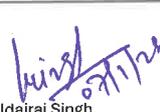
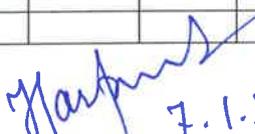


The World Spa Apartment Owners Association					
BOQ - BASEMENT EXPANSION JOINTS (EAST & WEST)					
S. No.	Description	Unit	Qty	Rate	Amount
General notes :-					
	(i) The Contractor Shall be submit the samples of all material to the Project Manager for approval and finalization of samples.				
	ii) The rates should be inclusive of all lead, lifts, height, scaffolding etc. complete.				
	iii) Rates include the cost of protection needed for finishing the work during the contractual period /handing over the project.				
	iv)The contractor should quote the rate after vising the site . The rate should include everything necessary for complete the job arrangements as required. Nothing extra will be paid.				
EXPANSION JOINT					
A	HORIZONTAL WORK				
1	Excavation Work				
1.1	Dismantling and excavation of all type of soil upto depth 1.2m and Brick/concrete works to reach the mother slab and removing of filling material, Disposal of malwa and stacking of serviceable material near by location.	Cu m	420		
1.2	Expansion Joint Treatment for all area basement & external area Cleaning of concrete all surface on both side of the expansion joint to remove any dust, oil, grease including removal of laitance, using grinding machine & wire brush. Repairing the edges wherever required with high strength mortar/epoxy.	Sq m	368		
2	Expansion Joint Treatment				
2.1	Providing and applying the base coat of epoxy adhesive (Ecmabond 520) on both sides of the joints(600mm*600mm) as per the width of the Sikka Joint Tape. Adhesive consumption, for Sikka Joint Tape per metre length, considered 1.8- 2 Kg For 50mm-75mm expansion joint due to undulation - Rate of Material+Labour for Ecmabond 520	Rmt	284		
2.2	Providing and applying flexible Thermoplastic Elastomer based tape 2mm thick for all types of expansion joint (200mm wide and 2mm Tape considered here). Lapping of 100mm will be provided using Ecmas recommended special machinery by using roller paste. Sikka Joint Tape System with using backer rods. Product requirements: High performance waterproofing tape based on functional thermoplastic elastomer with advanced adhesion, Fire Clasification- B2) Mechanical / Physical Properties Breaking load Longitudinal & Transverse (L&T) > 12 N/mm2 (DIN EN ISO 527-3) Resistance to Tearing L&T) > 80 N/mm (DIN EN 12310-2) Elongation at Break > 500 % (DIN) Bond strength > 4 N/mm2 (DIN EN 1248) For 50mm-75mm expansion joint - Labour + Material for Ecmaflex Joint Tape 200mm, 2mm thick (fixing on beam/slab 75mm wide both side of gap)	Rmt	284		
2.4	Providing & Applying waterproofing with two componant chemical on both sides of pasted tape to the extent of 600mm from sxpension joint and doing protection plaster(1:4) with angle fillet.	Rmt	284		
2.5	Supply & Fixing of Geo textile(150GSM)-(Width-1400mm) as per site condition which include cutting & Fixing for protection of membrane.	Rmt	284		
2.6	Supply & Fixing of 2mm thick anodised Aluminium plate-15micron (as per site condition which include cutting & moulding) and fixing one end with stainless steel Screw / Washer / PVC rawl plug for protection of membrane. For 50mm to 75mm expansion joint -Aluminium Plate 250 X 2mm	Rmt	284		
B	VERTICAL WORK				
1	Excavation Work				
1.1	Expansion Joint Treatment for all area basement & external Cleaning of concrete all surface on both side of the expansion joint to remove any dust, oil, grease including removal of laitance, using grinding machine & wire brush. Repairing the edges wherever required with high strength mortar/epoxy.	Sq m	58		
2	Expansion Joint Treatment				
2.1	Providing and applying the base coat of epoxy adhesive (Ecmabond 520) on both sides of the joints as per the width of the Sikka Joint Tape. Adhesive consumption, for Sikka Joint Tape per metre length, considered 1.8- 2 Kg For 50mm-75mm expansion joint due to undulation - Rate of Material+Labour for Ecmabond 520	Rmt	195		
2.2	Providing and applying flexible Thermoplastic Elastomer based tape 2mm thick for all types of expansion joint (200mm wide and 2mm Tape considered here). Lapping of 100mm will be provided using Ecmas recommended special machinery by using roller paste. Sikka Joint Tape System with using backer rods. Product requirements: High performance waterproofing tape based on functional thermoplastic elastomer with advanced adhesion, Fire Clasification- B2) Mechanical / Physical Properties Breaking load Longitudinal & Transverse (L&T) > 12 N/mm2 (DIN EN ISO 527-3) Resistance to Tearing L&T) > 80 N/mm (DIN EN 12310-2) Elongation at Break > 500 % (DIN) Bond strength > 4 N/mm2 (DIN EN 1248) For 50mm-75mm expansion joint - Labour + Material for Ecmaflex Joint Tape 200mm, 2mm thick (fixing on beam/slab 75mm wide both side of gap)	Rmt	195		

2.3	Supply & Fixing of 2mm thick anodised Aluminium plate-15micron (as per site condition which include cutting & moulding) and fixing one end with stainless steel Screw / Washer / PVC rawl plug for protection of membrane. For 50mm to 75mm expansion joint - Aluminium Plate 250 X 2mm	Rmt	195		
