



BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS) (ESTD : 1963)

[Government Aided Institution, Institute under Technical Education Quality Improvement Programme (TEQIP) of World Bank, Accredited by National Board of Accreditation of AICTE, and Affiliated to Visvesvaraya Technological University, Belgaum]

S. Nijalingappa Vidyannagar

BAGALKOT-587 102, Karnataka, India

☎ : 08354 - 234060, 234072, 234121

Telefax : 08354-234204

e-mail : becprincipal@yahoo.com

Website : www.becbgk.edu

Ref. No. BEC / BGK / / /

Date : _____

Ref. No. : TEQIP-II/2013/KA2G06/NCB/68

Date: 07-Nov-2013

Purchase Order

To
Micro Village Communications Pvt. Ltd.,
No. 28, 3rd Floor, HAL III Stage, 80 feet road, Indiranagar,
Bangalore - 560075, Karnataka.

Subject: Supply of goods under NCB for package code TEQIP-II/KA/KA2G06/3

Dear Sir,

With Reference to your quotation for the package no. TEQIP-II/KA/KA2G06/3 and subsequent technical discussions, we are pleased to place you an order for the following goods under TEQIP- II as per terms and conditions mentioned below.

Sr. No.	Description	Basic Cost Per Unit	Qty	Total Basic Cost
1	Audio system - speaker system, amplifier, wireless handle micro phone, wireless lapel microphone, DSP audio processor	625805	1	625805.00
2	Cables and connectors-Audio - Video control cables, AV connectors	162500	1	162500.00
3	Display device - Multi media projector, Motorised screen, Wireless key board mouse, Electronic Writing tablet	508590	1	508590.00
4	Switcher and interface system- Presentation scalar, HDMI distribution amplifier, Digital media transmitter and receiver, Button panel, DVD player, Document Camera, Equipment Rack	842503	1	842503.00
5	Video Conferencing System with camera	436500	1	436500.00
	Taxes			363082.00
Total Cost in Rs.				29,38,980.00

(In words Rupees Twenty nine lakhs thirty eight thousand nine hundred and eighty only)

Terms and Conditions

1. All terms and conditions as mentioned in bid document (GCC) as well as (SCC) hold good in supply, installation, commissioning, testing and training of video conference.
2. Delivery must be with in stipulated period (90 days).



AK Ramani
on 2.11.2013
[Signature]



[Signature]
Principal
(Dr. R. N. Herkal)

Category	Sub-Spec	Value
Cabinet	Cabinet	Wall Mounted lockable enclosure
	Material of the Cabinet	ABS OR EQUIVALENT
	Degree of Protection (IP Rating)	NA
CPU	CPU	Intel Atom
	Processor Generation	6th
	RAM (GB)	8
	RAM upgradable upto (GB)	8
	Hard Disk Capacity (GB)	1000
	Hard Disk Upgradable upto (GB)	1000
	OS Compatibility	Windows 10 Professional
	VGA Port	Yes
	No. of USB 2.0 Ports (Nos)	0
	No. of USB 3.0 Ports (Nos)	2
	LAN Port	Yes
	Keyboard	Inbuilt
	Mouse /Track Pad	Inbuilt
	Operating System	Windows
Central Controller	Central Controller	Available
	Provisions available to control various components	System On/off, PC on/off, Projector on/off, volume control keys, external PC Input, VGA Input etc
Visualizer	Visualizer	Available
	TYPE	NA
	Technology	NA
	Capture Size / Image Size	NA
	Resolution (Pixels)	NA
	Image Pick up Device (inch)	NA
	Video Frame Rates (fps)	30
	Optical Zoom	0
	Digital magnification	0
	Focussing Arrangement	NA
	Lens Focal Length (mm)	0
	Image Memory (Number of Images)	0
	Image Rotation Facility (Degree)	0
	Computer Interface	NA
	Light Source	NA
	Life of Lamp used (Years)	0
	Number of Input VGA Port	0
	Number of Output VGA Port	0
	Number of Output HDMI Port	0
	Scan Object	NA

Interactive Board

Video Format Supported	HA
Interactive Board	Not Available
Board Diagonal size (mm)	2500
Width of the active area of the board (mm)	2200
Height of the active area of the board (mm)	1250
Display Resolution (pixels)	1920 X 1080
Board Aspect Ratio	16 : 9
Touch Interface	pen driven
Touch Technology	Infrared
Number of touch points	2
Response time (milli seconds)	3
Operating system Compatibility	WINDOWS AND ANDROID
Input HDMI ports (Nos)	2
USB 2 ports (Numbers)	0
USB 3 ports (Numbers)	2
Audio Input ports (Numbers)	0
Audio output ports (Numbers)	1
RS-232 C ports (Numbers)	0
RJ 45 ports (Numbers)	1
VGA-IN ports (Numbers)	0
VGA OUT ports (Numbers)	0
Short Cut Keys (Available on both sides of board)	Yes
In built Speakers	Yes
Speaker Output (Watt)	20
Number of electronic pen or stylus to be supplied with the board (Numbers)	2
Bluetooth connectivity	Yes
Wi-fi connectivity	Yes
Power Supply V(AC)	100-240
Details of software provided	VOS, LGS & SmartBoard
Power consumption (Watt)	Less Than 100W
Standard Accessories to be supplied ie Active Board, Cordless Pen, USB Cable etc	Yes
Operating Temperature Range for Complete Digital Teaching Device (degree C)	0 to 50 degrees C
Operating Humidity (RH) for Complete Digital Teaching Device (%)	80%
Projector with Arm	Available
Type	Short Throw
TECHNOLOGY	DLP
Native Resolution	Full HD
Brightness (Lumens)	1600

