



తెలంగాణ తెలంగాణ TELANGANA

4078 28/07/2020 100/-

B. Tejaswi D/o B.V. Satyanarayana Kumar
R. Chittoor
Unecops Technologies Ltd Hyderabad

K. Shanthi Y 407131

K. SHANTHI

LICENSED STAMP VENDOR

L. No: 16-11-045/1995,

R. No: 16-11-009/2019

H. No: 7-1-414/2, Srinivasa Colony
East Ameerpet, Hyderabad-500 038.

Phone No: 9866250673

Memorandum of Agreement (MOA)

This Agreement is executed on the 1st April of 2021 between "Unecops Technologies Ltd", hereinafter called UTL and Government Degree College, Kukatpally.

1. PURPOSE & SCOPE

The purpose of this MOA is to clearly identify the roles and responsibilities of each party and terms and conditions of the project as they relate to the AMC of Virtual Classrooms in Government Degree College, Kukatpally.

2. BACKGROUND

In consideration of the foregoing and of the mutual promises set forth herein, and the Purchase Order released by your college vide ref no Lr.No.283/Virtual Class Rooms/Govt. Degree College, Kukatpally/Date:07/11/2019 to Telecommunications Consultants India Limited, TCIL. The UTL has been authorized by TCIL as The Implementation partner for the execution of Virtual Classrooms. Herein Government Degree College, Kukatpally and UTL, hereto agree as follows:

- 1.1. CCE and SPD – RUSA (Commissioner of Collegiate education and State Project Director – RUSA) on the observations made on the proposals shared on the AMC by TCIL and UTL, has decided to go forward with UTL and released the proceedings dated 07.05.2021 to enter the MOA with respective colleges.

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Virtual Classroom Specifications

Technical Specifications

Virtual cum Digital Classroom	
LIST OF ITEMS	
1. PC	<ul style="list-style-type: none">• Processor - Intel® Pentium® processor (1.5 to 2.80 GHz, Quad Core)• Hard Disk - 500GB• RAM - 4GB
2. Interactive Device	<ul style="list-style-type: none">• Movement Detection Technology - 3-D Optical• Tracking Active Area - Up to 6x4" for 16:9 aspect ratio (Wide angle)• View angel - (Vertical) 95 deg• View angel - (Horizontal) 110 deg• View angel - (Diagonal) 170 deg• T/R Range - 0.6 / 0.4 / 0.2 / 0.16• Tracking Speed - 60-70 FPS (can be extrapolated upto 200 FPS)• Operating & Storage Environment Temperature: - 10° C to +60° C; Humidity: 0% to 95%• Accuracy + / - 2 px• Response Time - Upto 195 Mn dots/sec• Key features: Annotation features such as choose pens, annotate, erase, color, shapes, sizes, capture image and video, save, floating keyboard etc
3. Projector Short Throw	<ul style="list-style-type: none">• Technology: DLP• Brightness/ Resolution: 3000 lumens• Native Resolution: XGA(1024X768)



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1.2. UTL has expertise in the similar area and has been authorized to provide services for implementation of Virtual and Digital Classrooms.

1.3. UTL agrees to perform for Government Degree College, Kukatpally the services listed in the Scope of Services section below. Such services are hereinafter referred to as "Services." The Government Degree College, Kukatpally agrees that UTL shall have ready access to Company's staff and resources as necessary to perform the service provided for this contract.

