

**SPOT QUOTATION FOR MISCELLANEOUS REPAIRS TO BE DONE AT THE MEZZANINE FLOOR
STORE ROOM AT CSMVS, FORT, MUMBAI**

Note:

1	All items shall be measured as per ISI Code for payment where not stated specifically.
2	Sand used in the items shall be cleaned, washed, river sand.
3	In all sections, collecting debris, rebounds, cleaning of the areas, lowering the debris and carting away shall be included in the rates quoted, whether such specification included or not in the items. Under no circumstance the contractor shall claim extras for any reasons.
4	The work shall be carried out in consultation with the museum authority and care has to be taken to protect the museum property and not disturb its functionality.
5	All the museum artefacts, furniture will be shifted to another place by the museum before handing over the area to the contractors, in case any artefact is found, it should be handed over to the museum authority. Empty cases will be covered with clear transparent plastic sheets.
6	A responsible person should be present 24x 7 when the work is happening from the contractors side as the work is being carried out in a functional museum
7	Timings of museum are to be adhered strictly ie 9.30 am to 5.30 pm Mon to sat (2nd and 4th sat are off days)
8	No advance will be paid . The bills will be certified within 7 days and payments would be cleared in next 10 working days
9	Scaffold if any constructed shall be included in the rates as directed
10	Said work is to be completed 15 working days
11	E quote to be sent to "csmvsmumbai@gmail.com" and a CC marked to vikasdilawari@hotmail.com and vdarchitects@gmail.com . jHard Copy to be submitted to the museum after sending the email.

Sr. No.	Description	Quantity	Unit	Rate	Amount
Section I: Demolition and dismantling					
1	Carefully chiseling the existing Lime or cement or any other plaster from the internal walls and ceiling, wherever directed in larger areas or patches or full areas of walls using electric cutters/grinders in proper rectangular patches wherever instructed or directed if old plaster is retained and raking out joints and cleaning the walls prior to replaster all complete including carting away of debris.Δ	600	Sqft		
2	Breaking of existing 4" to 6" brick walls with plaster and any finishes at any heights and location and carting away of debris.Δ	135	Sqft		
3	Carefully removing existing vertical marble partition of urinal resting on stand & carting away of same as directed or reuse.Δ	10	Sqft.		
4	Carefully disconnection from the existing plumbing the following fixtures/fittings with connectors and all fittings off the wall surface inclusive of plugging and reconnection.Δ				
a	Anglo Indian W.C.	1	Nos		
b	Cast Iron high flush tanks	2	Nos		
c	1/2" or 1" dia pipes	25	Rft		
5	Carefully removing of wooden door inclusive of frames without damaging the building fabric and stacking the same on site at a suitable location as directed.Care to be taken to salvage for the re-use.Δ	1	Nos		
6	Carefully dismantling and Refixingthe existing electrical line along with the fixtures like tube lights, fans ,etc.Δ		Job		
Total of Demolition and dismantling					
Section II: Civil works					

