

Fabric Specifications:

Membrane shall be Preconstraint PVC/ PVDF coated with following Characteristics.

Yarn:	High Tenacity Polyester Yarn PES HT 1100 Dtex
Coated fabric Weight:	750 g/m ²
Width	267 cm
Tensile Strength Warp/ Weft:	2800/ 2800 N/ 5cm
Tear Strength Warp/ Weft:	300/ 280 N
Flame Retardancy:	Bs2d0 – EN 1350-1
Surface treatment (Top/ Back):	PVDF Alloy
Making Up	Wieldable
Total Thickness:	0.60 mm
Quality Management:	ISO 9001
Environmental Management	ISO 14021
Maximum Temperatures sustained by installed membrane: -	30°C/ + 70 °C

Fabric shall be water resistant and should not show any show of leakage during heavy rain season.

Completion period:

The completion period for the project will be 90 days from the date of issue of work order.

Time is the essence of contract. Work to be completed well within the given time. In case of any delay, penalty will be imposed as per contract condition.

1. No mobilization advance.
2. Secured advance mentioned in the contract against receipt of materials.
3. Stage running bill after completion of activity.
4. Final payment after completion of work.
5. Security deposit at 10% of value for defect liability period of 06 months.



SPECIFICATIONS

Application: MS Structure with Tensile roof covering

Building Parameters		
1	Type	Honey comb structure
2	Width x Length (m)	As per drawing (As per actual available area)
3	Height (m)	Approx 5 mt (As per the site condition)
4	Width Module	NA
5	Type of Structure	Tubular Truss type or frame type structure.
6	Bay spacing (mtr)	As per drawings
7	Type of Structure	Tubular sections TATA/Apollo or equivalent brand.
8	Type of Purlins	Tubular sections TATA/Apollo or equivalent brand.
9	HT Bolts	8.8 Grade nuts and bolts as per specification given by you
10	Roof Covering	Tensile Fabric of 750GSM
11	Cladding sheets	As applicable
12	Sky light	NA
13	Accessories .	As mentioned in description
14	Louvers	NA
15	External Staircase	NA
16	Dock doors	NA

Steel finish work

- | | |
|-----------------------|--|
| 1 Main frame sections | 2coats of Epoxy primer with 2 coats of Epoxy paint |
| 2 Secondary members | 2coats of Epoxy primer with 2 coats of Epoxy paint |
| 3 Foundation bolts | SS anchor fasteners of required size and strength. |

Applicable codes

The buildings included in this proposal are designed in accordance with the following codes:

Wind Application as per IS 875 and design according to Indian standards.

IS: 800 code of practice for use of structural steel in general building construction

IS: 816 code of practice for use of metal arc welding for general construction in mild steel.

IS: 2062 structural steel (fusion welding quality)

IS: 6227 code of practice for use of metal arc welding in tubular structure.

Design Wind Pressure: 44mtrs/sec

