



ASGHAR ALI STAMP VENDOR
 Licence No. 19, Seat No. 58, City Court Karachi
 S. No. 18732 DATE
 ISSUED TO WITH AMOUNT
 THROUGH WITH AMOUNT
 PURPOSE
 VALUE
 STAMP VENDOR'S SIGNATURE

CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made at Karachi on the **12 April 2016** between:

INSTITUTE OF BUSINESS ADMINISTRATION KARACHI (IBA), having its Main Campus at University Road, Karachi, Pakistan (hereafter called the "Employer") of the one part;

and

[ABM DATA SYSTEMS (PVT) LTD], a company incorporated in Pakistan and having its principal offices at [Safety pride, CL-7/18/16, Opp. F.G. Public School Dr. Daud Pota Road, Karachi-74400 Pakistan] (hereafter called the "Contractor") of the other part.

WHEREAS the Employer is desirous that certain Works (Supply of ORIGINAL EPOSN MULTIMEDIA PROJECTORS) should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works/Supplies and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.

The following documents, listed in their priority order, after incorporating addenda, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement, viz:

- a) The Contract Agreement;
- b) The letter of Acceptance
- c) The completed Form of Bid; Attached
- d) The General Conditions – already available in the SDD; attached
- e) The priced Bill of Quantities

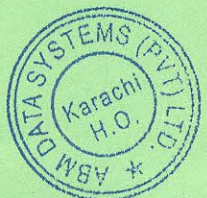
3. In consideration of the sums to be paid by the Employer to the Contractor as mentioned in the Contract Documents, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects with the provisions of the Contract.



4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract price or such other sum as may become payable under the provisions of the Contract at the times and in the manner specified in the Contract.
5. The Contract sum for the Works ("Contract Price") is **2,683,200/- two million six hundred eighty-three thousand two hundred (C&F)** of Quantity as mention in the tender 25 +1 Multimedia projectors IT/96/2015-16.

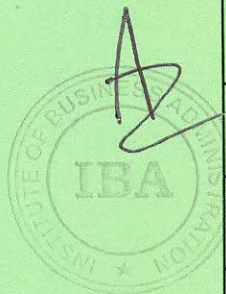
Other Terms & Conditions:

1. Material of this order is subject to final inspection at the time of delivery.
2. We reserve the right to cancel any or all the above items if material is not in accordance with our specification or if the delivery is delayed.
3. Payment will be made through crossed cheque after the receipt of the bill and delivery of the above item.
4. General Sales Tax will be paid on applicable items only.
5. Competent Authority reserves the right to change / alter / remove any item or article or reduce / enhance quantity without assigning any reason.
6. No increase in the value of above mentioned items will be accepted on account of either unit price, total price, any and all other charges, duties, taxes, scope of supply and / or any other head of account shall not be allowed.
7. In case of any increase in taxes, the IBA would be consider in favor of ABM. If any tax is reduced, the ABM should pass its benefit to IBA.
8. Invoice / bill should be submitted to Finance Department. Along with all custom related documents.
9. Advance Payment subject to Bank Guarantee.
10. Warranty : STD 3 year comprehensive except consumables items
11. Submit the security deposit of a sum of 5% of the total purchase value in Finance Dept.
12. Preventative Services allowed as and when required bases by IBA Karachi
13. Delivery Time is of 12 weeks from the signing & acceptance of this agreement by the vendor.
14. Penalty at the rate of 2% per month of the total contract amount will be imposed on delayed delivery or work but not exceed from 10% of the total contract value.

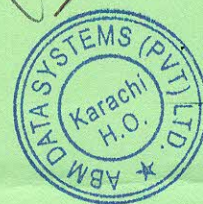
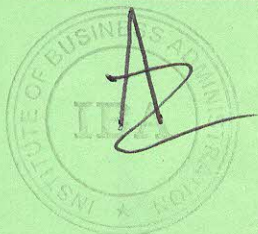


Specification (Normal MMP)