Projector with Arm

Contrast Ratio (Minimum)	700:1
Zoom Feature	NA
Zoom (in %age)	NA
Throw Ratio	0.8
Aspect Ratio	16 : 9
Keystone Correction	NA
Projection Lamp	LED
Minimum Life of projection Lamp (In Normal Mode) (Hours)	30000
Lamp Hour Counter (In-Built)	No
Video Compatibility	NTSC/PAL
Inbuilt Speaker	Yes
Speaker Output (Watt)	20
HDMI/DVI Port	Yes
Analog RGB In Port	NA
Analog RGB Out Port	NA
Audio In	NA
Audio Out	Yes
Video In	Yes
Storage Media Port (USB- Type A)	Yes
WiFi Availability	Yes
LAN Connectivity	Yes
Power Consumption in Sleep Mode (Watt)	3
Power Consumption in Normal Mode (Watt)	less than 100
Power Supply (Vac)	100-240
Green Board	Not Available
If Yes, Dimension of Green Board (Length x Width) (cm x cm)	NA
Air Mouse with Laser Pointer	Available
External Frame to fix Active Board with Green Board	Not Available
Dimension of External Frame (Length x Width) (cm x cm)	NA
On site OEM Warranty (Year)	1

Buyer Defined Additional Specification for digital teaching device

Specification	Value
Accessories: Projector Screen, Wireless keyboard and Mouse, Tripod/ Mounting Kit	Appropriate and Suitable for SmartED

Terms and Conditions

1. General Terms and Conditions

1.1 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable



B.V.V.S.

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Annexure I

Sr. No	Item Name	Specifications
1	Lecture Capture Facility	<p>Camera: Image Sensor 1/2.8", 2 Megapixel progressive scan, Effective Pixels 1920(H) x 1080(V), Scanning System Progressive, Electronic Shutter Speed Auto/Manual, 1/3(4)~1/10000s, Min. illumination 0.01Lux/F1.4 (Color), 0Lux/F1.4(IR on), S/N Ratio more than 50dB, Video Output 1 channel BNC (1.0Vpp,75Ω), Camera Features: Max. IR LEDs Length 50m 100m, Day/Night Auto (ICR)/Color/B/W, Backlight Compensation BLC/HLC/ DWDR, White Balance Auto/Manual, Gain Control Auto/Manual, Noise Reduction 3D, Privacy Masking Up to 4 areas</p> <p>Lens: Image Size 1/3, Mount Type CS, Focal Length 5 - 50mm, Aperture Length F/1.6 - 360, Angle of View (Horizontal x Vertical) 1/3 Wide 53° x 40°, Tele 5.6° x 4.2°, 1/4 Wide 40° x 30°, Tele 4.2° x 3.2°, Focus Range 1.0m - ∞, Operation Focus Manual w/lock, Zoom Manual w/lock, Filter Size - Back Focus (in air) Wide: min. 13.71mm (in air), Tele: min. 17.87mm (in air), Wave Length Visible Light - Near Infrared, Operating Voltage 0.5v - 4.0v.</p> <p>PoE Injector: Interface 2 10/100/1000Mbps RJ45 Port, Auto negotiation/Auto MDI/MDIX 1 48VDC Power input port, Network media 10BASE-T: UTP category 3, 4, 5 cable (Max 100m), EIA/TIA-568 100Ω STP (Max 100m), 100BASE-TX: UTP category 5, 5e cable (Max 100m), EIA/TIA-568 100Ω STP (Max 100m), 1000BASE-T: UTP category 5, 5e, 6 cable (Max 100m), Power Supply 15.4W (Max. 48VDC), LED Indicator PWR</p> <p>Camera mount : Customized</p> <p>Raspberry PI Set: Customized</p> <p>Network Switch: Device Interfaces-Eight 10/100/1000, Gigabit LAN ports, Functionality Advanced Features, Green Ethernet, 16 Gbps switching fabric,</p>





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Auto MDI/MDIX crossover for all ports, Secure store-and-forward switching scheme, Full/half-duplex for Ethernet/Fast Ethernet speeds, IEEE 802.3x Flow Control, Supports 9,216 Byte Jumbo Frames, Supports IEEE 802.1p QoS (4 Queues, Strict Mode), Support of Cable Diagnostics Function Protocol, CSMA/CD Data Transfer Rates, Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex), Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex), Gigabit Ethernet: 2000 Mbps (full duplex), Transmission Method Store-and-forward, MAC Address Table, 8 K MAC Address Learning, Automatic Update Packet Filtering/Forwarding Rates, Ethernet: 14,880 pps per port, Fast Ethernet: 148,800 pps per port, Gigabit Ethernet: 14,88,000 pps per port, RAM Buffer, 128 KB per device

Patch Cord: minimum 1 mtr

IR Receiver: Receiver Input Infrared, Modulation FM Wide-band, Infrared Wavelength 850 nm, Reception Frequencies Channel A: 2.08MHz, Tone Signal 32.768 KHz, Frequency Response 40 Hz- 10 kHz \pm 3 dB, S/N Ratio >70 dB, THD<1%, Maximum deviation \pm 22.5KHz, De-emphasis 50 μ s, Aux input (1), Line level, 3.5mm with gain control@ front panel, Output @ rear, (1), Mic level, unbalanced RCA, (1), Line level, sensor inputs 2, RCA type, Power supply DC 12V/ 600 mA

IR Sensor: Operating Frequency 2 MHz to 2.8 MHz, Operating Range 15m radius to central of sensor Signal / Power Interface, Female RCA, Reception Area 232m² / 2500ft², Power Indicator LEO Green, Reception Angle 360 full semi-spherical (half dome) coverage

Microphone Dongle (with charger)

Audio Cable: Customized

Rack Server: Customized 2U, i5 processor, 8 GB RAM, 12 TB HDD with Linux Ubuntu latest version OS

