

**Scottish Church College**  
1 & 3 Urquhart Square Kolkata -700 006

**Notice for quotation**

**Ref: Tender Estate/SCC /11/2022-23 Dated 29-09-2022**

**Contact:** Mr. Shibnath Bhattacharyya (M-98362 72199)

Appropriate quotation is invited in sealed cover from eligible bidders' /suppliers/ vendors for Civil work for B.Ed Building with the following specifications:

Sl.No	Description of work	Unit	Qty	Rate	Amount(Rs)
<b>A</b>	<b>ROOF TREATMENT :</b>				
	<b><u>Existing damaged concrete roof :</u></b>				
1.0	Carefully all existing damaged APP felt remove and staging the premises.	Sqm	508.20		
2.0	Carefully Dismantling all types of masonry including cement concrete plain or reinforced.	Cum	4.80		
3.0	Carefully repairs to existing roof creaks find and cutting V-grooves with cutter machine, deep (20 - 30 mm , wide 40 -50 mm), as per site condition, then cleaning , sealing, with <b>Epoxy (B-11, AH-713, Resin &amp; Curing agent) with fine dry sand, synthetic net etc. (Must be use by Epoxy for better life).</b>	Rmt	108.00		
4.0	1st class brick work with cement, sand mortar, (1:4), and curing work complete.	Sqm	9.00		
5.0	Protective Plaster with cement, sand and polymer mixing mortar with curing work complete.	Sqm	40.00		
6.0	Surface coating work, with Surkhi and polymer, one coat. <b>DULUX AQUATECH WRP, (Waterproofing repair polymer) (Akzonoble). For better bonding coat, and long lasting for original roof surface is Lime Terracing work.</b>	Sqm	147.00		
7.0	Reinforcement work for all R .C .C work including distribution bars, stirrups, binder. Supply of reinforcement , cutting , bending and binding in proper position completes as per drawing and direction.(6mm).	K.g	170.00		



8.0	Screed concrete work, avg - 60 mm thick, with cement, sand, fine aggregate and polymer mixing mortar. (Currying work complete, minimum 7 days water lock).	Sqm	42.00		
9.0	Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting work (@ 500c/c)	Nos	90.00		
10.0	Consolidation and Grouting with Lime Admixed with Non shrink compound and water Reducing Admixture to filled up internal Fine cracks of the surface as per direction of the Consultant.	Nos	90.00		
11.0	Carefully Rain water spout point treatment with cutting and sealing work complete, by chemical.	Nos	8.00		
12.0	Providing and fixing new 110 mm dia PVC pipe line with all necessary fitting and old existing damages remove.(with all existing PVC and cast-iron pipe cheke and repair work complete).	Rmt	24.00		
13.0	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge.	L.S	1.00		
14.0	<b><u>Waterproofing coating work for concrete protection &amp; long lasting, &amp; heat insulation cover.</u></b>				
a	Apply First coat Aquatic Roof waterproof as 15 % dilution. (Akzonoble).	Sqm	508.20		
b	Apply Second coat Aquatech Roof waterproof as 7.5 % dilution. (Akzonoble). With 30 to 45 gsm synthetik net laying.	Sqm	508.20		
c	Apply Third coat Aquatech Roof waterproof as 7.5 % dilution. (Akzonoble).	Sqm	508.20		
d	Apply Forth coat Aquatech Roof waterproof as 7.5 % dilution. (Akzonoble).	Sqm	508.20		
<b>B MOBILIZATION / GENERAL STEEL SCAFFOLDING / TEMPORARY SUPPORT &amp; STAGING : (Inside structure strengthening &amp; Outside renovation of the building).</b>					



