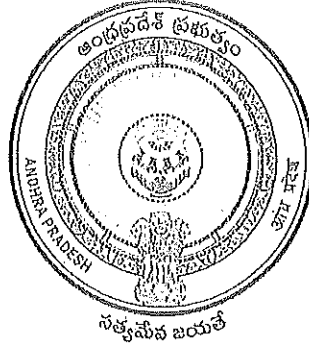


**ANDHRA PRADESH EDUCATION & WELFARE  
INFRASTRUCTURE DEVELOPMENT CORPORATION**



**AGREEMENT**

**Name of the work :** Providing Terrace /Roof slab water Proofing treatment to the Government Schools (Educational Institutions) of Guntur, Prakasam and Nellore Districts as Package-III in Andhra Pradesh

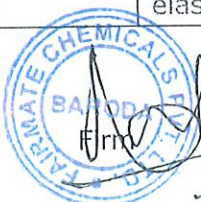
**Estimate Cost :** Rs.13.03 Crores

**Name of the Agency :** Fair Mate chemicals Pvt Ltd,  
8/1, Sai Sudha Arunodaya Society,  
Alkapuri, Vadodara – 390007  
Gujarat

**O/o The Managing Director  
APEWIDC, Vaddeswaram (V)  
Tadepally (M), Guntur District.**

**Bill of Quantities  
Schedule-A**

SI No	Qty in Sqm	Description of Item	Rate per Sqm	Unit	Amount in Rs.
1	125000	<p><b>Providing Terrace/Roof Slab Water Proofing</b></p> <p><b>Providing water proofing on Terrace/Roof Slab-</b> the slab strata's whether they are new or old must be sound clean and dry.</p> <p><b>Cleaning:</b> Cleaning the surface by wire brushing, Hammer Tapping and other mechanical procedures remove laitance, loose flaky particles, loose aggregate, de-bonded mortar, grease or old paint, dust, debris, green vegetation, fungi etc. Clean the surface with water jet and prepare the surface clean for treatment.</p> <p><b>Crack filling:</b> cut open the cracks in V groove shape and filling the crack Fibre Glass Reinforced PU Hybrid sealant [low modulus silyl terminated polyurethane sealant with Elongation at break: &gt; 350 %(ISO 8339)] a single component, moisture curing.</p> <p><b>Surface Correction:</b> Providing surface correction rectifying surface undulations/slope corrections, coving in the slab &amp; Parapet wall corners/removing the parapet wall, with Polymer (Latex) modified mortar duly providing water spouts and other arrangements ensuring the perfect water draining out from the Terrace/ Slab surface.</p> <p><b>Specialized five-layer system of waterproofing treatment to the terrace with Fiber reinforced elastomeric liquid water proofing formulated with hybrid polymers and reinforcing acrylic fibers, 5-layer system.</b></p> <p>Providing and laying five layers waterproofing cum heat reflective treatment with HYBRID Fiber reinforced elastomeric liquid water proofing</p>	Rs. 857.35	Sqm	10,71,68,750



94%@28 days.

**d) Fourth Layer** - Supply and apply of HYBRID Fiber reinforced elastomeric liquid water proofing formulated with hybrid polymers and reinforcing acrylic fibers waterproofing cum weather proof high viscous white liquid membrane Brush Bond Roof Guard (Fosroc)/ Damp Proof (Asian Paints)/ Roof Coat (Berger)/ MIXGUARD HR or equivalent @ 0.500 Kg / SQM (dilution or modification not recommended) should be complain with Density: 1.30 gm/cc , Solids content: 68% ± 2% by weight, Elongation at break ASTM D 638: 400%, Tensile strength ASTM D 412: 1.8N/mm<sup>2</sup>, Adhesion to substrate ASTM D 4541: >1 N/mm<sup>2</sup>, Water penetration DIN 1048: no leak at 7 bars (+ve side), Water vapor transmission ASTM E96: 19g/m<sup>2</sup>/day, Crack bridging ASTM C836: No cracks up to 2mm thick.

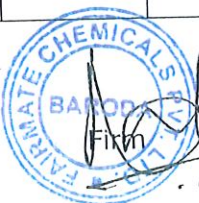
**e) Fifth Layer** - Supply and apply of fiber reinforced flexible HYBRID Fiber reinforced elastomeric liquid water proofing formulated with hybrid polymers and reinforcing acrylic fibers waterproofing cum heat reflective high viscous white liquid membrane Brush Bond Roof Guard (Fosroc)/ Damp Proof Ultra (Asian Paints)/ Roof Coat (Berger)/ MIXGUARD HRXtra or equivalent @ 0.500 Kg / SQM (dilution or modification not recommended) Density: 1.3 gm/cc.

Solids content: 68% ± 2% by weight, Elongation at break ASTM D 638: 200%, Adhesion to substrate ASTM D 4541: >1.3 N/mm<sup>2</sup>, Water penetration DIN 1048: no leak at 7 bars, Tear resistance ASTM D 1004-76: 15N/mm<sup>2</sup> , Tensile strength ATM D 412-87: 3.0N/mm<sup>2</sup>, Solar reflectance - ASTM G173 - 92 %, Water vapor transmission ASTM E 96 - 19 Kg / M<sup>2</sup> / day.