Software: Perpetual Supporting Software License

Class Room Box / Rack: Customized





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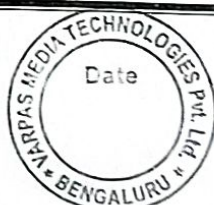
2	Projector (Type A)	Projection System: 3LCD Technology, RGB liquid crystal shutter, LCD Panel 0.67 inch with D10, Colour Light Output: 4,200 lumen- 2,410 lumen (economy) in accordance with IDMS15.4, White Light Output: 4,200 lumen - 2,410 lumen (economy) in accordance with ISO 21118:2012, Resolution WUXGA, 1920 x 1200, 16:10, Contrast Ratio 15,000:1, Lamp 230 W, 5,500 hours durability, 12,000 hours durability (economy mode), Keystone Correction Auto vertical: $\pm 30^\circ$, Auto horizontal $\pm 30^\circ$, Colour Reproduction upto 1.07 billion colours, Projection Ratio 1.39 - 2.23:1, Zoom-Digital, Image Size 30 inches - 300 inches, Projection Distance Wide 1.5 m (45 inch screen), Projection Distance Tele 8.9 m (260 inch screen), Projection Lens F Number 1.5-2, Focal Distance 23 mm - 38.4 mm, Focus-Manual, Offset 26.9:1, USB Display Function 3 in 1: Image / Mouse / Sound, Interfaces - USB 2.0 Type A, USB 2.0 TypeB, RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Gigabit ethernet interface, VGA in (2x), VGA out, HDMI in (2x), Composite in, RGB in (2x), RGB out, MHL, Stereo mini jack audio out, Stereo mini jack audio in (2x), Miracast, Wireless LAN IEEE 802.11a/b/g/n/ac, Epson iProjection App Ad-Hoc / Infrastructure, Security - Kensington lock, Control panel lock, Password lock, Padlock, Security cable hole, Wireless, LAN unit lock, Wireless LAN security, Password protection, Video Colour Modes Blackboard, Dynamic, Photo, Presentation, sRGB, DICOM SIM Energy use 331 W, 227 W (economy), 2 W (standby)
3	Projector (Type B)	LED and hybrid light source, Lamp Free, minimum 33000 Ansi lumens LED high Brightness 20000:1 Contrast Ratio, Aspect Ratio 4:3, Resolution: 1024x768 (XGA), minimum 20,000 hours Lamp life, Connectivity: HDMI X 2, VGA X1 in, Inbuilt media player USB Plug and play, RS232 Control, LAN, Wireless (Optional), Audio I/O



Sr. No	Item Name	Specifications
1	Lecture Capture Facility	<p>Camera: Image Sensor 1/2.8" 2 Megapixel progressive scan, Effective Pixels 1920(H) x 1080(V) Scanning System Progressive Electronic Shutter Speed Auto/Manual, 1/3(4)~1/10000s Min. Illumination 0.01Lux/F1.4 (Color), 0Lux/F1.4 (IR on) S/N Ratio More than 50dB Video Output 1 channel BNC (1.0Vpp, 75Ω) Camera Features Max. IR LEDs Length 50m 100m Day/Night Auto (ICR)/Color/B/W Backlight Compensation BLC / HLC / DWDR White Balance Auto/Manual Gain Control Auto/Manual Noise Reduction 3D Privacy Masking Up to 4 areas Lens: Image Size 1/3 Mount Type CS Focal Length 5 - 50mm Aperture Length F/1.6 - 360 Angle of View (Horizontal x Vertical) 1/3 Wide 53° x 40° Tele 5.6° x 4.2° 1/4 Wide 40° x 30° Tele 4.2° x 3.2° Focus Range 1.0m - ∞ Operation Focus Manual w / lock Zoom Manual w / lock, Iris DC Auto Iris Filter Size - Back Focus(In air) Wide: 13.71mm (in air) Tele: 17.87mm (in air) Wave Length Visible Light - Near Infrared Operating Voltage 0.5v - 4.0v PoE Injector: Interface 2 10/100/1000Mbps RJ45 Port AUTO Negotiation/AUTO MDI/MDIX 1 48VDC POWER INPUT PORT Network Media 10BASE-T: UTP category 3, 4, 5 cable (Max 100m) EIA/TIA-568 1000 STP (Max 100m) 100BASE-TX: UTP category 5, 5e cable (Max 100m) EIA/TIA-568 1000 STP (Max 100m) 1000BASE-T: UTP category 5, 5e, 6 cable (Max 100m), Power Supply 15.4W (Max. 48VDC), LED Indicator PWR Camera mount : Customized Raspberry Pi Set: Customized Network Switch: Device Interfaces: Eight 10/100/1000 Gigabit LAN ports Functionality Advanced Features, Green Ethernet, 16 Gbps switching fabric, Auto MDI/MDIX crossover for all ports, Secure store-and-forward switching scheme, Full/half-duplex for Ethernet/Fast Ethernet speeds, IEEE 802.3x Flow Control, Supports 9,216 Byte Jumbo Frames, Supports IEEE 802.1p QoS (4 Queues, Strict Mode), Supports Cable Diagnostics Function Protocol, CSMA/CD Data Transfer Rates, Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex), Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex), Gigabit Ethernet: 2000 Mbps (full duplex) Transmission Method, Store-and-forward MAC Address Table, 8 K MAC Address Learning, Automatic Packet Filtering/Forwarding Rates, Ethernet: 14,880 pps per port, Fast Ethernet: 148,800 pps per port, Gigabit Ethernet: 1,488,000 pps per port RAM Buffer, 128 KB per device Patch Cord: 1 mtr IR Receiver: Receiver Input, Infrared Modulation FM Wide-band Infrared Wavelength 850 nm Reception Frequencies, Channel A: 2.08MHz Tone Signal 32.768 KHz Frequency Response 40 Hz- 10 kHz ± 3 dB S/N Ratio >70 dB THD IR Sensor: Operating Frequency 2 MHz to 2.8 MHz, Operating Range 15m radius to central of sensor Signal / Power Interface Female RCA Reception Area 232m2 / 2500ft2, Power Indicator LED Green Reception Angle 360 full semi-spherical(half dome), coverage Dimensions 118(DIA)x 35(H) mm Microphone Dongle (with charger), Audio Cable: Customized Rack Server: Customized 2U, Perpetual Supporting Software License Class Room Box / Rack: Customized</p>

