

UNITED INDIA INSURANCE CO. LTD.

8th FLOOR , KANCHANJUNGA BUILDING , 18 BARAKHAMBA ROAD , NEW DELHI-110001.

Repair and Maintenance works at noida flats no. 113 to 118, Sector-27, Noida, UP. (12 NOS FLAT)

SN	ITEM / WORKS	SPECIFICATIONS	Units	Qty	RATES IN WORDS	RATES IN FIGURES	AMOUNT	TOTAL
NOTE:-	Addition to above the rates shall include the follows also.							
	a) Removal dismantling of all existing items and disposal of malba all leads and lift upto any							
	Rates are for working at all heights including cost of centering shuttering and scaffolding							
	Where ever basic prices are given they shall be inclusive of all taxes							
	Contractor is advised to visit the site before quoting rates.							
	The samples of all items got to be approved by Architects or UIIC before exicutions.							
A	PROPOSED CIVIL CONSTRUCTIVE WORKS							
	CIVIL WORK							
I	REMOVAL OF THE EXISTING PLASTER AND APPLY NEW PLASTER	Removing of old loose plaster in regular shape and replastering in mortar 12mm to 25mm thk 1:4 (1 cement :4 sand) 50% of river/fine sand 50% coarse sand) including mixing of admixed Dr. Fixit Pidiproof LW+. Dr. Fixit Pidifin 2K including scaffolding, etc., complete all level.	SFT	6500.00				
II	LATH PLASTER WITH CHICKEN MESH ON WALL/RCC BEAM,COLUMN	Removing of old loose plaster in regular shape and replastering with chicken wire mesh in mortar 12mm to 25mm thk 1:4 (1 cement :4 sand) 50% of river/fine sand 50% coarse sand) including mixing of admixed Dr. Fixit Pidiproof LW+. Dr. Fixit Pidifin 2K including scaffolding, etc., complete all level.	SFT	500.00				
III	Brick Work 4.5"Thick	Brick Work 4.5"Thick with F.P.S bricks of class designation 75 in foundation and plinth in Cement mortar 1:4 (1 cement : 4 coarse sand) including scaffolding, etc., complete all level.	SFT	50.00				
IV	WATER PROOFING WORKS WALL AND CEILING		SFT	1200.00				
	Water proofing treatment on the wall and ceiling	Providing and laying of water proofing on the wall and ceiling. Dr. Fixit Pidifin 2K including scaffolding, etc., complete all level.						
	METHOD OF APPLICATION							
	1 SURFACE PREPARATION	The surface of application must be thoroughly prepared by mechanical means, to remove all loose particles, laitance, etc.						
		Oil and grease, if any, must be de-greased with suitable solvents. It then must be washed off with jet of water and brought to touch dry state. Any surface undulations, cracks and crevices must be duly filled or repaired with cement sand mortar mixed with latex polymers such as Dr. Fixit Pidicrete URP / Dr. Fixit Pidicrete MPB.						
	2 Mixing	Shake the liquid component well to a homogenous milky colour						
		In a mixing vessel, slowly add the powder component in to the liquid under continuous stirring. Continue to stir thoroughly to achieve a lump free homogenous slurry.						

