



CONSTRUCTION & ESTATE MANAGEMENT DIVISION

GSTIN: 30AABAI1653D1ZF

PAN: AABAI1653D

TAN: BLRI08261B

Enquiry No: IITGOA/C&EMD/2021/010

Dt.20/04/2021

NOTICE INVITING QUOTATION

Sealed quotations are invited from approved and eligible contractors for the works "Waterproofing of the Profiled Roofing Galvalume Sheets". The methodology of the works and the schedule of quantities is stated in Annexure A. The terms & conditions of work are as stated below:

Terms & Conditions:

- 1) Validity of the quotation should be 60days.
- 2) The work should be completed within a stipulated time of 30 days from the date of release of work order.
- 3) The agency must be possessing a valid Registration Certificate (CPWD/ PWD).
- 4) All the quoted rates must be inclusive of GST.
- 5) The work shall be carried out strictly in accordance with the terms, conditions and specifications as per CPWD norms, in the approved workmanlike manner and as per standard practice.
- 6) Materials required for satisfactory completion of work shall be of approved quality, make, grade etc. and of/or confirming to the Indian Standard Specifications (Latest revision) wherever applicable and approved by the Engineer-in-charge.
- 7) The agency must make arrangement for scaffolding and other necessary equipment's at its own cost.
- 8) The agency must provide guarantee certificate of the waterproofing works for a minimum period of 5 years.
- 9) Payment will be done on satisfactory completion of the work.
- 10) For any query you may contact us on 7798673061; sankesh@iitgoa.ac.in
- 11) You are requested to send the sealed quote directly to the Chief Engineer, IIT Goa, Gec Campus, Farmagudi, Ponda, Goa- 403401 on or before 27th April 2021.

Annexure A

Methodology:

Step 1: Surface Preparation.

Step 2: Treating the screw and filling the screw thread area

Step 3: Application of Waterproofing coating

Step 1: Surface Preparation

- The substrate shall be rendered sound, free from contaminants such as fungus, algae, dust etc by removing all weak layers and cleaning the surface. The agency shall inspect and ensure that the substrate – the Galvalume sheets is free of cracks, protrusions, undulations and damage to surface integrity.
- Proper grinding of surface and cleaning to be done before the waterproofing treatment.

Step 2: Treating the screw and filling of screw thread area

- Selecting the screws which need to be given proper shape
- Cutting the screw to make it smaller for filling
- Covering the screws with construction sealant.
- Covering construction sealant with self-adhesive bituminous sealing tape after cutting them in proper shape
- Covering the gaps between the ridge portion and the galvalume sheets with thermocol. Applying construction sealant over the covered portion and then applying self-adhesive bituminous sealing tape.
- Applying construction sealant on the overlapped portion of the galvalume sheets and then covering it with self-adhesive bituminous sealing tape.

Step 3: Application of Waterproofing coating

- System Structure
Layer Thickness should be 1.2mm
- Primer – Versatile Epoxy Resin Primer
Base Coating – Acrylic based, flexible, micro fibre reinforced waterproofing and heat reflective coating system.
Top coating – Acrylic based, flexible, micro fibre reinforced waterproofing and heat reflective coating system.
- Apply the first coat of versatile epoxy resin primer
- Apply the base coat (as specified) by using a roller/ brush on the primed surface. Do not spoil the dry surface while walking on it for application.
Note: The material should be applied within 2-4 hrs of applying the epoxy resin primer.

- After 6-8 hours apply the top coat following the same above procedure. Allow the final coating to air cure.

Schedule of Quantities:

Sr.No	Item Description	Unit	Quantity	Rate	Amount
1	<p>Providing Waterproofing treatment to the Profiled Roofing Galvalume sheets. This includes cleaning of the substrate, treatment of self-drilling screws by using construction sealant followed with self-adhesive bituminous sealing tape to cover the screws and the galvalume sheets to make the sheet water tight. Providing epoxy resin primer (one coat) followed with application of base coat(Acrylic based, flexible, micro fibre reinforced waterproofing and heat reflective coating system), and then applying top coat (Acrylic based, flexible, micro fibre reinforced waterproofing and heat reflective coating system). The detail stepwise procedure is mentioned above)</p>	M2	432		