- 2 **Projector (Type A)** Projection System: 3LCD Technology, RGB liquid crystal shutter, LCD Panel 0.57 inch with D10, Colour Light Output: 4,200 lumen- 2,400 lumen (economy) in accordance with ANSI 4, White Light Output: 4,200 lumen - 2,400 lumen (economy) in accordance with ISO 20038:2002, Resolution: WXGA, 1280 x 800, 16:10, Contrast Ratio 15,000: 1, Lamp 250 W, 5,500 h durability, 12,000 h durability (economy model), Keystone Correction Auto vertical: $\pm 30^\circ$, Auto horizontal: $\pm 30^\circ$, Color Reproduction: Up to 1.07 billion colors, Projection Ratio 1.35 - 2.29:1, Zoom-Digital, Image Size 30 inches - 300 inches, Projection Distance Wide 1.5 m (45 inch screen), Projection Distance Tele 8.9 m (260 inch screen), Projection Lens F Number 1.5-2, Focal Distance 23 mm - 38.4 mm, Focus-Manual, Offset 25.9: 1, USB Display Function 3 in 1: Image // Mouse // Sound, Interfaces - USB 2.0 Type A, USB 2.0 Type B, RS-232C, Ethernet interface (100 Base-TX // 10 Base-T), Gigabit Ethernet interface, VGA in (2x), VGA out, HDMI in (2x), Composite in, RGB in (2x), RGB out, WHL, Stereo mini jack audio out, Stereo mini jack audio in (2x), Miracast, Wireless LAN IEEE 802.11a/b/g/n/ac, Epson Projection App Ad-Hoc / Infrastructure, Security - Kensington lock, Control panel lock, Password lock, Padlock, Security cable hole, Wireless LAN unit lock, Wireless LAN security, Password protection, Video Colour Modes Blackboard, Dynamic, Photo, Presentation, sRGB, DICOM SIM, Energy Use 331 W, 227 W (economy), 2 W (standby).
- 3 **Projector (Type B)** LED and hybrid light source, Lamp Free, minimum 30000 Ansi lumens LED high Brightness 20000:1 Contrast Ratio, Aspect ratio 4:3, Resolution: 1024x768 (XGA), minimum 20000 hours Lamp life, Connectivity: HDMI 1.2, VGA in, Inbuilt media player USB Plug and play, RS232 Control, LAN, Wireless (Optional), Audio I/O

SL	Description	HSN Code	Qty	Rate	Amount
	Painting: The tower shall be provided two coats of each of primer and painting with equal alternate bands of international orange and white colors as per Civil Aviation Regulations.				
8.	Transportation charges	8704	Lump sum		25,000
Total of 'A' without GST					849,715
B. Studio equipments					
1.	Analog/Digital audio Mixer: Standard 16 channel, Live broadcast mixer with linear fader, master output, PFL, Two master output, auxiliary output with effect mix and USB IN and Out etc for <u>studio recording</u> purposes.	8543	1	35,000	35,000
2.	Analog/Digital audio Mixer: Standard 12 channel Live broadcast mixer with linear fader, master output, PFL, Two master output, auxiliary output with effect mix and USB IN/Out etc in the <u>Transmission Studio</u> for broadcasting.	8543	1	12,000	12,000
3.	Dynamic Cardioid wired microphone.	8518	8	2,400	19,200
4.	Digital Telephone Hybrid based on DSP technology for providing best isolation between send and receive.	8517	1	38,380	38,380
5.	4 channel, Headphone distribution amplifier.	8518	2	3,240	6,480
6.	Professional quality head phone for monitoring	8518	4	1,500	6,000
7.	Powered field monitor speaker, 25 Watt, full range	8518	2 pairs	9,100	18,200
8.	Professional powered studio Monitor, mono, floor standing, dual speaker, 8" low frequency driver and 1.5" Dome tweeter, 150 Watt, full range	8518	1	18,000	18,000
9.	Microphone stands, Floor standing, big size (925 to 1350 mm)	8518	5	1,900	9,500
10.	Microphone stands, Floor standing, small size (350 to 530 mm)	8518	5	1,000	5,000
11.	Microphone stands, Table top	8518	5	928	4,640
12.	Portable Field Recorder.	8518	2	5,990	11,980
13.	Intel Core i5-8400 Processor, 3.9 GHz, 3 MB cache, 2 cores, licensed Windows 10, Home 64, 4 GB DDR4-2400, 1 TB 7200	84715000	4	51,000	204,000



For Vign...

Director

388350

Sl.	Description	HSN Code	Qty	Rate	Amount
	rpm SATA HDD, HD Graphics 630 with keyboard. Computer monitor, make HP, Type HP V194 18.5" LED backlight Viewable Image Area 47 cm widescreen; diagonally measured Active Area (W x H) 41 x 23 cm Aspect Ratio 16:9 Viewing Angle, up to 90° horizontal/65° vertical Brightness 200 candle/square meter. The product is provided with 3 years of on-site warranty.				
14.	Installation material like XLR connectors, Connector plates, TRS plugs/sockets, adapters, sleeves, studio warning lamps, PVC conduits, screened microphone cables, etc. Includes services for laying conduits, connectorization, drawing the wiring, cabling etc. Refer to the attached work flow for the details.	8522	LS	35,000	35,000
15.	Transportation charges	8704	Lump sum	25,000	25,000
Total of 'B' without GST					448,380

