

# R3 BUILDTECH PRIVATE LIMITED

## (Repairs, Rehabilitation & Retrofitting)

D.No.2-1-246/43/NR, Plot No 43E/P, Mamatha nagar colony, Nagole,Hyderabad, Telangana-500068Phone: 9949954566, 9985898569

### QUOTATION

Q.No:05/11/2023

Date: 27/11/2023

Place: Hyderabad

To,  
MPS Asta Consortium,  
Site : Gandhi hospital.

**Sub:- Quotation for the- Reg.** Here by we are providing the Quotation for the **Terrace & External walls Repair, Waterproofing Treatment** with mostcompetitive price for the above best suitable Waterproofing system.

### Terrace Waterproofing

S.No	Description of the work	Units Sqm	Price per Sqm	Total Rs.
	<b>Dismantling and shifting of debris to Ground Floor:</b> Dismantling the existed Concrete Screed flooring completely by using mechanical chipping machine, and shifting debris from terrace to ground floor.	2400	290	696000
	<b>Surface Preparation &amp; Cracks Treatment:</b> Prepare the surface thoroughly by cleaning and wash , removing dust, dirt, oil, grease and loose particle with high 160 bar pressure water Jet pumps. Find the cracks on rcc slab, Shrinkage and non-moving cracks should be pre-treated by cutting the crack @10mmx10mm, prepare the cracks dust free by using of wire brush& air blower, mix the two components of low viscosity epoxy epoxy resin Fosroc Conbextra EP10 two components epoxy injection grout and treat the cracks. Seal the ceacks with Fosroc Nitoseal PU 50 single-component moisture-cure, polyurethane hybrid joint sealant.	2400	195	468000
	<b>Angle fillet / taper:</b> Providing angle fillet of 75mmx75mm with polymer modified mortar in the ratio of cement: sand: aggregate in the ratio of (1:1.5:1.5) admixed with Fosroc Nitobond SBR/M-Crete PC Bond SBR @10% by the weight of cement to avoid cracking at 90° angle of RCC slab & Masonry wall joints.	750(RMT)	480	360000

	<p><b>Primer Coat:</b> Applying 1 coat of Fosroc Nitoproof WB Primer is a two component product and must be mixed &amp; applied in order to perform as specified. Transfer base and the hardener to a suitable fresh container and mix thoroughly with a slow speed mixer for 2 -3 minutes which makes the mix as a milky white paste . Add double the quantity of clean water by volume to the mix gradually under mixing which makes the mix as low viscous milky white liquid. The diluted primer should be applied at a coverage of 8-10 m2/litre, preferably using roller. The applied primer should be allowed to reach tack free condition before applying liquid applied coatings and membranes. The tack free condition of Nitoproof WB primer happens after 4-5 hours of application @ 27 deg.</p>	2400	150	326000
	<p><b>Application of 2 Coats of Pitch Free PU based Liquid applied single component elastomeric waterproofing membrane (Fosroc Nitoproof 600PF/BASF HLM5000).</b> Application of Fosroc Nitoproof 600PF/BASF HLM 5000 can be applied by brush, squeegee, roller/ suitable spray applied machine. It is applied at a minimum wet film thickness of 1.5mm in 2 coats. The second coat should be applied in perpendicular direction to the first coat.</p>	2400	1480	3552000
	<p><b>Laying 200 GSM Geotextile Fabric:</b> Laying of 200GSM geotextile cloth over the waterproof coating with overlap of 30mm at cloth joints.</p>	2400	160	384000

	<p><b>Laying of 125mm Fiber Reinforced M20 Grade Protective Concrete Screed on Terrace.</b></p> <p>Marking the levels over the waterproofing system as per the slab level towards rain outlet. Laying of M20 grade fiber reinforced concrete screed, leveling the surface as per the marked levels, providing the proper slope to rain water outlets providing the neat kalai finish polymer modified slurry. Cut the 5mmx5mm groove for every 4mtrx4mtr between 24hrs-48 hrs of concrete laying. Provide water stoppers for curing with water.</p>	2400	1650	3960000
	<p><b>Control Joints Treatment:</b> Provide the masking tape of both edges of joint, prepare the joints dust free by wire brush and air blower, seal the joints of 5mmx5mm with Fosroc Nitoseal PU50 single component polyurethane sealant by using PU Gun. Remove the masking tapes.</p>	1300 RMT	250	325000