	<p>SPECIFICATIONS FOR POLYMER REPAIRS: CLEANING THE REINFORCEMENT-1. Loose rust should be removed from the existing reinforcement steel by wire-brushing. 2. 'Rusticide' solution should be applied to the steel for the removal of the residual rust and also for rendering the surface of the steel passive, so as to prevent fresh corrosion. After 24 hours, brush off any loose particles by means of a dry paint brush. 3. a slurry of 'Polyalk Fixoprime' + cement in the weight proportion of 1:1.5 should be prepared and a brush coating of this slurry should be given to the entire exposed, chemically de-rusted surface of the steel, taking care that even a minutest part of the steel is not left uncovered. TREATMENT: USE OF POLYMER MODIFIED MORTAR FOR REPAIR WORKS: 1. All loose / cracked concrete should be broken upto the sound core.2. The exposed reinforcement steel should be treated as explained separately in the relevant Specification. 3. A slurry of 'Polyalk EP' + cement in the weight proportion of 1:1 should be applied as primer-cum-bonding coat on the interface with the existing concrete. Immediately place polymer modified mortar prepared as the following step. 4. polymer modified plaster should be prepared in the following proportions 1 kg. 'Polyalk EP' + 5 kg. Cement +15 kg. <u>Washed river sand (10kg. passing 2 mm +5 kg. 1 mm down) or quartz sand if directed</u> + 1 to 1.5 litres water depending on the desired consistency. This special mortar should be very thoroughly mixed, preferably by stirrer. 5. Polymer modified mortar should be placed by hand on the above primed surface in thickness of 10 to 15 mm for each layer, which should be allowed to set initially. 6. Subsequent layers of similar thickness should be applied, until the original form of the concrete is attained. Finally, the surface should be finished with a steel trowel. 7. The repaired surfaces should be cured with damp gunny bags, after minimum 48 hours of initial setting time. Δ</p>				
7	<p>POLYMERS REPAIRS: Repairs to the RCC members i.e. ceiling slab by removing the rust of the reinforcement, applying a coat of rusticide and Applying a coat of preventive coating of polymers as per manufacturers brand specifications, applying a coat of bonding polymer and finally applying 25 mm thick Polymer modified mortar using quartz sand. of Sunanda/ Roff or equivalent make. The entire treatment to be carried out as per 'Brand manufacturer's specifications and as directed by the Architect' inclusive of necessary curing etc, Prior approval of the consultant must be obtained for the use of a particular make.Δ</p>	135	Sqft		
8 a	<p>Providing and applying 20 mm thick INTERNALCement Plaster in two coats, under layer 20 mm thick plaster 1:4 (1 cement : 4 coarse sand) using 43 grade cement. and curing, raking of joints etc., top finishing layer rendered with PLASTER OF PARIS to true line and level, & plumbΔ</p>	300	Sqft		
b	<p>Same as above item no.9a Single coat without PLASTER OF PARIS finish for toilets.Δ</p>	150	Sqft		
c	<p>Same as above item no.9a But for ceiling using single coat upto 15 mm thick with PLASTER OF PARIS punningΔ</p>	150	Sqft		
9	<p>Providing and making decorative moulding on the wall in cement plaster, matching to the existing details and design as attached photo or contractor to visit the site and see the existing one before quoting Δ</p>	5	Rft		
Total of Civil works					
Section III: Carpentry works					
10	<p>Providing and fixing SS 2mm to 3mm thk weld mesh with TW frame in OLD BTC 1 1/2" x 1 1/2"clear and 1 1/2" x 3/4" over the mesh as a beading patti, following the profile of the opening of size 2' 1" x 1' 6" as attached drawing. Δ</p>	6	Nos		
11	<p>Providing and fixing transparent acrylic sheet sliding over the teak wood framework described as follows.(Refer Drawing no.3)</p>				
a	<p>Providing and fixing 1 1/2" x 2" clear old BTC Wood for framework</p>	60	Rft		

	b	Providing and fixing 4mm transparent acrylic sheet	25	Sqft		
12		Providing and fixing New fully glazed pointed arched windows partly shutter and partly fixed glasss with frames in OLD BTC WOOD .Refer drawing no2 , inclusive of glass,beading putty etc all complete.Top & bottom rail and Styles 3"wide x 1" thick clear size. frames 3" x4" clear size . Thickness of glazing(clear glass) is 3mm. brass fixtures 4 no. of parliament hinges size 4", 2 no. of tower bolt size 6", 2 nos. of eye and hook size 9" long, 2 nos. of handles size 4". (Refer drawing no 2)Δ	40	Sqft		
13		Providing the services of skilled Carpenter for sundry works, non measurable items and at places in the campus. Rate to include for all levies inclusive of contractors Profit and overheads, terminal taxes. (For a working day of 8 hours) Δ	1	Man-days		
Total of Carpentry works						
Section IV: Painting						
15		Applying lime wash ie milk of lime using "kali ka chunam" over the ceiling and plastered surface INTERNALLY obtained from Maharashtra lime depot or using saras or gum acrasia as directed and sieving it for impurities and applying 3- 4 coats mixed with natural stainer if directed.Δ	600	Sqft		
Total of Painting						
SUMMARY						
		Section I: Demolition and dismantling				
		Section II: Civil works				
		Section III: Carpentry works				
		Section IV: Painting				
		Total				
		Add 10% contingencies				
		Total of the above				
		Add 12.50% VAT on 70% of cost of works				
		Add 14% Service Tax on 70% of the cost of Works				
		Add 0.50% SB Tax on 70% of the cost of Works				
		Add 0.50% KK Tax on 70% of the cost of Works				
		Grand Total				

Date

Name and stamp of the Contractor