

TILAK AYURVED MAHAVIDYALAYA BUILDING, 583/2, RASTA PETH, PUNE - 411011

TECHNICAL BREFING & BILL OF QUANTITIES FOR TENDERING

SRN	PARTICULARS	QUANTITY	UNIT	RATE	AMOUNT	REMARKS
A	REALLOCATING OF SINTEX TANKS ON STRUCTURAL MEMBERS					
1	Dismantling Connections of all water tanks ,Reconnection all as per old pipe layouts including fittings & accessories reured in redoing the connections . (All fittings broken,damaged to be replaced with new) And placing /Re-Aligning existing water tanks on structural members as described in item no-02	1	JOB			
2	Providing ,Fixing ,Anchoring M.S.Structrural sections like I Section,C-Channels all as per drawings on Concrete beds made up in M-25 Grade of Concrete including base plate,Anchor fastners,Cleat Angles ,Bracing angles and 12mm Chequered MS Plate placed & welded to these members in correct line and level ready to place water tanks.The rate shall be inclusive of Applying two coats of Industrial primer and Two coats of Oil paint	2.85	M.T			
B	PLINTH PROTECTION AROUND BUILDING					
1	Excavation up to a depth of 600mm ,in all type of soils incl. cutting of Tree roots,Shrubs,Removing of Boulders to finished line & level, all around Building periphery including removing of excavated soil out side the premises , by Manual & Mechanical means	100.37	CUM			
2	Providing & Laying 230mm thick soling with stone screening as binding material for sub-grade with contractor's materials, labor, plant and machinery including all leads and lifts, loading, unloading, transporting to site, stacking, spreading to line, grade, camber, watering, compacting with compactor	335.00	SQM			
3	Providing and laying in position Plain cement concrete M15 Minimum Average 150 mm Thick in screed, finishes, filling etc. including the cost of centering and shuttering with proper compaction, curing, finishing, roughening of surfaces wherever required , top surface of the concrete to be finished smooth wherever required, providing slopes, gradients, cost of labour, loading and unloading, transportation, scaffolding/shuttering and all other incidental charges etc., with all leads and lifts, complete	335.00	SQM			
C	REDOING OF RCC & ALLIED PLASATERING WORK					
1	Breaking of all old Cracked Plaster,Mainly @ Chajjas where steel is exposed & prone to rusting applying anti corrosive chemical "Rust convertor" to all such areas where Reinforcement is exposed Remaking such concrete surface with chemical like Conbextra GP2 (Fosrock) or anyother equivalent self compacting Grout mixed with neat cement slurry and providing 12-15mm thick neat finished cement plaster 1:3 (1 cement : 3 coarse sand) added with acrylic based water proofing chemical as per manufacturers specification and replastering as directed . As this work has to be done at different places at different height in smaller Quantities . The job work is to be Quoted on Lum sum Basis	1.00	Lum Sum			
2	Taking out all grown Shrubs and Trees on wall,Porch Slab up to extended roots, Applying concentrated acid ,Liquid Tar on it,Redoing broken surfaces plaster 1:3 (1 cement : 3 coarse sand) added with acrylic based water proofing chemical etc all complete	1.00	Lum Sum			

D	WATERPROOFING OF ROOF SLABS					
1	Breaking of Existing waterproofing , removing of the debris and Carting the same as directed . Designing, providing and installing average 150mm thick BB coba terrace waterproofing to terraces etc consisting of brickbat coba in cement mortar mix in ratio of 1:5 (1 cement : 5 river sand) with approved waterproofing compound at the rate as specified by approved manufacturer , including applying to cleaned, grouted concrete base surface, BB Coba chemical waterproofing system consisting of polymer modified acrylic base composite coating (of one part or two part component) as recommended by the approved manufacturer of waterproofing coating, and laying brick bat to required slope; outlet and rain water pipes grouted (minimum thickness 75mm), system to be carried over parapet wall about 300mm high from finish floor level. testing by ponding water about 200 mm high for 72 hrs. protecting till handover, testing for heat insulation etc. all complete . (PN- This Quantity is for Only damaged Water proofing of new Building up to joint and Porch Slab at FF Level & includes joint Protection) Terrace-560 SQM Porch-289 SQM	849.00	SQM			
E	EXTERNAL PAINTING WORK					
1	Scrapping of all old External Paint, Opening up of all Cracks to min.width so as to take Expandable epoxy based crack sealant of Fosroc or equiv.Manufacturer also plugging of holes (if left anywhere) by suitable chemical neat finish & in line. Applying Two Coats Cement Paint including Curing etc All Complete	4370	SQM			
2	Providing and applying wall care putty scrapping of old paint filling & putting Lambi ReScrapping to make the surface smooth and undulations free to take Two Coats of Oil paint Asian or Equivalent Brand	1350	SQM			
				TOTAL		
				9% SGST		
				9% CGST		
				GRAND TOTAL		