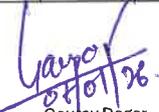
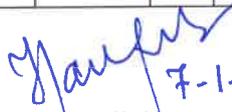
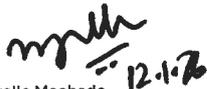


The World Spa Apartment Owners Association					
BOQ- BASEMENT SEEPAGE & REPAIR WORKS					
S. No.	Description	Unit	Rate	Qty	Amount
General notes :-					
(i) The Contractor Shall be submit the samples of all material such as Stone,Tile,wood, glass etc. to the Project Manager / Landscape Architect for approval and finalization of samples.					
(ii) The rates should be inclusive of all lead , lifts, height, etc. complete.					
(iii) Rates include the cost of protection needed for finishing the work during the contractual period /handling over the project.					
(iv)The contractor should quote the rate after vising the site & referring the tender drawings, tender documents etc. The rate should include all necessary for complete the job arrangements as required. Nothing extra will be paid.					
BASEMENT REPAIR WORK					
1	Scaffolding				
	Providing, erecting, and dismantling scaffolding for all heights using steel pipes, clamps, couplers, and wooden/steel platforms as required for execution of work such as plastering, painting, or repair. The scaffolding shall be strong, stable, and properly braced to ensure safety during execution, including providing access ladders, supports, and safety arrangements. After completion of work, the scaffolding shall be removed and the site cleaned, all complete as directed by the Engineer-in-Charge	Sq m		53	
PLASTER WORK					
2	Chipping of loose /damaged Plaster				
	Dismantling/ Chipping off loose plaster of any thickness in damaged area by chiseling for brick work , columns , beams and slabs.	Sq m		1337	
3	Chemical Treatments				
3.1	Reinforcement Cleaning & rust removal				
	Cleaning Reinforcement bars loosely with hand wire brush and apply alkaline chemical rust remover with brush and removing loose particals after 6 hrs of applications and washing thoroughly with water all complete upto 32mm dia bars. Approved Product: Rustoff 100-Sika/ Reebaklens RR (Forsroc) / Rustkleen (BASF) / Rust Remover -Dr. Fixit / equivalent)	Rmt		401	
3.2	Zinc rich Primer				
	Providing and applying Zinc rich Primer on the Chemically treated old rebars as well as new rebars & shear connectors added to the concrete as per manufacturer's Specification)/ Dr. Fixit /Sika /BASF Product: Nitozinc Primer of Forsroc / Friezinc® R -Sika / Epoxy Zinc Primer of Dr. Fixit /equivalent product of BASF/ Sri Krishna conchem	Rmt		401	
3.3	Polymer Modified Cementitious Bonding Coat				
	Providing, mixing and applying polymer modified cementitious bonding coat @2.2kg per Sqm of surface area mixed with SBR Latex adhesive with specified proportion as per manufactures specificationof on chipped portion of RCC. Rate includes cost of cement & all other materials also. Note :Surface Area of concrete where the Bond Coat has been applied shall be measured for payment, Products :BA30 of Xchem Polymer/ Nitobond AR of Forsroc / masterEmaco 141 of BASF / SUPER LATEX of Dr. Fixit or equivalent) (Quoted Rates are for all heights, depths, levels, leads and lifts)	Sqm		1337	
3.4	Polymer Modified Cement Mortar / Plaster -12mm-15mm				
a	Providing ,mixing & applying polymer modified cement mortar's (immediately after the application of bond coat over 1st layer) 2nd layer of upto 15mm Thick vertical/horizontal/inclined /circular faces in proportion 1 : 4 (1 Cement : 4Coarse Sand) admix with any of undermentioned admixture @3% weight of cement. Note-BA30 of Xchem Polymer/ Nitobond AR of Forsroc / masterEmaco 141 of BASF / SUPER LATEX of Dr. Fixit or equivalent)	Sq m		1337	
b	Item same as above but for ready made plaster instead of cast in situ site mix mortar based.	Sq m			
4	Injecting PU (Polyurethane) Grouting				
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		53	
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		540	
5	Injecting Cement Grouting				
	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.	No		R/0	
	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.				

S. No.	Description	Unit	Rate	Qty	Amount
6	Crack Repair				
	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		167	
6	Drain pipe core joints				
	Providing and sealing drain pipe core joint around pipe penetration in RCC wall/slab using non-shrink cementitious grout such as Fosroc Conbextra GP2 / Sika Grout 214 or approved equivalent. The item includes surface cleaning, removal of loose material, pre-wetting, providing formwork (if required), mixing and placing grout by packing/pouring to completely fill the annular gap, finishing and curing as per manufacturer specifications and engineers direction.	No		77	
7	Disposal of Malba / Construction Debris from Site				
	Disposal of unserviceable materials, construction debris, malba, broken bricks, plaster waste, concrete pieces, etc., from site premises to the approved dumping ground 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		11	
TOTAL AMOUNT					
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  Gaujav Dagar Sr. Civil Executive </div> <div style="text-align: center;">  Udairaj Singh Technical Manager </div> <div style="text-align: center;">  Halpreet Singh Estate Head </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  JB Ruhil Civil Head AIMSPL </div> <div style="text-align: center;">  Santosh Aggarwal Infra Committee </div> <div style="text-align: center;">  Myrelle Machado VP TWSAOA - Infra BOM </div> </div>					