Rs.1,00,71,000

#### External Walls Repair & Waterproofing Treatment.

	<p><b>RCC Sunshades Repairs :</b></p> <ol style="list-style-type: none"> <li>Check the damaged Rcc sunshades/projections/any plastered area damages by visual inspection &amp; fiber hammer test.</li> <li>Mark those damaged area, cut the marked area with electronic cutting machine and remove the loose concrete/plaster and expose the reinforcement.</li> <li>Apply Fosroc <b>Reebaklens RR</b> Rustremover with brush for complete wetting of rusted reinforcement and allowed to react it for 16-24 hours. After 24 hours, clean the rust with wire brush &amp; air blower.</li> <li>Wash the reinforcement thoroughly with clean water. Wire brush again to remove remaining loose material and finish by thoroughly washing down with clean water and allow to complete dry.</li> <li>Applying of <b>FOSROC Nitozinc primer</b> to exposed existed reinforcement after cleaning the Rust, an unbroken 40 microns coating</li> </ol>	1Sqm	4850	4850
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	<p>capable of provided 'active' galvanic protection for exposed reinforcement.</p> <p>f. Enhancing the bonding between Old RCC Ceiling to New Polymer Mortar with applying of SBR Based Polymer Modified Cementitious Bond coat admixed <b>FOSROC Nitobond SBR/ M-Crete PC bond SBR</b>.</p> <p>g. Providing 20mm of structural grade polymet modified mortar by <b>Fosroc Renderoc S2/M-Crete PC Mortar Ultra</b> with then <b>2<sup>nd</sup> layer of finishing will be done</b> by polymer modified mortar with cement mortar 1:3 (cement:sand) admixed <b>Fosroc Nitobond SBR/M-Crete PC bond SBR @10%</b> by the weight of cement weight and water, make the proper finish to existed wall level.</p> <p>h. Any holes will be packed with Polymer Modified Mortar (M Cere PC Mortar Ultra) prior that holes should be prepare dust free by wire brush &amp; air blower, wash the holes with clean water and maintain SSD condition.</p>			
	<p><b>External wall waterproofing.</b></p> <p>a. <b>Surface Preparation:</b> Surface must be thoroughly cleaned by using 160 bar Jet pump to clean dust, fungus, algae, grease etc. Treat any areas affected by Algae, moss or fungal growth.</p> <p>b. <b>Crack Filling:</b> The surface to be checked for cracks, cut the cracks 5mmx5mm by electronic cutting machine, clean the cracks with wire brush and air blower, seal the cracks with <b>Fosroc Nitoseal PU50 Polyurethane Sealant</b> .</p> <p>c. <b>External Wall Waterproof Coating: Priming:</b>After the proper surface preparation and curing of repaired areas wash the surface well and maintaining it in saturated surface dry condition proceed for priming using Dr. Fixit Primeseal diluted in 2:1 ratio with water (2 parts Primeseal diluted with 1 part water). Maintain the spreading rate of 8-10 sq mtr per litre for a single coat application to achieve about 20 – 25 microns DFT. Allow it to dry for 6-8 hrs.</p> <p>d. <b>COATING (2-Coats):</b> Brush apply <b>1st coat</b> of Dr. <b>Fixit Raincoat Waterproof Coating</b> without any dilution Maintain the spreading rate of 3.5-4.0 sq mtr per litre / coat application to achieve about 120-130 microns DFT. The <b>2<sup>nd</sup> coat</b> of Dr. <b>Fixit Raincoat Classic Topcoat</b> to be apply with interval of 6-8 hours without any dilution. Maintain the spreading rate of 7-8 sq mtr per litre / coat application to achieve about 50-60 microns DFT</p>	1 Sqm	780	
	<p><b>Window Frame-Wall Joints/Gaps Treatment:</b></p> <p>a. Cut the joint and make a groove of 5mmx5mm by electronic cutting machine, clean the cracks</p>	RMT	385	

	with wire brush and air blower, seal the cracks with <b>Fosroc Nitoseal PU50 Polyurethane Sealant</b>			
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- 1. The above quotation is including all materials and application.**
- 2. Mode of Payment**  
50% advance, 40% during work in progress, 10% payment after completion of work.
- 3. Client should provide the Service lift for materials lifting & Shifting.**

**For R3 Build Tech Pvt Ltd,**

Authorized Signatory

