Pimpri Chinchwad Municipal Corporation, Pimpri, Pune - 18
Rate Analysis
Date - 16/08/2018 Date. 24/8/2018

Name of Work - Proposed Work at YCM hospital related to Post Graduate Institute Programme, Renovation of Neonatal Intensive Care Unit and Renovation of Doctors Residence (Section -2) PHASE II

ALUMINIUM STANDING SEAM Double SKIN ROOFING SYSTEM

Item - Supply & Fixing ALUMINIUM STANDING SEAM Double SKIN ROOFING SYSTEM:- Supply and fixing on site (Kalzip/Kingspan Rigidal/ Indalgo/Bemo or equivalent make) 65/400 Self Supported Secret Fix STANDING SEAM ROOFING SYSTEM in 0.9 mm thick and AA-3004 Aluminium Alloy comprising of the following layers :
i.Top Layer - Aluminum Profile Standing Seam 65 mm rib height and 400 mm width of Curved profiled panel as per the Roof Geometry, manufactured from Aluminum Alloy AA 3004- as specified in BS EN1396:2007, minimum material thickness of 0.9 mm in STUCCO EMBOSSED Finish. The material properties shall be as follows: Ultimate tensile strength: minimum 200 N/mm2, 0.2% Proof Stress: min 185 N/mm2, Modulus of elasticity: 70,000 N/mm2. Sheets are to be laid in Single Length to meet the requirements of the building geometry and fixed on Aluminum ST Clip which is fixed to the purlin with SS- 304 screws.
ii. Second Layer: 100mm thick Rockwool Insulation of 48 kg/m3 density
iii. Third layer: 1.6mm thick GI tophats placed over 2 mm thick GI brackets to accommodate Aluminium ST Clips
iv. Fourth layer: Vapour Control Layer -Single side Aluminium Foil up to 150 microns.
v: Fifth Layer : 0.47 mm thick Bare Galvalume liner with 150 GSM Aluzinc coating and 550 MPA yield strength
Accessories,
Aluminum ST clips -- in grade 6061- T6 , of suitable height, with spacing as required for the wind loads. Detailed structural calculations shall be provided by the manufacturer for the Clip Pull out force. Each aluminum clip shall come with a 5mm height black polyamide thermal barrier pad. Other relevant accessories like, Ridge closures, gable end channels, tolerance clips, gable end clips, foam fillers etc to be included as appropriate and wherever necessary. Corrugation cavities shall be closed off from the outside and inside of the building to ensure a tight fit leaving no gaps etc. complete, as per approved drawings and instructed by engineer in charge including transportation , loading, unloading all type of other taxes, excluding GST etc. complete.

Lowest rate from comparative statement Rs.4800/-RS.Four Thousand Eighty Hundred only. Per Sqmt.

Hence proposed rate is Rs.4800/-RS.Four Thousand Eighty Hundred only. Per Sqmt.

Junior Engineer
H Zone PCMC

Deputy Engineer
H Zone PCMC

Executive Engineer
H Zone PCMC

Rate approved Rs.4800/-RS.Four Thousand Eighty Hundred only. Per Sqmt.

City Engineer
PCMC,Pimpri - 18

EXECUTIVE ENGINEER
Ward (...)
P.C.M.C.