

## **TENDER NOTICE**

**Mar Gregorios Higher Secondary School (MGHSS)**

**Thumpamon, Pathanamthitta - 689502**

### **NOTICE INVITING TENDER:**

Sealed competitive tenders are invited from experienced contractors/firms for the **Design, Fabrication, Supply and Erection of a Self Supported Arch Roof** at MGHSS Thumpamon for the School Assembly Hall, covering a total area of 9180 sq.ft.

### **Work Details:**

<b>Particulars</b>	<b>Specifications</b>
Area	9180 sq.ft
Span	15.00 meters
Arch Length	20.00 meters
Length	42.70 meters
Arch Rise	3.35 meters
Height of Column	6.00 mtr
Material	Pre-Painted Galvalume Coils (BMT-0.80 mm, Grade 350 MPa)
Top Coat Colour	Sky Blue

The roofing structure must be **Self-supported** and installed with intermediate columns.

### **Eligibility Criteria:**

- Valid GST Registration and PAN.
- Minimum 3 years' experience in similar arch roofing works.
- At least 5 completed works of similar nature in the last 5 years.

### **Submission Requirements:**

1. Itemized quotation with breakup of costs.
2. Technical design and layout drawing.

3. Product specification sheets.
4. Work completion schedule.
5. Compliance to IS standards declaration.
6. Technical specification, its rate, and other relevant details shall be attached in separate sheet along with tender,

**Tender Submission Details:**

- **Last Date for Submission:** 2<sup>nd</sup> May 2025 before 15:00 PM
- **Opening of Tender:** 2<sup>nd</sup> May 2025 before 15:30 PM

**Submission Address:**

**The Principal,**  
MGHSS Thumpamon,  
Pathanamthitta District, Kerala – 689502

**Contact:** +91-9447564485 / Email: mghsthumpamon@yahoo.in

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**Note:**

Tenderer shall submit the tender complete in all respect as per the Information sheet. Tender proposals received without or lesser than the required technical standards will not be considered. In the event of any date indicated above is a declared Holiday, the next working day shall become operative for the respective purpose mentioned herein. The school management reserves the right to reject any or all tenders without assigning any reason.

# TENDER DOCUMENT FOR ERECTION OF SELF SUPPORTED ARCH ROOF

**Client:**

Mar Gregorios Higher Secondary School (MGHSS), Thumpamon  
Pathanamthitta District, Kerala - 689502

**Project Title:**

**Erection of Self Supported Arch Roof – Assembly Hall**

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## 1. Project Scope

The proposed work involves the design, fabrication, supply, and erection of a Self Supported Arch Roof for the Assembly Hall of MGHSS Thumpamon. The roofing system shall be fabricated using high-strength pre-painted galvalume coils with specified dimensions and quality standards. The arch type roofing structure shall be well supported, with intermediate columns, (design and specification shall be attached along with tender) designed for maximum utility and aesthetic value.

## 2. Technical Specifications

Specification	Details
Total Roof Area	9180 sq.ft (Approx. 852.94 sq.m)
Span (Width)	15.00 meters
Arch Length	20.00 meters (including 0.90m offset both sides)
Total Length (L)	42.70 meters
Arch Rise (H)	3.35 meters
Column Height	6.00 mtr
Material	Pre-Painted Galvalume Steel Coils
Base Metal Thickness (BMT)	0.80 mm
Total Coated Thickness (TCT)	0.80 mm
Material Grade	350 MPa
Tolerance	± 0.03 mm
Top Coating Colour	Sky Blue
Coating	AZ150 (Minimum 150 gsm aluminium-zinc alloy)

## Specification

## Details

### Profile Type

Self-Supported Arch (Curved Profile)

### 3. Scope of Work (by Tenderer)

- Site Survey and Measurements Verification.
- Preparation and submission of detailed structural drawings and layout plans.
- Fabrication and Supply of arch roof panels and support systems.
- On-site erection of the arch structure.
- All safety measures, scaffolding, and required equipment for safe installation.
- Final cleaning and project handover.

### 4. Deliverables Required with Tender

1. Detailed Technical Drawing & Roof Layout Plan.
2. Structural Design Calculations.
3. Material Test Certificates.
4. Warranty details.
5. Itemized Quote including cost of:
  - Materials
  - Fabrication
  - Transportation
  - Erection
  - GST and other applicable taxes.

### 5. Timeline

- **Site Handover:** Within 7 days from LOI (Letter of Intent)
- **Completion Period:** 45 days from date of work order.
- **Warranty Period:** 2 years from date of handing over the completed project

### 6. Compliance and Standards

The tenderer must comply with IS standards relevant to the structural steelwork, fasteners, coatings, and erection work. The roofing system should be leak-proof and wind resistant as per IS 875 Part III (Wind Loads). Upon finalization, Tenderer shall enter upon in an agreement with the management wherein, the work specification, time frame, payment conditions etc shall be validated in accordance with all legal sanctities.

