

މި ލޯޓުގައި ބަޔާންކުރި ސަރވިސް ދަށުން ޖަހާނެ ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު ދަށުން ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު ދަށުން ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު

(IUL)PSM-FP/PSM/2026/98	އިޖުރާއާތުގެ ނަންބަރު :
(PROC-10-2026) BIT/2026/41	ޕްރޮސިއުޓަރުގެ ނަންބަރު :
06 ޖުލައި 2026 ގައި ވަނަ ބައިގައި 11:00 ގައި	އިޖުރާއާތުގެ ނަންބަރު ދަށުން ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު ދަށުން ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު :
ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު / ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު / ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު	އިޖުރާއާތުގެ ނަންބަރު ދަށުން ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު ދަށުން ޕްރޮޖެކްޓްތަކުގެ ނަންބަރު :

Qty	Description
1	3.91 Pixel Pitch LED Video Wall Display

SCOPE OF WORK / SERVICES

Compliance with technical specifications detailed in Annex 1

- Supply of the LED Video Wall Display system
- Minimum warranty period of one (1) year, covering parts and workmanship
- Delivery to PSM, testing, and commissioning
- System integration and functional verification
- Demonstration and handover

Eligibility and Qualification Requirements

Interested bidders must meet the following minimum requirements:

- Proven experience in supplying and installing LED video wall systems of similar scale
- Should provide after-sales support
- Valid business registration and relevant licenses
- Payment shall be made on an installment basis or agreed contractual milestones. Final payment structure will be determined during contract negotiation

Annex: 1

Minimum Technical Requirements

To ensure interoperability, serviceability, and long-term value, the procured unit must meet or exceed the following specifications:

LED Screen

Category	Minimum Requirement
Dimensions (w x h)	7500 x 3000 mm
Number of Cabinet	45 pcs

LED Controller / Scaler

Category	Minimum Requirement
Sender card	Novastar
Signal input format	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI
Operating system	Windows (2000 / XP / Vista / 7)

LED Cabinet

Category	Minimum Requirement
Receiving Card	Novastar
Dimensions (w x h)	500 x 1000 mm
Cabinet Configuration	Inter-lockable – between cabinets

LED Module

Category	Minimum Requirement
Dimensions (w x h)	250 x 250 mm
Pixel pitch	3.91 mm
LED Lamp	SMD1921
Resolution (w x h)	64 x 64
Pixel Density	65,536 /m ²
Pixel Configuration	1R, 1G, 1B

LED Module Specification

Category	Minimum Requirement
Pixel pitch	P3.91
Brightness	4500 cd/m ²
Viewing Angle	Horizontal 140 deg, Vertical 140 deg
Minimum Viewing Distance	3.91 m
Brightness Control	256 level
Gray scale	14 bit
Refresh frequency	7680 Hz
Input power frequency	50 Hertz
Input Voltage	96 ~ 242 Volt
Blind spot rate	<1/10,000
Lifetime at 50% brightness	100,000 hours
Ingress Protection	IP65
Operating temperature	30 ~ 60 °C
Operating humidity	10% ~ 90%
Control distance	CAT5 cable: <100 m; Single mode fiber: <10 km

Structure for the Screen

Category	Minimum Requirement
300 mm 3 m Truss	4 pcs
300 mm metal baseplate	400 kg – 4 pcs

Spare Parts

Qty	Category
12	Extra LED module P3.91 XCOB 250x250MM
6	Extra power supply G-energy 5V40A (220-240W)
6	Extra receive card Novastar card AT32
6	Main power cable 10M length
4	Main signal cable 10M length

