✓ Wipro	1	Min 5MP camera, Support for HD Video calling (1280 x 720 pixels), Built-in mic with noise reduction	Please Tick ✓
6	Headphones	40	Headphone with Mic	Please Tick ✓
7	Headphone Sharer	10	5-Way 3.5-mm Headphone Splitter	Please Tick ✓

U DISE CODE			2 1 1 7 0 8 0 6 0 3	
8	**Integrated Computer Projector K-YAN**	1	Specification : 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 1.3 Cache, Compatible chipset with HD graphics, 4GB DDR3 RAM expandable to 16GB, 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.	Please Tick ✓
	Serial no.		1 3 L G C Z 0 0 1 2 2 8 0 8	
9	**Interactive White Board Smart**	1	Active Size: Minimum 77" diagonal Active Area: Minimum active area 156 cm W x 117cm H Resolution: Digitizing resolution is approximately 32767 x 32767 Aspect Ratio: 4:3.Board Surface: Durable Hard-coated steel surface, optimized for projection, manitenance 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 a 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.	Please Tick ✓
	Serial no.		S B 4 8 0 - C 2 - 0 6 1 9 7 3	
10	**Multi Function Printer**	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.	Please Tick ✓
	Brand (Pls. tick) HP ✓ / Ricoh			
	Serial no.		C N F 8 F 8 P 5 Y Y	
11	**On Line UPS Delta**	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	Please Tick ✓
	Serial no.		8 2 S 1 3 C 0 4 0 3 2 W J	
12	**Networking**		16 Port Unmanagable GIGABIT switch with CAT-6 cabling (in casing caping) for all the nodes, Mutli fucntion printers, Projection system.	Please Tick ✓
	Serial no.		Q S 5 H 1 D B 0 0 1 5 7 2	
13	**Fire Extinguisher**	1	Portable Carbon Dioxide Handheld fire extinguishers as per IS specification	Please Tick ✓
	Expiry Date		2 1 0 7 2 0 2 4	

U DISE CODE			2 1 1 7 0 8 0 6 0 0 3	Please Tick
14	Servo Stabilizer Protect	1	5KVA (1 Phase Servo Motor Operated Line Voltage Corrector), input Range: : S0V-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 7 1 4 0 0 0 1 7	
15	Silent Generator Set Champ	1	ISO 9001 Certified, Minimum 3 KVA Petrol/Diesel based silent generator set with Safe Cabling and Installation	Please Tick ✓
	Serial no.		5 1 3 1 1 0 3 2 2 5 1	
16	Initial meter reading of the Silent Generator Set		000075	Please Tick ✓
17	Earthing (as per IS specifications)		Copper plate earthing stations making earthing with copper earth plate	Please Tick ✓
18	Lighting (ISI mark)	4	40W Tube Light with Electronic Choke (ISI mark)	Please Tick ✓
19	Ceiling / Wall mounted fans (ISI mark)	2	48" blade with regulator, 3 Blade Indicative Brands: Philips / Wipro/ Usha /Crompton Greaves /Khaitan /Bajaj/ Havells	Please Tick ✓
20	Exhaust fans (ISI mark)	2	300mm sweep, 45 Watts, Speed 1330 RPM Indicative Brands: Philips / Wipro/ Usha /Crompton Greaves /Khaitan /Bajaj / Havells	Please Tick ✓
21	Switches and sockets (ISI mark)	15	5 A- 240 V switches	Please Tick ✓
		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 8t 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	Please Tick ✓
23	Chair Uma Plastic/Moderna	41	Armless Moulded Chairs, Cream coloui, standard Compliant	Please Tick ✓
24	Electrical meter Initial reading		00007.9	
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.	Please Tick ✓
26	Lab Cleanliness Kit	1 set	Dusting cloth, hand held vacuum cleaner. Dust cloth covers for all the IT equipments and one Foot mat	Please Tick ✓
27	Curtains	Full lab	To maintain proper darkness in the Lab / Classroom during Projection	Please Tick ✓
28	Wall Clock	1	ISI Mark, Wall Clock	Please Tick ✓
29	Notice Board	1	5 feet x 3 feet, P/F 15 thk Pinup board with fabric wrapped all around	Please Tick ✓
30	White Board	1	4 ftx3 ft minimum 18mm thickness white board	Please Tick ✓

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

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

Signature of Implementation Partner's Representative with Seal

ILFS EDUCATION AND TECHNOLOGY SERVICES LIMITED ★ BHUBANESWAR

J.P. Pattanaik

i/c Headmaster
Sakuntala Devi High School
At/Po-Tarabai, Dist-Kh

Signature of School Head Master/Mistress with Seal

Signature of OKCL Representative with Seal