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	3 Application	It is important that any pipe inserts or sanitary fittings should have been fitted grouted with suitable products from the Dr. Fixit range well before taking up the application.						
		It is mandatory that all works of plumbing and sanitation must be complete before taking up application of Dr. Fixit Pidifin 2K.						
		The surface of application must be pre-wetted thoroughly with water & brought to a touch dry state. Take up the first coat application with a stiff nylon brush. Work well into the substrate, to ensure that all small undulations are completely filled with the coating.						
		6 to 8 hrs after completion of first coat, take up second coat application in a direction perpendicular to the first.						
		Complete the application and leave to air cure for 2 days. A moist hessian cloth can be kept over the coated surface to protect it from the effect of direct sunlight, in case of small open balconies or terraces, in bathrooms and internal areas. Leave the coating without water curing for 2 days at least.						
		Plasters used to re-level surfaces in bathrooms must be admixed with Dr. Fixit Pidiproof LW+. Dr. Fixit Pidifin 2K can then be applied all over. Tile adhesives can directly be used to lay tiles over Dr. Fixit Pidifin 2K, in walls.						
		If the membrane is applied in areas exposed to foot traffic, it must be protected with a screed overlaid, during the application itself.						
V	Terrace water proofing		SFT	6000.00				
	Water proofing treatment on the terrace	Waterproofing should be carried out by specialised agency with 5 years warranty . A effidevit is to be submitted.						
	METHOD OF APPLICATION							
	Description	Dr Fixit Newcoat Ezee is an elastomeric waterproof coating that provides a seamless and tough waterproof barrier with excellent crack bridging ability that can accommodate movements due to thermal variations in the waterproofing system.						
		Dr Fixit Newcoat Ezee is user friendly and easy to apply. It's a two coat system, UV resistant and needs no protective screed. No need to dismantle or remove the existing old system which may damage the mother slab. Tough and withstands normal foot traffic. Light weight and adds no extra load on the roof slab.						
	Areas of Application	}}Building Roofs / Terraces – Flat & Slope. }} Over existing cementitious waterproofing treatments like sound brick-bat coba, concrete screeds, acrylic coatings, etc						

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	Features & Benefits	<p>}}Waterproofing: Provides excellent water resistant barrier on roof / terrace</p> <p>}}Tough and abrasion resistant: Suitable for foot traffic</p> <p>}}Highly durable and light weight: UV resistant and needs no extra protective screed</p> <p>}}Flexible and elastic: Accommodates movements in waterproofing system and covers and bridges hairline cracks</p> <p>}}Easy to apply: No need to remove the existing system. Can be brush or roller applied on vertical surfaces without sagging.</p>						
	Method of Application	<p>1 SURFACE PREPARATION</p> <p>}}Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles.</p> <p>}}Ensure that the roof slope is a minimum of 1 in 100 to enable water run off.</p> <p>}}In existing old terraces such as brick-bat-coba or screeds, the substrate must be checked for its soundness. Damaged or hollow portions, sharp edges, etc. must be cut and repaired with a polymer-modified screed. Surface cracks must be filled with Dr. Fixit Crack-X or polymer-modified mortar in case of wider cracks.</p> <p>}}Bitumen based waterproofing treatments must be completely removed by mechanical scarification or by any other effective mechanical means.</p>						
		<p>2 APPLICATION</p> <p>}}Apply one coat of Dr. Fixit Primeseal (diluted with water in the ratio 2:1) at the rate of 100 -110 sq ft/ liter. Allow it to dry for 2-3 hours.</p> <p>}}Apply the first coat of Dr. Fixit Newcoat Ezee at the rate of 25 sq ft per litre and allow it to dry before taking up the second coat, the rate of application being the same. This would ensure correct consumption of material that will deliver a total DFT of 500 -600 micron.</p> <p>}}Minimum drying time between coats will be 4 to 6 hours.</p> <p>}} Allow the system to air cure for 7 days minimum.</p>						
		<p>Precautions & Limitations</p> <p>}}All corners, gaps, joints, protrusions & outlets shall be coated with extra coat.</p> <p>}} Do not apply during rains; substrate MUST be in dry condition for application of primer.</p> <p>}} The product is designed only for foot traffic and not vehicular or movement of machinery or equipments.</p> <p>}} To achieve the full proof waterproofing, all parapet walls should be covered with Newcoat Ezee. .</p> <p>}}All wall to floor joints must be provided with proper angle fillets prepared with polymer modified mortar using Dr Fixit Pidicrete URP</p>						
V	Cement concrete upto 4"	Providing & laying 4" thk in position cement concrete of specified grade excl. the cost centering & shuttering - All work up to plinth level 1:3:6[1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size].Photograph of every stage is required along with date and flat number.	CFT	700.00				
	TOTAL COST OF THE WORKS							
B	PLUMBING WORKS	Providing / fixing of Plumbing works using CPVC 32mm/25mm/20mm quality pipes (SDR-11) pipes, elbow socket, ball valve etc. clamping with wall / floor, for supply for filling of water tanks and delivery connection from each individual tanks similar to existing system fixing of float valve complete in all respect Rates should include the removal of old portion of pipes ect..						