C. Interiors and auxiliary facilities

1.	Acoustic wall panelling, type-I for low frequency sound absorption*: Supply, installation, testing and commissioning of [SITC] of low frequency sound absorption air cavity panels up to a height of 1.2 meters from the ground level. Fabricated using 4 mm thick veneer of one side teak (OST) sheet supported by 6mm thick marine grade ply and over the GI frame work and studs to form uniform sections up to a height of 15 cm from the finished floor level. Item also includes 0.15 meters height teak wood skirting and 5 cms height of beading. Finally the veneer panelling, skirting and beading surface will be finished by melamine polishing. The rate includes loading, unloading, lead etc. Please refer to the attached floor plan and drawings.	68080000	60 mtr ²	5,000	300,000
2.	Acoustic wall panelling, type-II for mid/high frequency sound absorption*: SITC of acoustic paneling finished with good looking fabric and provided with wooden beading and floor skirting for cabling purpose. Please refer to the attached floor plan and drawings.	68080000	50 mtr ²	4,000	200,000
3.	Acoustic false ceiling: SITC of True	68080000	70	2,900	203,000



For Varpas Media Technologies Pvt. Ltd.

Director

I copy

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Varpas Media Technologies Pvt Ltd

First floor, 301,
10th Main, III Block, Jayanagar,
Bengaluru, 560011

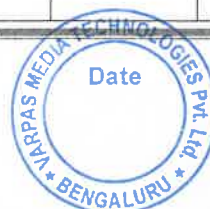
TAX INVOICE

Our Invoice number: VMT/BEC/Tax Invoice/36	Dated: 21 st February 2019
Client: Principal, Basaveshwar Engineering College, Bagalkot.	
Purchase order number: BEC/BGK/DVP/CRS/1293/2018-19 dated 31 st January 2019	
Client's GST number:	

SL	Description	HSN Code	Qty	Rate	Amount
A. Transmission equipment					
1.	Broadcast antenna: VHF band II, vertically polarized, 2 bays, 3 dB gain, nominally omni directional, side mounted, folded dipole with following specification: a. Frequency: 88 to 108 MHz and fine tuned to the station frequency. b. Tuned band width: 20 MHz c. Beam width V: 80° d. Beam width H: 220° e. Pattern: Offset circular f. Gain: 3.1 dB (4.9 dBd) g. Operating VSWR: <1.5:1 h. Weight: 25 KG i. Array length: 5,000 mm j. Aperture: 3100 mm k. Spacing: 1.0 λ l. Boom length: 1200 mm m. Boom diameter: 40 mm n. Connector: N, female o. Impedance: 50 Ω p. Power rating: 1 kW continuous q. Lightning protection: DC grounded r. Material: Antenna is made of copper and boom is made from SS.	8529	1	110,000	110,000
2.	RF change over switch with RF/Audio patch bay	8529	1	85,000	85,000
3.	16U rack with power supply distribution strip, cable manager, front glass door, mounting hardware, exhaust fan etc for	85381010	1	14,000	14,000

For Varpas Media Technologies Pvt. Ltd.

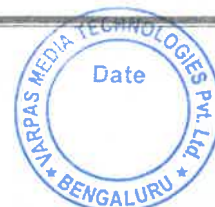
Director



SL	Description	HSN Code	Qty	Rate	Amount
	installing the FM transmitters, RF change over switch and Broadcast Processor/Streamer.				
4.	RF Dummy load, 100 Watt, 50 Ω	85177090	1	12,000	12,000
5.	Low loss, RF Co-axial cable, 5/8" diameter, foam filled, with crimped N connectors on both sides.	85442010	50 meters	714.30 71.43	35,715
6.	Internet radio broadcast equipment consisting of audio streaming hardware which includes 10 band audio Broadcast processor, application software like web player, web page design and Electronic programming guide (EPG) etc and development of customized App for Android Mobile with one year CDN hosting charges on Amazon.	85255030	1	198,000	198,000
7.	<p>Lattice structured self supporting tower: Tower of 30 meter height fabricated by galvanized GI pipes and sections along with base plate. The work includes supply, erection, painting, hoisting of the antenna, coaxial cable, testing etc., The detailed specification of the tower is as follows:</p> <p>Construction details: Steel members and section used in the fabrication are hot dip galvanized to a thickness of 60 to 80 microns, conforming to IS: 2629 for tower members IS: 1367 for fasteners and IS: 1573 for washers. Assembly of all tower members and other structures on tower shall be by means of hexagonal nuts and bolts along with locking nuts. Minimum thickness of members should be 4 mm.</p> <p>Lightning protection: The tower will be provided with a suitably designed system of lightening protection in accordance with the provision of IS: 2309/1969. Braided copper wire will be provided for Lightning Arrestor from top of the tower to the nearest earth pit.</p> <p>Antenna hoisting arrangement: Provision for fixing 100 mm dia N.B. supporting seamless GI pipe of 8 meter length for side mounting VHF FM Pole type Antenna shall be made on three faces of the tower.</p>	73089090	1	370,000	370,000

For Varpas Media Technologies Pvt. Ltd.