1.0	Making a temporary Vat, 4.00 x 1.5, mit with three numbers partition work for different three chambers, (For lime work).(4.0 nos 200.00 litre drum, for water storage).	L.S	1.00		
2.0	Making temporary Scaffolding with steel props, steel pipes, and steel rafter, staging with working platform.(for removal/retrofitting) existing all damages. <b>(Inside work of the building, part by part &amp; steel scaffolding must be used, like steel props, Jack, M.S pipe, M.S Clame etc).</b>	Sqm	260.00		
3.0	Making temporary Scaffolding with Bamboo and chali, coconut rope etc. <b>(Outside of the building in part by part).</b>	Sqm	1115.20		
<b><u>De-Vegetation</u></b>					
4.0	REMOVAL OF VEGITATION GROWTH , Uprooting and removing plants from the surface of walls parapet etc and making good damages (Repairing of damages to be paid separately). (a) Small plant of girth of exposed stem upto 75 mm.lift upto 6 mtr.	L.S	1.00		
<b>c STRENGTHENING OF SLAB SUPPORT SYSTEM : (Inside work of the building, Ground, First &amp; Second Floor).</b>					
1.0	Carefully Dismantling all types of masonry excepting cement concrete plain or reinforced.	Cum	1.70		
2.0	Carefully splicing work, at <b>(Damaged bearing area existing ISMB/Wooden beam with extra steel props support system)</b> Proving and fixing new ISMB or ISMC cutting as per required wall area, with <b>Zink chrome base</b> painting work complete, excluding cutting the wall, placing the ISMB or ISMC and welding MS plate 6 mm as necessary at damaged portion of existing RSJ/ISMB bearing area, 100 mm concrete slab cutting bottom of new placing of ISMB or ISMC. <b>(G.F, F.F &amp; S.F)</b>	Nos	46.00		



3.0	<b>M.S. structural works in columns, beams etc.</b> with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer- in charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1956 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 1957, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental charges such as excluding the electricity charges, labour insurance charges etc. <b>with epoxy base painting complete. (Berger).</b>	K.g	580.00		
4.0	Providing and placing of wooden bourgha, sec - 75 x 65 mm, max length - 1.3 with cutting nose and carefully old damaged remove, part by part. <b>(Siliguri Sal). Painting work complete.</b>	Nos	52.00		
5.0	Providing fitting and fixing of Earthen / clay tiles in single layer on the Structural member, with lime concrete mortar minimum 40 mm, and proper tiles joints seal complete.(size - 450 x 300 x 25 to 30 mm).	Nos	12.00		
6.0	Carefully existing all new replace earthen tiles joints sealing work, at ceiling surface with Lime, surkhi, sand and tradition admixture mixing mortar.	Sqm	12.00		
7.0	Brick work with 1st class bricks in lime and surki mortar (1:2) (1 lime putty/paste: 2 surki) lime to be slaked at site and the mortar to be prepared with such lime putty and first class surki made from kiln burnt bricks having its fineness modulus between 2 and 2.5 and which passes through B.S. sieve No 8 with corresponded to I.S sieve No 200 with considerable grinding and plugging it complete.	Cum	1.70		
8.0	Carefully existing all clay tiles damaged roof dismantling and shifting of damaged material at Ground floor. (With necessary bamboo scaffolding work).	One job	1.00		
9.0	Providing new M.S round pipe, 50 mm dia and fixing at old existing structure. <b>(with epoxy painting work complete).</b>	K.g	175.00		



10.0	Providing and fixing new TaTa blue scope fixing with all necessary fittings. (with proper Drainage system, by Rize).	Sqm	36.75		
11.0	Making new hallow, cutting the wall and seal with cement, sand & polymer mixing mortar, with waterproofing work complete.	Rmt	21.00		
<b>D STRENGTHENING OF EXTERIOR &amp; INTERIOR WALL :</b>					
1.0	Carefully Dismantling all types of masonry excepting cement concrete plain or reinforced.	Cum	0.60		
2.0	Carefully Deplastering/ Removal of un serviceable Plaster from wall, per direction of the Consultant.	Sqm	446.08		
3.0	Carefully cleaning existing damaged brick joint mortar by wire brush, chisels, etc.	Sqm	446.08		
4.0	Repairs to cracks in wall by cutting V- grooves 50 mm. to 75 mm. deep and 100 mm. to 150 mm. wide and filling the same with beaten lime concrete (2:2:7) with lime putty / paste and finishing complete (2 lime putty / paste : 2 surki : 7 brick khoa ) Admixed with Traditional Admixture and Non Shrink Compound.	Rmt	20.00		
5.0	<b>Repair work of old concrete chaja, with waterproofing work complete.</b>	Nos	31.00		
6.0	<b>Repair work of old M.S steel chaja, with waterproofing work complete.</b>	Nos	10.00		
7.0	Rule pointing to brick work with ruled joints in lime and surki 1:2 mortar including raking out joints and top finishing (1 lime paste/ putty : 2 surki ).	Sqm	446.08		
8.0	Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting work (@ 500c/c)	Nos	560.00		
9.0	Consolidation and Grouting with Lime Admixed with Non shrink compound and water Reducing Admixture to filled up internal Fine cracks of the surface as per direction of the Consultant.	Nos	560.00		
10.0	Core consolidation of masonry wall with cleaning, remove the old damaged old brick of damaged area and sealing the gap with traditional mortar and lime base free flow consolidation grouting till refusal.	Sqm	8.00		