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1	CPVC PIPE WORKS							
	a	32mm	RFT	10				
	b	25mm	RFT	15				
	c	20mm	RFT	60				
2	ELBOW							
	a	32mm	NOS	1				
	b	25mm	NOS	1				
	c	20mm	NOS	15				
3	SOCKET							
	a	32mm	NOS	1				
	b	25mm	NOS	1				
	c	20mm	NOS	15				
4	BALL VALVE							
	a	50mm	NOS	1				
	b	32mm	NOS	1				
	c	25mm	NOS	1				
	d	20mm	NOS	1				
5	UNION							
	a	32mm	NOS	1				
	b	25mm	NOS	1				
	c	20mm	NOS	15				

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6	TEE							
	a	32mm	NOS	1				
	b	25mm	NOS	1				
	c	20mm	NOS	15				
		TOTAL COST OF THE WORKS						
C	FLOORING							
1	KOTA STONE ON STAIRCASE INCLUDING POLISH	Providing and laying 19mm kota stone work on 1st floor to terrace staircase on steps,risers/skt jambs and other plain work with edge grinding in cement mortar 1:4 (1 cement: 4 coarse sand) including pointing in grout with an admixture of pigment to match the shade of stone. Including granite polishing complete etc.	SFT	500.00				
		TOTAL COST OF THE WORKS						
D	DOOR WORKS							
	I	Flush Door shutter including harware and fittings.	Providing and fixing 38mm thick BWP flush door including liping all sides, Including aluminum sheet of 18g fixed inside up to full Height. With all fixing accessories and all incidentals.	SFT	63			
	II	MS DOOR FRAME	Providing , Fabrication and fixing door frame in 38x38 x5 mm m.s. angle fixed with holdfast grouted in wall complete in all respect.	RFT	70			
	III	MAIN M.S. GATE REPAIR	Repair of M.S. gate including welding ,fixing, repair of latch /locking system complete in all respect.	NOS	10			
	IV	ALUMINIUM SHEET ON EXISTING FLUSH DOOR	Providing and fixing of 20 gauge alluminium sheet to be fixed on existing flush door after removing and refixing.	SFT	130			
		TOTAL COST OF THE WORKS						

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E	PAINT AND POLISHING							
I	Plastic Emulsion	Providing and applying plastic emulsion of approved colour & shade, cleaning the surface and make it free from dust by scrapping, cleaning etc., including application of two coats acrylic putty of approved make over the walls and ceiling to make it the same in line and level; application of primer coat over the same; application of minimum two or more coats of plastic emulsion of Asian paints / ICI Paints or equivalent upto the desired finish of the EIC and protecting till the handing over of site including required scaffolding, cleaning, filling up cracks with approved crack filler etc. all complete at all levels and leads to entire satisfaction of the Architect/Owner.	SFT	6000.00				
II	Enamel	Applying and Painting with Enamel paint of approved brand and manufacturer and of required shade on old / new surface three or more coats to give an even shade including necessary surfacing putty, filling and application of 1 coat of primer, after thoroughly preparing the surface. etc.	SFT	15000.00				
III	Water proof Paint apex/weather sheild	Providing and applying 3 or more coats of water proof paint - brush finish (matt) of ISI mark Asian-apex/ I.C.I-weather shield/Berger, shade as approved by Architect, to all walls, ceiling / plastered surfaces, applied evenly to produce uniform even surface to approved finish including 1)completely scraping of the old paint and disposal of mulba to all leads and lift 2)Cleaning and preparing the surface, puttying as per manufacturer'sspecifications.3) Applying a coat of approved cement primer, including scaffolding, etc., complete all level.	SFT	35000.00				
	TOTAL COST OF THE WORKS							
	TOTAL COST OF ALL THE WORKS (12 NOS FLAT)							