Director



SL	Description	HSN Code	Qty	Rate	Amount
	Painting: The tower shall be provided two coats of each of primer and painting with equal alternate bands of international orange and white colors as per Civil Aviation Regulations.				
8.	Transportation charges	8704	Lump sum		25,000
Total of 'A' without GST					849,715
B. Studio equipments					
1.	Analog/Digital audio Mixer: Standard 16 channel, Live broadcast mixer with linear fader, master output, PFL, Two master output, auxiliary output with effect mix and USB IN and Out etc for <u>studio recording</u> purposes.	8543	1	35,000	35,000
2.	Analog/Digital audio Mixer: Standard 12 channel Live broadcast mixer with linear fader, master output, PFL, Two master output, auxiliary output with effect mix and USB IN/Out etc in the <u>Transmission Studio</u> for broadcasting.	8543	1	12,000	12,000
3.	Dynamic Cardioid wired microphone.	8518	8	2,400	19,200
4.	Digital Telephone Hybrid based on DSP technology for providing best isolation between send and receive.	8517	1	38,380	38,380
5.	4 channel, Headphone distribution amplifier.	8518	2	3,240	6,480
6.	Professional quality head phone for monitoring	8518	4	1,500	6,000
7.	Powered field monitor speaker, 25 Watt, full range	8518	2 pairs	9,100	18,200
8.	Professional powered studio Monitor, mono, floor standing, dual speaker, 8" low frequency driver and 1.5" Dome tweeter, 150 Watt, full range	8518	1	18,000	18,000
9.	Microphone stands, Floor standing, big size (925 to 1350 mm)	8518	5	1,900	9,500
10.	Microphone stands, Floor standing, small size (350 to 530 mm)	8518	5	1,000	5,000
11.	Microphone stands, Table top	8518	5	928	4,640
12.	Portable Field Recorder.	8518	2	5,990	11,980
13.	Intel Core i5-8400 Processor, 3.9 GHz, 3 MB cache, 2 cores, licensed Windows 10, Home 64, 4 GB DDR4-2400, 1 TB 7200	84715000	4	51,000	204,000



For Varpas Media Technologies Pvt. Ltd.

Director

SL	Description	HSN Code	Qty	Rate	Amount
	rpm SATA HDD, HD Graphics 630 with keyboard. Computer monitor, make HP, Type HP V194 18.5" LED backlight Viewable Image Area 47 cm widescreen; diagonally measured Active Area (W x H) 41 x 23 cm Aspect Ratio 16:9 Viewing Angle, up to 90° horizontal/65° vertical Brightness 200 candle/square meter. The product is provided with 3 years of on-site warranty.				
14.	Installation material like XLR connectors, Connector plates, TRS plugs/sockets, adapters, sleeves, studio warning lamps, PVC conduits, screened microphone cables, etc. Includes services for laying conduits, connectorization, drawing the wiring, cabling etc. Refer to the attached work flow for the details.	8522	LS	35,000	35,000
15.	Transportation charges	8704	Lump sum	25,000	25,000
Total of 'B' without GST					448,380

C. Interiors and auxiliary facilities

1.	Acoustic wall panelling, type-I for low frequency sound absorption*: Supply, installation, testing and commissioning of [SITC] of low frequency sound absorption air cavity panels up to a height of 1.2 meters from the ground level. Fabricated using 4 mm thick veneer of one side teak (OST) sheet supported by 6mm thick marine grade ply and over the GI frame work and studs to form uniform sections up to a height of 15 cm from the finished floor level. Item also includes 0.15 meters height teak wood skirting and 5 cms height of beading. Finally the veneer panelling, skirting and beading surface will be finished by melamine polishing. The rate includes loading, unloading, lead etc. Please refer to the attached floor plan and drawings.	68080000	60 mtr ²	5,000	300,000
2.	Acoustic wall panelling, type-II for mid/high frequency sound absorption*: SITC of acoustic paneling finished with good looking fabric and provided with wooden beading and floor skirting for cabling purpose. Please refer to the attached floor plan and drawings.	68080000	50 mtr ²	4,000	200,000
3.	Acoustic false ceiling: SITC of True	68080000	70	2,900	203,000



For Varas Media Technologies Pvt. Ltd.

Director

SL	Description	HSN Code	Qty	Rate	Amount
	suspended, horizontal, false ceiling made of 600 x 600 mm acoustic tiles of at least 0.95 NRC for Studio and transmission booth. Please refer to the attached floor plan and drawings.		mtr ²		
4.	Observation Window: SITC of observation window, constructed with double sided glass with gap in between to arrest the sound. The space between the glass will be filled with hygroscopic material for arresting condensation.	73083000	3	15,500	46,500
5.	Sound proof doors. SITC of sound proof work which includes complete with frame, heavy duty handle, heavy duty door closer which can provide sound isolation of at least 35 dB.	73083000	3	29,000	87,000
6.	Technical furniture: Fabrication of customized tables for the transmission booth and recording studio consisting of tailor made table, key board trays, Round table for discussion in the studios as per the attached floor plan. Please refer to the attached floor plan and drawings.	73083000	Lump sum	70,000	70,000
7.	On-line UPS System. SITC of Single Phase input and single phase output, 3 KVA / 72 VDC type, using 6 numbers of 12V 28 AH SMF batteries to provide 25-30 minutes of backup with battery tray and cables.	8504	1	45,685	45,685
8.	Ceiling mount LED luminaries: SITC of luminaries of the size 600x600 mm, flat panel type for installing in the false ceiling including connection and testing etc. The luminaries are White powder coated CRCA housing with high power LEDs of 36Watts. <u>The equipment carries onsite warranty of two years.</u> The cost includes, associated wiring to the nearest DB, installation etc.	94051090	10	3,500	35,000
9.	Electric distribution board: SITC of 3 phase, 10 KVA capacity, with copper bus bar, 8 numbers of MCBs, indication, switches etc for distribution enclosed in sheet metal enclosure with terminal etc.	85369090	1	20,000	20,000
10.	Copper plate earth pits. SITC of copper plate will be 600 x 600 mm and of 5 mm thickness. The copper conductor will be 12 gauze, insulated multi-strand copper cable from the earth pit to the control room. The earth pit will be constructed to meet IS standard 3043 - Code for the earthing practice. The	68101190	4	20,000	80,000



For Varpas Media Technologies Pvt. Ltd.

For Varpas Media Technologies Pvt. Ltd.

