**To,**

**Elite Contractors Chennai Limited,**

**Site : Saveetha Medical College.**

**Chennai**

**Ref.: CEPL/2020-21/038**

**Date: 07th December 2020,**

**Dear Sir,**

**Sub: Waterproofing of Terrace**

We refer to the above.

Subsequent to the discussion and Site Visit, We are pleased to submit the quotation for waterproofing as per specifications enclosed.

Please do not hesitate to contact us for any further clarifications.

Assuring you of our best service and attentions at times. Look forward to receive your order at the earliest.

Thanking you,

Yours faithfully,

**For CIVITECH ENGINEERING PRIVATE LTD,**

**Mr. Subishwar Murali**

**EXECUTIVE DIRECTOR.**

**TREATMENT PROCEDURE FOR TERRACE WATERPROOFING**

**Surface Preparation**

The existing dead mortars shall be removed and the main RCC wall shall be kept exposed. All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algae growth, laitance, and all traces of mould release oils and curing compounds.

Treatment with a proprietary biocide should be carried out after the preparation, in areas where moss, algae or similar growths have occurred. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with a Fosroc polymer modified repair mortar system

**Grouting ( If Required)**

All the leaking spots and construction joints shall be treated with cementitious injection grouting using cement admixed with water @ 0.4 w/c ratio & **Cebex 100** @ 225 gms per bag of cement and injected into the concrete after drilling and fixing a nozzle of average 12mm dia pipe.

**Coving**

All the right angle junction between the wall and floors shall be coved with CM 1:3 using Nitobond SBR @ 2 litres per bag of cement after priming the area with cement slurry in the Ratio 1:1:3 (SBR : Water : Cement)

**Rain Water / Down Take Pipe Packing**

All the annular space between the concrete and down take pipe need to be properly prepared to fill non-shrink grout compound Fosroc Conbextra GP2 mixed with clean water in the ratio 0.16 after removal of loosely adhered particles and priming a coat with Nitobond SBR on the SSD condition surface.

**Fosroc Brushbond TGP Application**

Brushbond TGP shall be applied in two coats to achieve 1mm thickness. Two coats shall be applied in the regular intervals and in the perpendicular directions. The second coat of Brushbond TGP shall applied as soon as the first coat has reached touch dry state. Allow the Brushbond TGP to dry before covering with screed.

**Protective Treatment**

Brushbond TGP should be air cured for a minimum of 24 hours before placing protection. A protective layer of plastering in C.M 1:4 admixed with Conplast WL to protect the waterproofing coating.

##### QUOTATION

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **DESCRIPTION** | **Unit** | **Quantity** | **Rate** | **Amount** |
| 1 | Providing and Laying Waterproofing Treatment by applying two coats of Fosroc Brushbond TGP over the prepared surface after floor and coving with Nitobond SBR admixed with C.M 1:3. | Sqm | 3000.00 | 356.00 | 10,68,000.00 |
| 2 | Prepare surfaces and plaster with CM 1:3,12mm thick mixed with Conplast WL as per manufacturers instructions to toilet sunken portion in all floors. | Sqm | 3000.00 | 150.00 | 4,50,000.00 |
| GST @ 18 % Extra |

**GST @ 18% Extra**

**TERMS AND CONDITIONS**

1. Work shall be commenced immediate on receipt of your order confirmation along with advance payment.
2. **Payment:** We require 40% of order value as advance along with the order and the balance payment against running bills.
3. The Client shall provide Clean **water** confirming to **IS 456-2000** and **electricity** and **Cement and Sand** required for the treatment at free of cost.
4. **Godown**  facility for storing our materials shall be provided by the client.
5. Joint measurement shall be taken for the total treated area. ie. Treated floor area and the wall area up to treated portion. And this will be added in final bill.