STRUCTURAL REPAIRS TO BLOCKS C&D REINFORCED CONCRETE ADJOINING CORRIDOR - BRADES PRIMARY SCHOOL

Item	Description	Quantity	Unit	Rate	Amount
1.0	**PRELIMINARIES/HEALTH & SAFETY**				
1.1	Mobilization, demobilization, equipment, temporary works, access scaffolding, and site clearance on completion	1.0	Item		
1.2	Health & Safety measures including PPE, signage, barriers, and compliance with OSH requirements for structural repair works				
2.0	**REPAIRS TO SLAB-COLUMN -BEAM JOINT**				
2.1	Structural repair to cracked/damaged RC slab-column-beam joint including: hacking out defective concrete, surface preparation to exposed concrete and reinforcement, anticorrosive treatment to exposed rebar (Nitoprime Zinc Rich or equivalent), doweling with Hilti HIT-RE 500 or equivalent, application of epoxy bonding agent, formwork, and reinstatement with shrinkage-compensated micro concrete min. 40MPa. Product: Sika Emaco S466 / Fosroc Renderoc LAF or approved equivalent	5	No.		
3.0	**REPAIRS TO BEAM-COLUMN JOINT**				
3.1	Structural repair to cracked/damaged RC beam-column joint as per description in 2.1 above, including all hacking, preparation, anticorrosive treatment, doweling, bonding agent, formwork and micro concrete 40MPa	5	No.		
4.0	**REPAIRS TO CANTILEVER SLAB- COLUMN -BEAM JOINT**				
4.1	Structural repair to cracked/damaged RC cantilever slab-column-beam joint as per description in 2.1 above, including all propping, hacking, preparation, anticorrosive treatment, doweling, bonding agent, formwork and micro concrete 40MPa	2	No.		
5.0	**NEW REINFORCED CONCRETE STEP**				
5.1	Supply labour and materials to construct reinforced concrete access steps from finished ground level to existing concrete platform. Overall dimensions: 8ft long x 2ft Rise. 3 No. risers @approx. 8" rise, 2ft tread width. Include for formwork, 1/2" dia. rebars @ 8" o/c both ways, 3000psi concrete and finishing to exposed faces.	1	No.		
6.0	**CONTINGENCY**				
6.1	Provisional sum for unforeseen items within known parameters of the works	sum			$3,000.00
	TOTAL TO FORM OF QUOTATION				