Director
Director

SL	Description	HSN Code	Qty	Rate	Amount
	electrode of the pit will be connected to the control room's earth terminal with copper conductor of 8 SWG multi stranded insulated copper cable. All joints and connections will be brazed with gas torch for proper connectivity.				
11.	Transportation charges	8704	Lump sum		40,000
Total of 'C' without GST					1,127,185
D. Consultation and service charges					
1.	Charges for providing services like supervision and coordination for the entire project, providing drawings for the electrical and civil modification, one full day training on operation and maintenance of all the equipment and field strength measurement and field trails. Including one year on-site charges	99831	1	1,50,000	1,50,000
Total of A+B+C+D without GST					2,575,280
Negotiated discount @ 5%					128,764
Grand total without GST					2,446,516
SGST @ 9% on the Grand total					220,186
CGST @ 9% on the Grand total					220,186
Total invoiced amount with GST					2,886,888

(Grand total: Twenty eight lakhs, eighty six thousand, eight hundred and eighty eight only)

Our TIN NUMBER: 297-211-880-60

Our GST number: 29AA-ECV-7008-C1ZF

Bank account details

Banker: State Bank of India

Branch: ~~BTM IV STAGE, Bengaluru~~

Account holder's name: VARPAS MEDIA TECHNOLOGIES PRIVATE LTD

Bank Account number: 00000-038106-163443

Account type: Current

IFSC code: SBIN0014512 0018346

AREEF AREEKERE Branch, Bengaluru

For Varpas Media Technologies Pvt. Ltd.

Director

R.Narasimha Swamy

Director

Varpas Media Technologies Pvt Ltd,

varpasmedia@gmail.com

98801-97441/87628-92954




For Varpas Media Technologies Pvt. Ltd.

Director

RECEIVED THE MATERIALS MENTIONED IN
THE BILL IN GOVT. CONDITION. THE
MATERIALS SUPPLIED BY THE FIRM ARE AS
PER TERMS & CONDITIONS OF THE PURCHASE
THE MATERIALS ARE TAKEN IN TO STOCK
AND ISSUE REGISTER PAGE NO. 1 to 10.

CRS. stock register 2018-19


Ch. G. Sheepparamatti


PRINCIPAL,
BEC, BAGALKOT.



MARK INTEGRATION & TECHNOLOGY SOLUTIONS LLP

GSTIN No.: 07AAYFM1016G1Z8
 STATE: DELHI
 STATE CODE: 07
 PAN No.: AAYFM1016G

ORIGINAL FOR RECIEPIENT
 DUPLICATE FOR TRANSPORTER
 TRIPLICATE FOR SUPPLIER
 EXTRA COPY

TAX INVOICE

Mark Integration & Technology Solutions LLP
 205, Vardhman Sunrise Plaza,
 1-Local Shopping Centre,
 Vasundhara Enclave,
 New Delhi-110096
 Tel:+91-11-42747432; Mob.:+91-9968296792
 E-mail: support@markintech.com
 Website: www.markintech.com

GST Invoice No. **Mark/BEC/25/2018-2019**
 Invoice Date **20.3.2019**
 Customer PO Ref.no. Varpas/BEC/4 dtd.4th Feb,2019
 Mode of Transport By speed post
 Vehicle No. NA

Billed To:
 Basaveshwara Engg. College,
 Bagalakot
 Karnataka-587102
 GSTIN:NA
 Kind Attention: Dr.Basavaprabhu
 Sheeparamatti Mob: 94487-89302

State	State Code
Karnataka	29

Ship To:
 Basaveshwara Engg. College,
 Bagalakot
 Karnataka-587102
 GSTIN:NA
 Kind Attention: Dr.Basavaprabhu Sheeparamatti Mob: 94487-89302

State	State Code
Karnataka	29

Payment Terms: 100% against this invoice

S/NO.	Description of Goods	HSN Code	Qty.	UO M	Rate	Taxable Amount	Rate of CGST	CGST Amount	Rate of SGST	SGST Amount	Rate of IGST	IGST Amount
1.	50 W FM Transmitter Make-MARK Model-Melody M50 Sr. No. 190303 & 190304	8525	2	Nos.	1,42,500	2,85,000					18%	51,300
						2,85,000						51,300

Amount of Tax subject to Reversal

Taxable Amount 2,85,000.00

Name of Account Holder-M/s Mark Integration & Technology Solutions LLP
Name of the Bank- Corporation Bank,
Address- Vasundhara Enclave, Plot No. 3 LSC II, New Delhi-110096(INDIA),
Account No. -510101005293846, Type of Account- Current Account(CBCA)
IFSC Code-CORP0000563, MICR Code- 110017038, SWIFT Code-CORPINBB606

CGST -
 SGST -
 IGST 51,300.00
 Total 3,36,300.00

Invoice Total in Words:

Rupees Three Lakhs Thirty Six Thousand And Three Hundred Only

Round off 3,36,300
 Invoice Total 3,36,300

Terms & Conditions: E & OE

1. Goods once sold are not taken back or exchanged.
2. Interest @ 24% p.a. will be charged if the payment is not received as per payment terms.
3. All disputes are subject to Delhi Jurisdiction Only.
4. Our responsibility ceases on customer's collection of material or delivery to carriers.
5. Cheque return charges will be Rs.1000/- per return.
6. Guarantee/Warranty: One year from date of delivery/installation whichever is earlier. In case of any issues with equipment during guarantee period, on our advice the customer will return the equipment at our address above alongwith all accessories freight paid, securely packed in it's original packing to withstand transit hazards. We shall return the equipment after repairs to the customer freight paid.

FOR Mark Integration & Technology Solutions LLP

Jah J
HARKESH GUPTA
PARTNER
Mark Integration & Technology Solutions LLP
Unit No.-205, 2nd Floor, Vardhman Sunrise Plaza
 Signature: 1-L.S.C., Vasundhara Enclave, Delhi-110096
 Name:
 Designation:

Original bill sent for subsidy to MIB.