**Note:**

- 1) No dilution or modification recommended for item No.b,c,d and e.
- 2) All materials should be procured/supplied as per the consumption with respect of the work order.
- 3) The application should be carried out by OEM only.

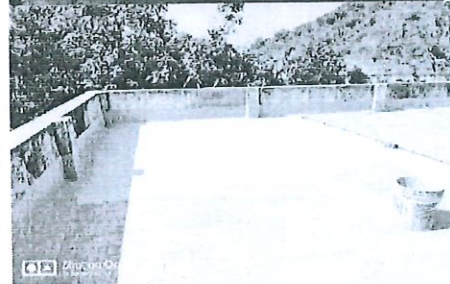
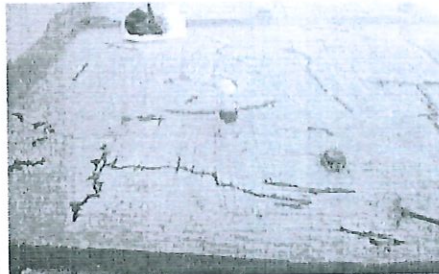
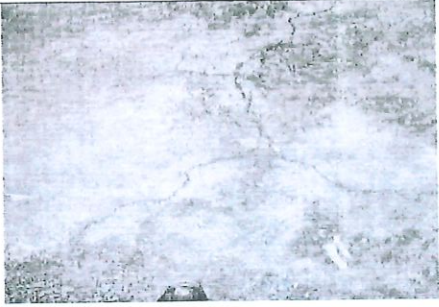
The item shall carry a Warranty period of 5 (Five) years for both material and application from the date of work Completion certification.



25

Handwritten notes and dates: 1/12/24, 9/24/24, 21

Handwritten signature: Ch. Rajeswarreddy  
Managing Director,  
APEWIDC, Vijayawada



2      25000      Providing Ceiling -Treatment of Rusted Steel & Spalled Concrete      Rs. 857.37      Sqm      2,14,34,250

Removing the loose & spalling concrete with mild hammer blows until the inside iron is exposed i.e., about 25 to 40mm depending upon the type of damage and Clean the surface by flushing water and make the surface dry.

Applying **RUST REMOVER** (Fosroc, Asian Paints, Berger equivalent Brands) with waste cloth over the exposed surface of reinforcement and leaving it as it is for specified time. Rubbing & cleaning the surface of reinforcement gently with a

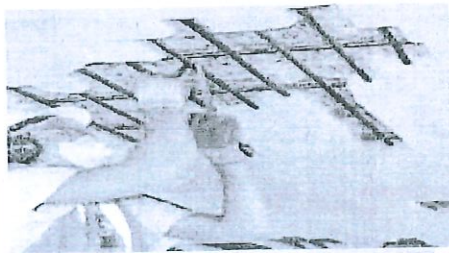
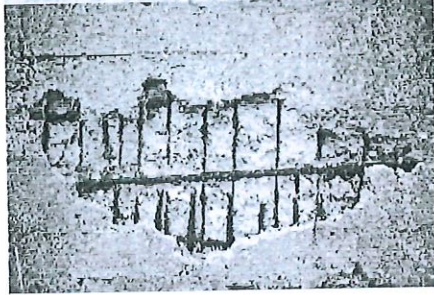
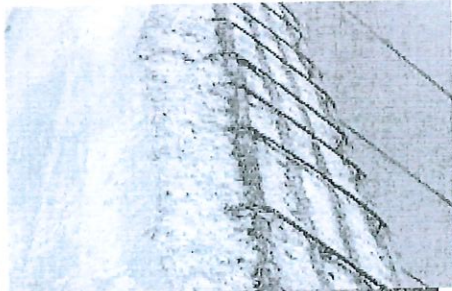
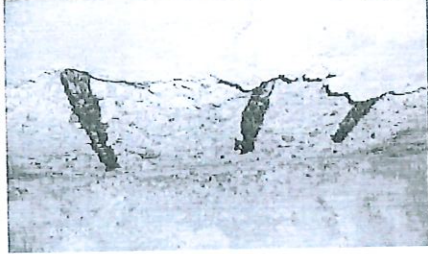
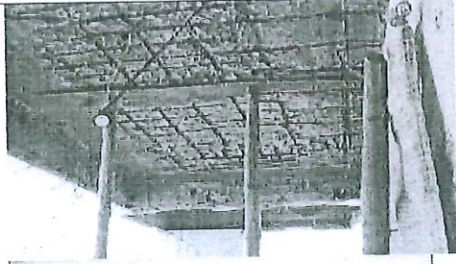


*Shubha*

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24/8/21 24/08/21

*Ch. Rajeswarreddy*  
Managing Director,  
APEWIDC, Vijayawada



*Chubhal*

Firm

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*24/08*  
*21/8/17*

*MD*  
*Ch. Rajeswarreddy*  
Managing Director,  
APEWIDC, Vijayawada