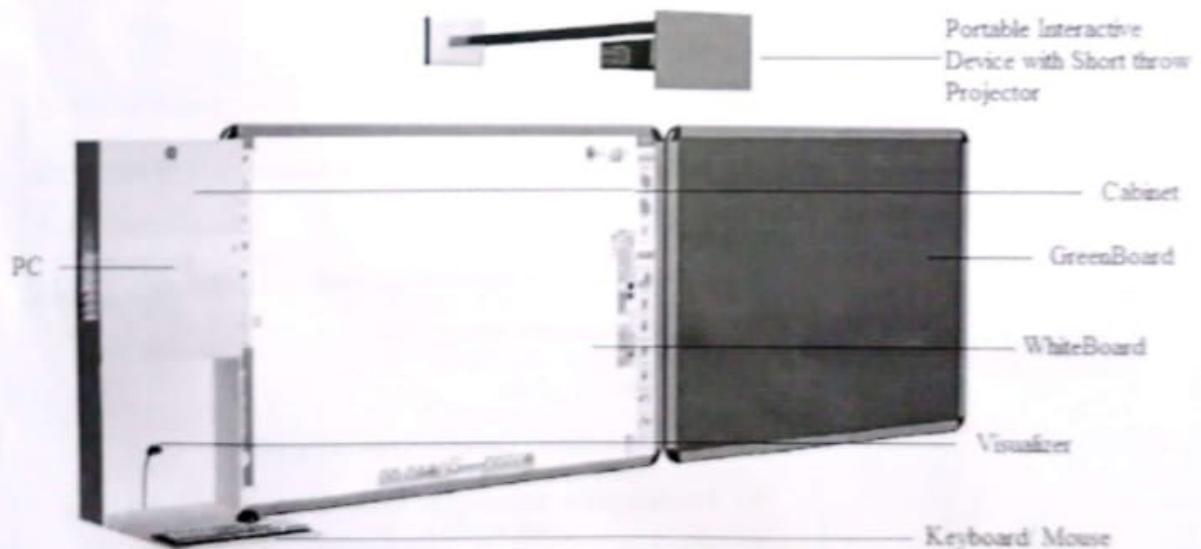
3. Scope of Work under this MOA

UTL shall provide the following products and services under this project:

Installation of Virtual Classrooms in Colleges in Institutions in the state of Telangana.

The Components for Virtual Classroom and Digital Classrooms are listed below with the specifications/ features for each product.

Vertical Wall Mounted metal cabinet



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	<ul style="list-style-type: none"> Brightness : 3000AL Contrast Ratio : 20000:1 Display Color : 1.07 Billion Colors Lens : F=2.6 f=6.9mm Aspect Ratio: Native 4:3 (5 aspect ratio selectable) Zoom Ratio : Fixed Lamp Type: 200W Lamp Mode : 4500/6000/6500/10000 hours Keystone Adjustment: 1D, Vertical +/- 30 degrees Accessories: Wall Mount kit, HDMI, VGA, Power Cables
4. Portable Visualizer	<ul style="list-style-type: none"> Capture Size A4 Resolution 1024 x 786 (XGA) Sensor CMOS 2.0 mega pixel Picture Format JPG / TIF / PDF / BMP / TGA / PCX / PNG / RAS Doc Format PDF / WORD / TXT Video Format AVI / WMV
5. White Board	Size: 1828 X 1220 mm (6x4) Ceramic coated scratch resistant surface
6. Green Board	Size: 1524 X 1220 mm (5x4)
7. Projector Wall Mount Kit	<ul style="list-style-type: none"> 2x2 Aluminum Wall Mount kit
8. Speakers	<ul style="list-style-type: none"> 2.1 50W RMS Speakers 4-inch full range driver for satellites and powerful 6.5 base driver for the sub-woofer speaker Independent power switch LED indicator Cable length: Satellite speaker: 1.5m Audio input cable: RCA vs. 3.5mm stereo cable x 1pcs, RCA vs.



	<p>RCA stereo cable x 1pcs</p> <ul style="list-style-type: none"> • Output power (RMS): 52W • Satellite: 16W×2 • Subwoofer: 20W • Power: AC 220-240V - 50/60Hz
9. Wireless Mic	<p>RF Output Power -10mW (Max.)</p> <p>Modulation Mode - FM</p> <p>Microphone Element -Dynamic, Cardioid</p> <p>Maximum Deviation - ±25kHz</p> <p>Frequency Response - 40Hz-13kHz</p> <p>Power Requirement - 9V Battery</p> <p>Current Consumption - <30mA</p> <p>Controls - ON/MUTE/OFF Switch</p> <p>Indication - Red LED: Momentary glow for RF ON & Permanent glow for Low Battery</p> <p>Dimensions - ø 48 (L 240) mm</p> <p>Weight - 0.25kg (without battery)</p> <p>RECEIVER</p> <p>Frequency Stability - ± 0.005%</p> <p>Audio Output - 0-50mV</p> <p>S/N Ratio - >80dB</p> <p>Distortion - <0.5%</p> <p>Antenna Type - Telescopic</p> <p>Power Requirement - 220V-240V AC</p> <p>Dimensions - W152×H40×D110 mm</p> <p>Weight - 0.20kg</p> <p>ACCESSORIES</p> <p>1×Connection Cable, 1×AC Adaptor, 1×9V Battery</p>



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