B.R. Badiger 11-02-22
 (Bharath-B. Badiger)

LLPIN : AAC-0076

205, Vardhman Sunrise Plaza, 1-Local Shopping Centre, Vasundhara Enclave, New Delhi-110096 (INDIA)

Phone : +91 11 42747432 Email : info@markintech.com, support@markintech.com Website : www.markintech.com

TAX INVOICE

Client Copy

Reidus Technologies Pvt. Ltd. # F354, Dwarakavasa Road, 7th Main Bharath Nagar 1st Stage Bangalore - 560091 Mbl : 9900947781 Mail ID: harshal@reidus.in		Invoice No: RTPL/BEC/LCS/207		Date : 2/5/2019		
		End User Details BEC BAGALKOT		Mode of Payment : RTGS / Cheque		
		Delivery Challan No. RTPL/BEC/110319		Date : 11th March 2019		
Bill To Basaveshwar Engineering College S. Nijalinappa Vidyanagar Bagalkot 587102 Karnataka		Date 19 / Jan / 2019		Buyers Order No. TEQIP-III /2018 / becg / Shopping / 12		
		Dispatched through: By Surface		Destination: Bagalkot		
GSTIN - NA PAN - NA		Contact Person Dr. B. F. Ronad Contact Number 9449760427				
Sl no	Description of Goods	Model	HSN / SAC	Unit Cost	Qty	Amount
1	Lecture Capture Facility					
	Dahua Camera Set	DH-IPC-HF5231EP	85258090			
	Camera Lens Set		90021100			
	Camera Safety Materials		72161000			
	RCA Cable		85447090			
	PoE Injector, Switch and Accessories		85176290			
	Audio Integration		85183000			
	Raspberry PI Set - Misc Items		84713090			
	Pen Drive & SD Card - Misc Items		85235100	423,729.00	4	1,694,916.00
	Screen Capture Device		85437099			
	Server and Accessories		8473			
	Spike Guard		85363000			
	Patch Cable		85444992			
	Rack		8517			
	Installation & Integration		998739			
	Software Services		9973			
2	Projector (Type A) Epson	EB-2247U	9007	114,000.00	1	114,000.00
3	Projector (Type B) Casio	XJ-F20XN	9007	80,468.00	4	321,872.00
Lecture Capture Facility : Dahua Camera Serial No: 4J07327PAG405AF / 4J07327PAG9D2EB / 4J07327PAG73995 / 4J07327PAG08460 Projector : Casio Serial No. : A997EDBY8B - 419653 / A997EDBY8B - 419171 / A997EDBY8B - 411813 / A997EDBY8B - 422646 Epson Serial No: X52L8X00021			Serial No. 1	CGST	9%	152,542.44
				SGST	9%	152,542.44
			Serial No. 2 & 3	CGST	14%	61,022.08
				SGST	14%	61,022.08
				Total		2,557,917.04
				Round up		0.00
				Grand Total		2,557,917
Amount Chargeable (in Words) : Twenty Five Lakhs Fifty Seven Thousand Nine Hundred Seventeen Rupees Only						
Company's GSTIN Company's PAN Company's CIN Company's TAN State Code		29AAHCR6561P1ZH AAHCR6561P U72200KA2016PTC086616 BLRR14299F 29				
Terms & Conditions : 1 All the disputes are subjected to the Bangalore Jurisdiction only. 2 Cheque's / DD's / RTGS in favour of " REIDUS TECHNOLOGIES PVT. LTD." 3 Bank Details : State Bank of India / Bharath Nagar Branch / Account no. - 356 375 843 24 / IFSC code - SBIN0005198 / Bangalore - 560091						
				For Reidus Technologies Pvt. Ltd. Authorized Signatory.		

Received Goods in good Condition

stock Register Name: Fixed Asset

Register TEQ IP-II, Page No: 10

SL No: 09 Date: 21/5/19


Nodal Officer
Procurement


Program
Co-ordinator

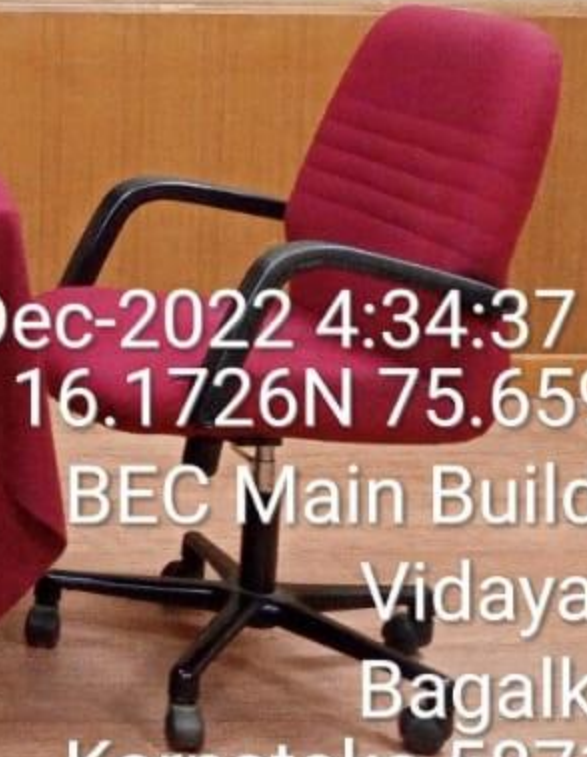

Principal

27

EDITING ROOM



05-Dec-2022 4:35:05 pm
16.1726N 75.6595E
BEC Main Building
Vidayagiri
Bagalkote
Karnataka 587102
India



05-Dec-2022 4:34:37 pm
16.1726N 75.6595E
BEC Main Building
Vidayagiri
Bagalkote
Karnataka 587102
India



05-Dec-2022 4:34:14 pm
16.1726N 75.6595E
BEC Main Building
Vidayagiri
Bagalkote
Karnataka 587102
India



05-Dec-2022 4:34:05 pm
16.1726N 75.6595E
BEC Main Building
Vidayagiri
Bagalkote
Karnataka 587102
India