

Annex #1

1. Steel Structure Frame Specifications: -

Item	Description / Specification
Frame Material	Structural rectangular hollow steel sections (RHS) – 2” × 4” × 3 mm thickness (approx. 50 × 100 × 3 mm). Designed to support 3 rows × 6 columns of monitors (total 18 monitors).
Frame Composition	- Main Vertical Columns: 4” × 2” RHS members (100 × 50 mm) spaced to support each column of monitors. - Horizontal Cross Members: 4” × 2” RHS members forming each monitor row. - Intermediate Stiffeners: Installed between monitor units. - Bracing (Back/Top/Bottom): Diagonal bracing or flat steel straps (min. 40 × 5 mm) to ensure rigidity and prevent lateral deflection.
Connections	All joints to be bolted or welded using M10 galvanized bolts or full-penetration welds as per approved fabrication drawings.
Surface Protection	All steel members to be cleaned, primed with anti-corrosive primer, and finished with two coats of epoxy paint or powder coating.
Color Finish	Matte black or as per project requirements.

2. Video Wall Mount and Electrical Components: -

No.	Item Description	Specification / Model	Quantity
1	Pop-out Video Wall Mount	Model: HAWB046, installation for 18 monitors	18 pcs
2	Fiber Optical High-Speed HDTV Cable (8K)	Brand: ATLANTIC	1 pc
3	Electrical Flex Cable	2 × 1.5 mm ²	100 m
4	Single Plug Switch Socket with Box	High quality	20 pcs

No.	Item Description	Specification / Model	Quantity
5	Junction Box	30 × 40 cm	1 pc
6	Electrical Junction Connector	12-line connector	2 pcs
7	Electrical Circuit Breaker	32 Amp, Two-Way	1 pc

Notes and requirements

- All fabrication and installation shall comply with relevant engineering standards and safety regulations.
- Final installation will be subject to inspection and approval by the supervising engineer.