

LIST OF MATERIALS INSTALLED IN LANGUAGE LAB

S.NO.	PARTICULAR	QTY
1	ENGLISH LANGUAGE LAB SOFTWARE	1
	a) Should have 3 levels: Basic, Intermediate and Advanced with substantial content to hone the learner skills and should be based on the Blended Learning Mechanism, i.e. It should have Instructor Lead Teaching (ILT/ Classroom teaching) content as well as Computer Based Training (CBT/Lab practice) content. Basic Level should use the contextual learning methodology.	
	b) Content should purely be multimedia based and comprise of graphics, audio, video and should be highly interactive in nature.	
	c) The content should be as per the Common European Frame Work of reference	
	d) The software should have capabilities of Listening, Recording and Comparing of Speech patterns both via audio and visual. The software should have speech spectrograph for visualization.	
	e) The software should be based on neutral accent and should not use the Foreign accent	
	f) The software should consist of a glossary of words with correct pronunciation in the Indian context	
	g) The software should have animated mouth movements for proper articulation for all 44 sounds	
	h) Should have a Mother Tongue Influence (MTI) removal tool	
	i) Detailed trainer Manuals as per session plan should be available for each level to guide the teacher in each lesson for the training purpose	
	j) The software should have predefined lesson plans	
	k) Student courseware/work books should be available in accordance with the software	
	l) Teacher should be able to create tasks for students to work later on	
	m) Detailed reports on the activities performed by the students as well as teachers should be made available	
	n) Teachers should also be able to create their own exercises and assessments	
	o) There should not be a limit on the number of student logins to be created	
	p) There should be automatic update feature available using Automatic Patch Servers	
	q) 2 Days Train the Trainer program should be provided on site by a subject matter expert	
	r) The training videos should be available for the teachers in the software as well as their mobile phones and the same should work on Android as well as IOS	
	s) There should be support app available for teachers to raise the support queries in the software as well as their mobile phones which should work on the Android as well as IOS	
	t) There should be a company's support center with proper support procedures like web based ticketing system	

फंड 1 की सामग्री अंग्रेजी विभाग के Language Lab में स्थापित की गई है

Patel

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सामग्री का नाम

अनुक्रमांक	चालान देयक क्रमांक दिनांक	सामग्री प्रदाय करने वाली फर्म का नाम	मात्रा	दर	राशि	स्टोर कीपर के हस्ताक्षर	प्रमाण अधि ह
1	2	3	4	5	6	7	8

10

	e) Touch Input	Finger & Stylus					
	f) Accuracy	1mm or better					
	g) Interface	USB					
	h) Multi-Touch	Minimum 10 points touch					
	i) OS Driver Support	Windows 10 and Linux					
	j) Operation temperature	0-45°C					
	k) Software Features	include minimum features like choose, pens, annotate, erase, color, shapes, sizes, text, Edit, fonts, stamp,					
	l) Accessories	USB interface cable, Stylus holder with 2 stylus					
	viii) Green Board				1		
	a) Size	78 Inches Diagonal exactly same size as Interactive Board					
	ix) Multi-function printer	Ink-tank, color, with wi-fi capability			1		
4	UPS				1		
	3 KVA Online UPS (8 Batteries of 18 maH each for 30 minutes backup with Rack)						
5	Furniture Products				1 pc.		
	a) Teacher Chairs -High Back Chair with head rest, PP Arms, Nylon Base, Gas Lift, Net Back, Type/Mechanism: Synch Tilt Push Back.						
	b) Teacher Table - Providing and fixing in position office table of size 1500 mm (L) x900mm (W) The table is completely covered with sun mica and edges duly covered with margins with				1 pc.		
	c) Computer Chair - Medium Back Chair, Without Arms, Nylon Base, Gas Lift, PU Molded Seat Type/Mechanism: Spring Back				20 pc.		
	d) Computer Table (Workstation for Student) - All booths are made up of wooden/ ply partition				20 pc.		
6	Cassette Air Conditioner:-Feature- Indoor unit: 840 x 840 x 205, Outdoor unit: 760 x 590 x 285, Installation Type - Cassette, Color - White/ cream, Wattage - 2110 Watts. Capacity - 2 Ton				2 pc.		
	Room Carpeting				600 sq. ft.		
	Providing & layering of carpet of Leg strong/ Unite/ Royal/Armstrong or equivalent 4mm thick as per approved color, layer with synthetic bostic and skirting on all sides.						
7	False ceiling with all the required treatments and fittings				600 sq. ft.		
	Providing & fixing of gypsum channel and fixing of 12mm gypsum board which is duly plastic paint finish designed with gypsum ceiling with channel of 50mm, fixture channel of 25mm. The frame is layered with 2x2 perforated tiles.						
8	Eco Proof Wall Paneling				1000 sq. ft.		
	Providing & fixing of 50mm wooden wall paneling fabricated from wood section of 50mm X 37.5mm @ 2'0" cc, made up of 6mm commercial ply/MDF which is duly filled with eco-friendly material (sound proof), duly finished with cloth/ teak veneer finish polish/ paint. Sound proof ecofriendly system consists of 50mm filler with 25mm glass wool padding which is finally fabricated with 25mm thermo col covering with proper air gapping as per eco - sound arrangement.						
	Light and Electrical Fixtures				As per Requirement		
10	LED Ceiling Lights, Required electrical points for each work station.						

