Annexure E

Equipment Specification Compliance Form

For

Display Technologies

NOTE: The minimum specifications below are to be complied with in terms of hardware supply. The supply portion in the scope of works is related to the FIDS specification below. All other specifications below will be required as and when needed in terms of replacement of current display failures, or by ACSA's discretion.

FIDS (Flight Information Display System) Specification

Components	Screen Type	Comply\ Non-Comply	Reference in Document
Screen size	40" 42" 46" 50" 55" 60" (3-inch tolerance accepted)		
Resolution	1,920 x 1,080		
Type	LED / LCD		
Mounting method	Flush wall mount		
Additional Features			
Operation	24 Hour Industrial Operation		
Clock On/Off Timer	Yes		
HDMI	Yes - 2 ports		
USB	Yes - 2 ports		
Built in PC	Yes		
Ethernet (LAN)	Yes, network bootable (boot from LAN)		
Bezel Type	Slim, maximum 10mm		
Front Colour	Black		
Power Supply	AC 220 - 240 V (50 / 60 Hz)		
Power Consumption (Stand-by)	< 0.3 W		
Wall Mount Support	Yes		
Universal internal pc (slots into display, not bolt on)	Intel i5 processor 120 gig SSD 1 gig Ethernet adaptor (RJ45) DDR 2 gig Video RAM 256MB Video outputs DVI\VGA\HDMI		

Components	Screen Type	Comply\ Non-Comply	Reference in Document
	USB2 x 3 Wi-Fi enabled Windows 10 and 11 capable		
Warranty			
3 Year comprehensive	Minimum		

Table 1 FIDS Specification

General Public Display Specification (Retail)

Components	Screen Type	Comply\ Non-Comply	Reference in Document
Screen size	40" 42" 46" 50" 55" 60" (3-inch tolerance accepted)		
Resolution	1,920 x 1,080		
Type	LED / LCD		
Mounting method	Flush wall mount		
Audio	Yes		
Sound Output	Yes		
Additional Features			
Operation	24 Hour Industrial Operation		
Clock On/Off Timer	Yes		
HDMI	Yes - 2 ports		
USB	Yes - 2 ports		
PC In (D-sub)	Yes		
Built in PC Slot	Yes		
Built in Media Player	Yes		
PC Audio In (Mini Jack)	Yes		
Ethernet (LAN)	Yes		
Bezel Type	Slim, maximum 10mm		
Front Colour	Black		
Power Supply	AC 220 - 240 V (50 / 60 Hz)		
Wall Mount Support	Yes		
Warranty			
3 Year comprehensive	Minimum		

Table 2 General Public Display Specification (Retail)

Television (SMART) Specification

Components	Screen Type	Comply\ Non-Comply	Reference in Document
Screen size	40" 42" 46" 50" 55" 60" (3-inch tolerance accepted)		
Resolution	1,920 x 1,080		
Type	LED / LCD		
Mounting method	Flush wall mount		
Audio	Yes		
Additional Features			
Wireless LAN Built-in	Yes		
Wireless LAN Adaptor Support	Yes		
Auto Channel Search	Yes		
Clock On/Off Timer	Yes		
DTV Tuner Built-in	Yes		
Media Player Built-in	Yes		
HDMI	Yes - 2 ports		
USB	Yes - 2 ports		
Composite In (AV)	Yes		
RF In (Terrestrial/Cable Input)	Yes		
Bezel Type	Slim		
Front Colour	Black		
Power Supply	AC 220 - 240 V (50 / 60 Hz)		
Wall Mount Support	Yes		
Warranty			
3 Year comprehensive	Minimum		

Table 3 Television Specification

LED Large Display Boards Specification (FIDS)

Components	Screen Type	Comply\ Non-Comply	Reference in Document
Screen size (physical)	3072mm x 2048mm (10cm tolerance allowed)		
Resolution	1024 x 768		
Type	LED		
Power Supply	220 VAC/50 Hz, Single phase		
Bracket\ Enclosure	Design, Manufacture, Installation		
Viewing Angle	140 Degrees		
Location	Indoor / outdoor		
Video Input	external PC provided by ACSA, to be housed in enclosure		
PC Input	DVI\ VGA\ HDMI		
Pixel Pitch	4mm Maximum		
Service/ Repairs	Front serviceable		
Frame Update Freq	60 - 85Hz		
Display Colour	16.7 million colours, Full colour		
Input resolution (from pc)	1024 x 768		
Peripherals	All scaling equipment to be included		
Enclosure Specification	Custom, as per exiting standard used at ORTIA domestic arrivals. To be demonstrated upon site visit		
Warranty			
3 Year comprehensive	Minimum		

Table 4 LED Specification

Video Wall Specification

Components	Screen Type	Comply\ Non-Comply	Reference in Document
Screen size (physical)	36" 40" 42" 46" 50" 55" 60" 65" (2-inch tolerance accepted), Ultra-Thin Bezel		
Resolution	HD		
Type	LED\ LCD		
Video Wall controller	Controller or Software solution		
Bracket\ Enclosure	Design, Manufacture, Installation		
Viewing Angle	140 Degrees		
Location	Indoor		
Viewing Distance	1m – 15m		
External PC input	Yes		
PC Input	DVI, VGA\ and HDMI		
Media Input	Multiple PC input/ Media player/ Media sever/ Media streaming via network. Content distribution and application software		
Service/ Repairs	Front serviceable		
Display Capabilities	Single view/ multiple screen views		
Display Colour	Full Colour		
Warranty			
3 Year comprehensive	Minimum		

Table 5 Video Wall Specification