PRODUCT NAME	Epson EB-965H
WHAT'S IN THE BOX	
	1.8m Computer Cable, 1.8m power cable Remote Control, Batteries x 2, Projector Software Ver. 1.02b (CD ROM), Password Protect Sticker, Manual
TECHNOLOGY	
Projection System	Epson 3LCD, 3-chip technology
LCD Panel	0.63-inch with MLA (D7)
OPTICAL	
Zoom	1 - 1.6
Screen Size	30" to 300"
Projection Distance	60" screen 1.69 m
Throw Ratio	1.38 (Zoom: Wide), 2.24 (Zoom: Tele)
Projection Lens F Number	1.51 - 1.99
Projection Lens Focal Length	18.2 mm - 29.2 mm
Focus Method	Manual
Offset	8.6:1
IMAGE	
Colour Light Output	3,500 Lumens
White Light Output	3,500 Lumens
Resolution	XGA
Native Aspect Ratio	4:3
Contrast Ratio	10,000:1
Lamp Hours	Normal/Eco: 5,000 Hours/10,000 Hours
Lamp Type	200W UHE
Keystone Correction	Vertical: -30 to +30 degrees Horizontal: -30 to +30 degrees
Auto Keystone Correction	Yes
Horizontal Slide Keystone Correction	Yes
Split Screen	Yes
CONNECTIVITY	
Input: Video	1 x RCA (Yellow), 1 x S-Video, 2 x Component (via D-sub 15-pin)
Input: Computer	2 x D-sub 15-Pin (RGB), 1 x USB 2.0 type B
Input: USB Memory Device	USB Type A Ver.2.0
Input: Three-In-One USB Display	1 x USB 2.0 type B
Input: Digital	2 x HDMI (1 x MHL)
Input: Audio	1 x RCA (Red/White), 2 x Stereo mini jack



Input: Control	1 x USB 2.0 type B, RS232C
Input: Epson USB Document Camera	1 x USB 2.0 type B
Network I/O:	1 x RJ45 (100Mbps)
Wireless Connectivity	Optional Accessory(ELP-AP07)
Output: Video	D-sub 15 pin (black molding)
Output: Audio	Stereo mini jack x 1
Speaker Output	16W
ADVANCED FEATURES	
EasyMP Network & Control	Yes (with optional Wireless LAN Unit)
EasyMP Network Projection	Yes (with optional Wireless LAN Unit)
PC Free Presentations	Photo / Motion JPEG
USB Plug 'n Play	Yes
Projector Control	Control 4, AMX, Crestron, Extron
AV Mute Slide	Yes
Instant Off	Yes
Direct Power On/Off	Yes
Security	Kensington®-style lock provision Padlock Security cable hole Wireless LAN Unit Lock Password protect function
Colour Modes	Dynamic, Theatre
GENERAL	
Lamp Warranty	1 year
Projector Warranty	3 years' comprehensive (parts & labour)
Power Consumption: Lamp on	Normal/Eco: 287/215W
Power Consumption: Standby	0.26W (communication off)
Noise Level	Normal/Eco: 37/29dB
Quantity	
# of units required	25 (twenty five only)

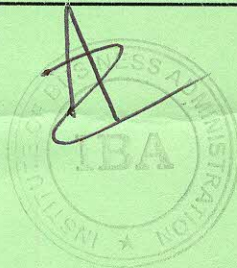
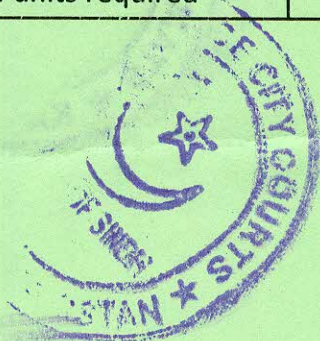


Specification (Interactive MMP)

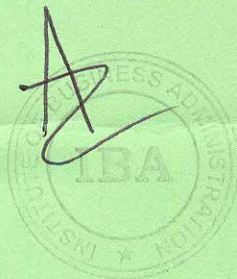
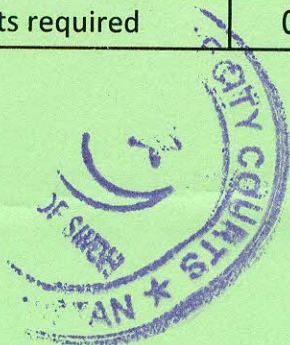
PRODUCT NAME	Epson EB-595Wi
TECHNOLOGY	
Projection Technology	Epson 3LCD, 3-chip technology
Projection System	RGB liquid crystal shutter projection system
LCD Panel	0.59-inch with MLA
OPTICAL	
Zoom Ratio	1.0 - 1.35 (Digital Zoom)
Screen Size (Projection Distance)	60" to 100" [34.8 to 59.7cm] 74.3" screen 43.8 cm
Throw Ratio	0.27 (Zoom:Wide) 0.37 (Zoom:Tele)
Projection Lens Type	No Optical Zoom / Focus (Manual)
Projection Lens F Number	1.80
Projection Lens Focal Length	3.71mm
Focus Method	Manual Focus
Offset	6.0:-1
IMAGE	
White Light Output	3,300 lumens
Colour Light Output	3,300 lumens
Resolution	WXGA
Native Aspect Ratio	16:10
Contrast Ratio	10,000:1
Keystone Correction	Vertical: -3 to +3 degrees Horizontal: -3 to +3 degrees
Colour Reproduction	Up to 1.07 billion colours
Colour Processing	10 bit
CONNECTIVITY	
Video I/O - Input	Analog: 2x RGB D-sub 15pin *Computer 2 in common with Monitor Out 1x RCA Composite 1x Min DIN 4pin S-Video
Video I/O - Output	Analog: 1x RGB D-sub 15pin *In common with Computer 2 input. Output signal: Computer 1 only
Digital Input	Digital: 2x HDMI (1 supports MHL)
Audio I/O - Input	3x Stereo mini
Audio I/O - Output	1x Stereo mini
Mic I/O - Input	1x Stereo mini
Control I/O	1x RS-232C D-sub 9pin Interactive sync stereo mini - 1x In, 1x out Touch Unit control - 1x Min DIN 8pin
USB I/O	1x USB Type A (for USB Memory, USB Document Camera,