2.4	Removing of existing plaster on vertical wall and repair the edges after joining of sikka tape.	Sqm	58		
3	Stone Work				
3.1	Removal of Existing stone.				
	Removing and dismantling of all types of stone finishes (granite / marble / kota / natural stone etc.) in the vicinity of expansion joint, including careful cutting, breaking, removal of mortar bed, stacking of serviceable material separately, disposal of unserviceable debris outside site, complete as per site condition and as directed by Engineer-in-Charge	Sqm	185		
3.2	Fixing of concrete tile				
	Providing and fixing of existing concrete tile of same colour & size near expansion joint or at required locations, over prepared base, laid on cement mortar (1:4) or approved adhesive as per site condition, including surface preparation, leveling, alignment, cutting, finishing edges, curing, and cleaning complete, excluding cost of stone, complete as directed by Engineer-in-Charge. Concrete Tile Base Rate- Rs 50 Sqft	Sqm	195		
4	Fixing of drain pipe				
	Providing, fixing and finishing of UPVC pipe of 110 mm diameter, including cutting to required length, proper alignment, fixing in position with cement concrete / approved grout, sealing of joints, making good surrounding surfaces, and complete as per site requirement and directions of Engineer-in-Charge	Rmt	14		
5	Core Cutting				
	Cutting circular openings in reinforced cement concrete (RCC) members (slab, beam, or wall) using core cutting machine as per site requirement. Includes all labor, materials, tools.				
5.1	100mm Dia	No	R/O		
5.1	150mm Dia	No	10		
5.3	200mm Dia	No	R/O		
6	Injecting PU (Polyurethane) Grouting-If applicable				
a	Providing and injecting Polyurethane (PU) expanding resin grouting for arresting leakage/seepage in RCC structures, injecting approved PU grout resin (Fosroc Nitofill PU130 / Sika Injection-201/202 / Technokem PU Grout / STP PU Grout) using hand/electric injection pump of 50-150 bar pressure, per manufacturer specification.	Kg	R/O		
b	Providing and fixing and drilling injection holes with 10-12 mm drill bit, fixing mechanical packers (10-14 mm), and removal of packers after curing, sealing of injection points with suitable epoxy/mortar, and complete cleaning of the area as per manufacturer specification.	No	R/O		
7	Injecting Cement Grouting-If applicable				
	Providing and inserting non-returnable 12 mm dia aluminium/PVC injection nipples in concrete, including drilling holes of required diameter to a depth of 40 mm to 80 mm at approximately 450 mm centre-to-centre spacing (staggered or as directed by the Engineer-in-Charge). The item includes providing and fixing of packing grout for nipples and cutting/removing nipples after completion of grouting using a cutting wheel, ensuring no damage to the structural surface. Providing and applying cementitious injection grouting through the installed nozzles into cracks, honeycombed areas, and voids in concrete using a suitable grouting pump under pressure, continued until refusal. The grout shall consist of cement slurry mixed with a non-shrink grout (NSG) compound, such as Cebex 100 (Fosroc) or equivalent approved make, in proportions as per manufacturer's specifications. The work shall include all labour, supervision, tools, tackles, materials, curing, and transportation, complete as per specification and direction of the Engineer-in-Charge.	No	R/O		
8	Crack Repair -If applicable				
	Providing, supplying, and Repairing cracks in plaster/concrete surface including cutting V-groove using cutter machine, cleaning the groove with wire brush, applying SBR polymer bonding agent (Dr. Fixit Pidicrete URP / Sika Latex Power / Fosroc Nitobond SBR), filling the crack with approved crack filler (Asian Paints SmartCare Crack Seal / Dr. Fixit Crack-X Shrinkfree / Birla White Crack Filler), finishing with trowel/putty knife and sanding the surface complete as per manufacturer specification and engineer's direction.	Rmt	R/O		
9	Disposal of Malba / Construction Debris from Site				
	Disposal of unserviceable materials, construction debris, malba etc., from site as directed by the Engineer-in-Charge, including loading, unloading, transportation, and all leads and lifts, labour, tools, and equipment complete in all respects.	Per Trolley	22		
TOTAL AMOUNT					
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  Gaurav Dagar Sr. Civil Executive </div> <div style="text-align: center;">  Udairaj Singh Technical Manager </div> <div style="text-align: center;">  Harpreet Singh Estate Head </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;">  JB Ruhil Civil Head AIMSP </div> <div style="text-align: center;">  Santosh Aggarwal Infra Committee </div> <div style="text-align: center;">  Myrelle Machado VP TWSAOA - Infra BOM </div> </div> <div style="text-align: right; margin-top: 10px;"> <p>7.1.2026</p> <p>12.1.2026</p> </div>					