क्रमांक 3 (viii), 4, 5, 6, 7, 8, 9 एवं 10 की सामग्री अंग्रेजी विभाग के Language Lab में स्थापित की गई है।

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क्र.सं.	प्रदाय दिनांक	सामग्री प्राप्तकर्ता का नाम व उपविभाग	मात्रा	शेष बचत रकम	प्राप्तकर्ता के हस्ताक्षर	प्रमाणितकर्ता के हस्ताक्षर
9	10	11	12	13	14	15

vi) Short Throw Projector						
a) Brightness	4000 ANSI Lumens or better					1
b) Contrast Ratio	22000:1 or better					
c) Native Resolution	WXGA (1280x800) or higher					
d) Throw	Short Throw					
e) Keystone	vertical and horizontal					
f) Minimum Lamp Life	6000 Hrs in Normal Mode, 10000 Hours in Economy Mode					
g) Input Ports	HDMI -1, VGA - 2, Audio IN, RCA x 1, S-Video x 1					
h) Other Ports	USB, RS 232, LAN(RJ 45)					
i) Output	VGA, Audio Out					
j) Throw Ratio	0.49 or better					
k) In Built Speaker	Minimum 10 Watts					
l) Input Power Supply	As per Indian standard with compatible power cable & connector					
m) Accessories	All device driver and cables for connecting with computer					
n) Other Accessories	Wall mount kit and Cables (of 5 meter length HDMI, Power) should be supplied along with projector					
vii) Electronic Interactive Board						
a) Technology	Infrared(IR) or better					1
b) Active Area Diagonal Size	Minimum 78 Inches Diagonal					
b) Surface of the Board	resistant surface. The surface should have 100 percent eras ability when					
c) Hot keys	On both sides of the Boards with description of icons					
d) Resolution	30000*30000 or better					



क्रमांक 3 (vi) तथा 3 (vii) की सामग्री अंग्रेजी विभाग के Language Lab में स्थापित की गई है।

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सामग्री का नाम

क्र.सं.	प्रदाय दिनांक	सामग्री प्रामकर्ता का नाम व उपविभाग	मात्रा	शेष बचत सूकन्ध	प्रामकर्ता के हस्ताक्षर	प्रमाणितकर्ता के हस्ताक्षर
9	10	11	12	13	14	15

2	u) The Software should work on both Desktop PCs and Thin Client/Zero Client					
	v) The English Language Lab should work on both the Windows as well as the Linux operating systems					
	w) Should be a make in India product					
3	Server & Client - Hardware					
	a) Server; Monitor (Full HD 21.5"), Keyboard, Mouse, Headphones with Microphones, DVD writer					
3	b) Client PC with required OS, Monitor (Full HD 18"), Keyboard, Mouse, Headphones with Microphones, DVD writer					
	Digital Teaching Device- Hardware					
	i) Feature					
	a) Cabinet					
	b) Material of Cabinet					
	ii) Computer					
	a) Small Form Factor					
	b) CPU					
	c) RAM					
	d) Hard Disk					
	e) In-Built Wi-Fi / Wireless LAN Card					
	f) Ports (Min.)					
	g) Standard Keyboard					
	h) Optical Mouse					
	i) Sound Bars					
j) Operating System						
k) DVD writer						
iii) Multimedia Controller						
a) Controller						
b) Input / Output Port on Front Panel of Digital Teaching Device						
iv) Power Backup						
a) Power Backup						
v) In -Built Visual Presenter						
a) Type						
b) Technology						
c) Image Capture Size						
d) Native Resolution						
e) Optical Zoom						
f) Digital Zoom						
g) Video Frame Rates						
h) Focus Arrangement						
i) Camera Head Rotation Angle						
j) Light Source						

क्र.सं. 2 व 3 की सामग्री अंग्रेजी विभाग के Language Lab में स्थापित की जायेगी।

MA. J. 1. 2018

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