	Firmware update, Copy OSD settings) 1x USB Type B (for USB display, mouse, K/B, Control, Firmware update, Copy OSD settings)
Network I/O:	1x RJ45 (100Mbps) Wired LAN 1x USB Type A (for Optional ELPAP07 LAN unit)
Wireless Connectivity	Optional ELPAP07 Wireless LAN unit
Speaker Output	Monaural: 16 W x 1
ADVANCED FEATURES	
EasyMP Network Projector control and projector management via network	Yes
EasyMP Network Projection	Yes
EasyMP Network Multi PC Projection	Yes
Message Broadcasting	Yes
Easy Interactive Function	Supported screen size - 60"-100" Technology - Infrared Input devices: Digital Pen (Easy Interactive Pen 1,2), Finger (1-6 fingers) Calibration: Pen: Auto / Manual (25points), Finger: Manual (16 points)
Finger Interactive Unit	Dimension: 210x95x51mm, Weight: 450g, Technology: Infrared laser (class 1), Adjustment: Yes (manual), Control I/O: 1x Min DIN 8pin, Security: Kensington® - lock provision
PC Interactive Tool	Multiple pen/finger support: Yes (with Easy Interactive Tools Ver.3.0) Easy Interactive Pen: Up to 2. Finger: Up to 6.
PC Free Annotation Tool	Multi-pen support: Yes Easy Interactive Pen: Up to 2. Finger: Up to 2. Whiteboard function
Firmware update	Network via LAN cable, USB A via USB thumb drive, USB B via USB cable
Copy OSD settings	Network via LAN cable, USB A via USB thumb drive, USB B via USB cable
Quick Wireless Connection	Yes
Wireless LAN Security	WPA/WPA2-Personal (with optional Wireless LAN Unit)
Instant Off	Yes
Direct Power On	Yes
Security	* Kensington® - lock provision * Padlock & Security cable hole * Wireless LAN unit lock * Password protect function (Power On, Network,

	Protection of User logo)
Colour Modes	Dynamic, Theatre
Integrated Mount included	Yes
GENERAL	
Lamp Warranty	1 year
Projector Warranty	3 years' comprehensive (parts & labour)
Lamp Hours	4,000 hours (Normal) 6,000 hours (ECO)
Lamp Type	245W UHE
Power Consumption: Lamp On	358W (Normal) 270W (ECO)
Power Consumption: Networked Standby	4.3W
Power Consumption: Energy Saving	0.44W
Air Filter maintenance cycle	up to 5000 hours
Fan Noise Level	Power consumption Normal: 35dB Power consumption ECO: 28dB
WHAT'S IN THE BOX	
Power Cable	Yes 5M
USB Cable	Yes 5M
Password Protect sticker	YES
Remote Control	YES
Battery for Remote Control	AA x 2
Setting Plate	YES
Easy Interactive Pen	2 Pens
Battery for Easy Interactive Pen	AA x 2
Pen Tray	YES
Light Curtain Finger Touch Unit	YES
IR deflector	YES
Quantity	
# of units required	01 (one only)



	Protection of User logo)
Colour Modes	Dynamic, Theatre
Integrated Mount included	Yes
GENERAL	
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WHAT'S IN THE BOX	
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Password Protect sticker	YES
Remote Control	YES
Battery for Remote Control	AA x 2
Setting Plate	YES
Easy Interactive Pen	2 Pens
Battery for Easy Interactive Pen	AA x 2
Pen Tray	YES
Light Curtain Finger Touch Unit	YES
IR deflector	YES
Quantity	
# of units required	01 (one only)



IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature and seal of the Contactor

ABM DATA SYSTEMS (PVT) LIMITED



Signed, Sealed and Delivered in the presence of:

Witness:

Zeshan Azeem *[Signature]*

(Name, Title and Address)

42101-0939286-3

Signature and seal of Employer

INSTITUTE OF BUSINESS ADMINISTRATION KARACHI

21/04/2016

Witness:

[Signature]
ABDUL QADIR
Network Manager

(Name, Title and Address)

42301-0936237-1