

Tender for retrofitting of column using carbon and micro-concrete

Rabindra Bharati University
56A, B T Road , Kolkata-50
RBU/Engg/995/2022 dated 3.6.2022

Sealed Tenders are invited from reputed and experienced structural retrofitting contractors/agencies having experience in retrofitting with carbon plates, fibre and micro-concrete and composite mortar applications in University and big educational institution with credential of Rs 15 lacs (single work) , Trade license, Current P tax, GST, PAN, last 3yrs IT return, and EMD of Rs 10000.00 in DD favouring Rabindra Bharati University within 20.6.2022 at 12 noon in the office of undersigned. For details kindly visit website www.rbu.ac.in

Registrar

Terms and conditions

1. Contractor should have experience and credential in retrofitting works with carbon plates, carbon rods and carbon fibre manufactured by reputed agency .
2. Contractor should have credential for working with bonding agent, micro-concrete and modified mortar/concrete
3. Contractor should have experience in working in University and big educational Institution in busy working environment.
4. Contractor should use steel scaffoldings/props and other materials which should be ensure safety for the structure to be handled.
5. The contractor should maintain quality and standard as per IS and clear all debris and rubbish everyday in order to maintain

Name of The Work : Retrofitting work on 4 Nos Columns in E.B. Campus

Sl. No.	Description of Item	unit	Rate	Quantity	Total
1	Dismantling R.C. floor, roof, beams etc. including cutting rods	CUM		3.660	
2	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete	SQM		10.099	
3	(c) Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering	SQM		18.280	
4	Removal of rubbish,earth etc. from the working site an	CUM		3.890	
5	Welding in M.S. structural work with (b) Continuous weld.	CM RUM		2206.00	
6	Reinforcement for reinforced concrete work in all sorts of structures	KG		181.60	

7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar includi (i) With 1:6 cement mortar (a) 25 mm thick plaster	SQM	26.940
8	Rust remove by Focroc make Reebaklen RR	SQM	20.10
9	Anti corrosive coating on damage or new reinforcement by Fosroc make Nito Zink Primer.	SQM	20.10
10	Epoxi grouting by 8 to12mm Dia PVC Nozel fixing nozel by Epoxi Putty. And Grouting Fosroc make Conbrexta EP10.	Each	63.690
11	Two coat of epoxy bonding agent for bonding old and new concrete by Fosroc make Netobond EP	SQM	20.100
12	Reshape Coloumn by replacing carbonated part and repairing the damage surface of concrete by pour free flow fluid Micro concrete repairing material single component cement based micro Concrete to which only the site addition of clean water(4ltr water/25KG micro concrete)as pre manufacture specification.	CUM	1.750

ADD CGST @ 6%

ADD SGST @ 6%

ADD Labour wellfair cess @ 1%