

BILL OF QUANTITIES

Tender for External Painting Works at NABARD Park,Santacruz (W), Mumbai

Item No.	Description of Item	Unit	Quantity	Rate	Amount
1	<p>Polymner Modified Mortar :Polymer Modified mortar / Concrete comprising of following operations : Repairs to RC members such as Columns, Beams, Slabs, Pardis etc. at all levels, inclusive of making of damaged area, preparing exposed concrete as per specifications, cleaning the corroded reinforcement with approved rust remover and brushing with mechanical or hand brushes filling up approved epoxy putty in gaps behind the reinforcement bars, using approved protective coating with rust on existing steel, Applying bond coat with approved boding agent on a concrete interface, restoring all broken concrete within open time of bond coat by hand applied acrylic poymer modified mortar 1:2:5 (1 approved polymer : 2 Cement : 5 Sand by weight) In layers of 25mm thickness upto 75mm thickness. applying bond coat with approved bonding agent, of covering layers within open time of bond coat and air/ water sprinkle curing etc., complete. All as specified and/ or as directed, with scaffolding and protecting system for covering of openings like doors, windows etc., for thickness exceeding 50 mm mortar as specified with 10mm downgraded aggregate hand pressed or fresh mortar shall be used. This work includes the following.</p> <p>a. Providing and applying approved brand rust passivator/ preventor to existing reinforcement including wire brushing, cleaning etc., complete as directed.</p> <p>b. Providing and applying bond coat in the form of slurry made out of approved bond coats as per manufacturers specifications including surface preparation etc., complete.</p> <p>c. Providing and applying approved brand of Acrylic polymer modified mortar in required proportion to RCC members including hand application, curing and making the surface rough for plastering etc., complete as per the specifications as directed. Upto the thickness of cover.</p> <p>The method of treatment and use of mateials should be get approved before execution.</p> <p>Rate in words - Rupees</p>	Sqm	100		
2	<p>Breaking & plaster : Erection of approved scaffolding, necessary protective measures for not spreading the debris by means of hessian cloth, protective measures with plywood etc., for existing openings like doors, windows etc., Identification of defective plaster area, demarcation of the same with distinct chalk or colour, getting approval and cutting the groove with electrical cutter to the depth of existing plaster and carefully breaking internal or External plaster in patches or long stretches</p> <p>the levels, without damaging the plaster or BW in the vicinity, collection of debris after the days work and storing within the allotted site up to 10 cum, and disposing of the same as soon as the quantity exceeds 10 cum from the site by mechanical transport etc., complete as directed. (Note: no etc payment will be made for the etc. thickness broken). The rate should include for eradicating weeds/ shrubs/ trees/ grown on building surface by applying saturated souldion of ammonium including cutting, removing , disposing of deadwood etc., complete.</p> <p>Sand face waterproof plaster: Providing and applying 20 mm thick sand faced plaster or more as necessary in two coats at all levels either in patches (After the identification of damage areas proposed to be plaster, the same are to be marked with grove with electrically operated cutter between sound and unsound plaster) or in long stretches, first coating 14mm thickness or more, in CM 1:4 and second of 6mm thickness with CM 1:3 sponge finished and mixed with approved water proofing coat, curing for 7 days for both the coats and cutting the groove in wet mortar to the size 20mm wide x 10mm deep wherever necessary etc., as directed including scaffolding etc., complete. (Note: No etc., payment shall be made for extra thickness of plaster carried out to match with existing surface nor for drip mould). The rate should also include for removing and refixing the GI pipeline with new GI fittings if necessary as per requirement at the site on the vertical external facades including replacement of GI connectors to individual flat connections. The GI pipes which are passing through the pipes should be sleeved with PVC pipes and painted with suitable anticorrosive paints especially at the junctions to avoid corrosion. This should be done at the time of external plaster and at all levels as directed.</p> <p>Rate in words - Rupees (Area to be measured in plane surface area)</p>	Sqm	2000		

3	100% Acrylic paint (External): Providing and applying two or more coats of water proofing 100% Acrylic paint of approved manufacturer and shades as per specifications to the exterior surfaces of the building including washing, cleaning and preparing the existing cement paint surface by removing old paint, dirt, algae, fungus, shrubs etc., repairing the damaged patches of plaster not exceeding 0.10 Sqm area with CM, filling the cracks by suitable chemicals, including applying one coat of Primer, scaffolding, as directed. (Rate to include painting of all pipe lines fixed on the external wall surfaces with suitable quality paint to match the colour scheme). For horizontal surface 3 coats to be applied.				
	Rate in words - Rupees	Sqm	13000		
4	Synthetic Enamel paint (Wood Surfaces) : Removing by scrapping blistered paint completely and preparing the old painted surfaces suitably as directed and providing and applying two or more coats of 1st quality synthetic enamel paint of approved manufacturer and shade to teak wood/ commercial board surfaces in doors, windows, shelves, meter box, etc. as per specification and finishing smoothly including applying one coat of primer to the new or old surfaces as required at site, scaffolding etc. complete as directed.				
	Rate in words - Rupees	Sqm	1000		
5	White wash : Providing and applying two or more coats of white wash as per specifications to walls and ceiling including, adding approved adhesive/glue, preparing the surface etc. as directed, re-plastering the damaged patches of plaster not exceeding 0.10 Sqm area with CM etc. complete as directed.				
	Rate in words - Rupees	Sqm	1000		
6	Synthetic Enamel paint (Metal Surfaces) : Removing by scrapping old paint and cleaning with reust remover to prepare the old painted surfaces suitably and providing and applying one coat of metal primer and two coats of 1st quality synthetic enamel paint of approved make shade to steel work viz. grills, gate, weld mesh, wire mesh, rolling shutters, etc. as per specifications and finishing smoothly including scaffolding etc. complete as directed.				
	Rate in words - Rupees	Sqm	1000		
7	'Cement Paint [Exterior]: Providing and applying two or more coats of water proof cement paint of approved manufacturer and shade as per specifications to the exterior wall surfaces of the building etc. including removing the existing old/blistered paint, dirt, algae, fungus, shrubs etc, repairing and re plastering the damaged patches of plaster not exceeding 0.10 Sq.m. area with cement mortar 1:4, applying one coat of suitable primer to the newly plastered surfaces and / or re plastered surfaces, sealing the cracks in plaster with suitable crack seal as per requirement at the site at all levels, scaffolding, cleaning the area thoroughly, wetting the surface, curing etc. as directed. [Rate to include painting of all pipe lines fixed on the external wall surfaces with suitable quality of enamel/ cement paint to match the colour schemes; Area of cement plaster exceeding 0.10 sq.m. will be considered for payment separately]				
	Rate in words - Rupees	Sqm	1000		

Total

Total in words

Place

Date

Name and Address of the Tenderer

Name, Signature and seal