

BOQ**Name of work: Repairing of car parking area at E Type quarter (Qtr No E-91 to E-96) in IITG Campus.**

SL No	Description of items	Unit	Qty.	Rate	Rate in words(₹)	Amount (Rs)
1	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge	Sqm	346.96			
2	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete	Sqm	346.96			
3	Raking out joints in lime or cement mortar and preparing the surface for re-pointing or replastering, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge	Sqm	316.40			
4	6 mm plaster to ceiling and beams in cement mortar 1:3 (1 cement : 3 fine sand)	Sqm	316.40			
5	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge	Cum	0.58			
6	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge. Bars above 12 mm diameter	Mtr	17.00			

7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	Kg	11.06			
8	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge.Upto and including 12mm dia	Each	4.00			
9	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect					
a	(a)SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer	Sqm	1.98			
b	(b) Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make	Sqm	1.98			
10	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	Cum	0.69			
11	Centering and shuttering including strutting, propping etc. and removal of form forLintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	3.14			
12	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface	Sqm	340.16			

13	Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade.Two or more coats on new work	Sqm	44.96			
14	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.Two or more coats on new work	Sqm	601.90			
Total Rs.=						
Rebate if any @.....%						
Total after Rebate						
Say Total						
Total in words:						
Rates are inclusive of all taxes, GST etc.applicable to the work as on the day of opening.						