11.0	Brick work with 1st class bricks in lime and surki mortar (1:2) (1 lime putty/paste: 2 surki) lime to be slaked at site and the mortar to be prepared with such lime putty and first class surki made from kiln burnt bricks having its fineness modulus between 2 and 2.5 and which passes through B.S. sieve No 8 with corresponded to I.S sieve No 200 with considerable grinding and plugging it complete.	Cum	0.60		
12.0	Protective Plaster with lime, sand & Surkhi mortar including rounding off or chamfering corners as directed and excluding scaffolding & staging Admixed with water proof compound & Traditional Admixture as per direction of the Consultant. (1:.5: 1)	Sqm	446.08		
<b><u>ARREST OF RISING DAMPNES TO WALL</u></b>					
13.0	Providing and cutting grove (40 mm wide and 30 mm dept, with a hole of 12mm dia & 6 - 8 inch depth @ .600 mt. distance (to restrict the additional rising damp and allowing of better breathability of the structure.	Rmt	108.00		
<b><u>RESTORATION OF CORNICE, (OUTSIDE WALL)</u></b>					
14.0	Renewing cornice (with mouldings but without floral or similar intricate patterns) including necessary masonry work and 15 mm. thick lime, surkhi plaster (1:3) complete. Dismantling / Removal of existing top surface, necessary crack repairing, sealing of cracks with traditional lime mortar and relay of Lime concrete (2:2:7) mix of lime: surkhi: Khoaa with surmi finish including traditional curing etc all complete. Renewing cornice(with mouldings but without floral or similar intricate patterns) including necessary masonry work and 15 mm. thick Lime plaster(1:3) complete In G.L to Second floor. <b>Projection, (500x150).</b>	Rmt	4.00		
15.0	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge.	L.S	1.00		
<b>E FINISH WORK :</b>					
I	Existing two numbers toilets floor waterproofing work, with Epoxy ( <b>B-11, AH-713, Resin &amp; Curing agent</b> ) with fine dry sand, colour).	One job	1.00		



II	Providing and laying over existing wooden floor and damaged concrete floor, good quality mat with all necessary fittings.(2 to 3 mm).	Sqm	93.85		
III	<b><u>PRESERVE /PAINTING WORK OF OUTSIDE WALL SURFACE :</u></b>				
	<b><u>Anti Alkaline, Anti efflorence, Anti Fungal high bond sealer system. (Wall surface)</u></b>				
1.0	Removing old scales, blisters etc. of interior surface of Door/Window by scraping etc. and preparing smooth all surface (Payment against this item will be made only when this has been done on the specific direction of the Engineer-in-charge)	Sqm	483.84		
2.0	Providing and applying one coat primer of 10% antifungal solution modified high bond, anti alkaline, anti efflorences sealer Dulax sealer E1000+ Aquatech PTC or equivalent (dilution with water in the ratio of 1:1), The operation shall be carried out after scrapping and properly cleaning the surface.(ICI).	Sqm	1115.20		
3.0	Providing and applying two coats weather emulsion exterior painting work with smoothing the surface.(ICI).(Whether skilled).	Sqm	1115.20		
4.0	Providing and applying one coat of wood primer and two coats of Gloss enamel painting work, with smoothening the surface.(ICI). ( <b>Only outside surface</b> ).	Sqm	348.50		
<b>TOTAL AMOUNT</b>					
<b>Rs:</b>					

This quotation is to be addressed to the Principal , Scottish Church College and has to be submitted to the Principal's office in Scottish Church College , at 1 & 3 Urquhart Square , Kolkata – 700 006, on prescribed working day between 11:00 A.M. and 3:00 P.M. The bid / tender may be submitted from **29/09/22** & close on **12 /10/2022**. The Selection /opening will be made at the Principal's office at `11:00 A.M. on **13 /10/2022**.

The Authority of the College reserves the right / discretion for selection based on experience, amount, quality of the bid & bidder.

*Madhumanjari Mandal*  
**Dr. Madhumanjari Mandal**  
Principal  
Principal  
**Scottish Church College**  
**Kolkata**

*29/9/22*

