

FINANCIAL BID

SCHEDULE OF QUANTITIES					
Name of Work: Special Repairs, Internal & External plaster with painting, Waterproofing to Roof top and other civil miscellaneous works of Training Center at Panvel Campus. Location: IIG Panvel Campus.					
Sr.No.	Items of Work	Unit	Rate	Qty	Amount (Rs.)
	WOOD AND P.V.C. WORK				
1	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	3164.05	14.40	45,562.32
2	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 250x16 mm	each	263.98	12.00	3,167.76
3	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : (copper oxidized as per IS: 1378) 250x16 mm	each	186.43	20.00	3,728.60
4	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 250x10 mm	each	117.32	8.00	938.56
5	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 100 mm	each	59.84	40.00	2,393.60
6	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper	each	69.95	12.00	839.40
7	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames.	sqm	3929.64	7.20	28,293.41
	STEEL WORK				
8	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg	688.04	100.00	68,804.00
	FLOORING				
9	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only .Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed vitrified floor tiles polished finish of size: Size of Tile 600 x 600 mm	sqm	1527.46	5.00	7,637.30

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10	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	sqm	1648.05	1.00	1,648.05
	FINISHING				
11	15 mm cement plaster on the rough side of single or half brick wall of mix : INTERNAL 1:4 (1 cement: 4 fine sand)	sqm	69.61	339.70	23,646.52
12	15 mm cement plaster on rough side of single or half brick wall of mix: EXTERNAL 1:4 (1 cement: 4 coarse sand)	sqm	198.27	354.50	70,286.72
13	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :				
	New work (two or more coats) over and including water thinnable priming coat with cement primer	sqm	182.67	642.32	1,17,332.59
14	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	sqm	62.37	100.00	6,237.00
15	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	139.18	450.00	62,631.00
16	Wall painting with acrylic emulsion paint, having VOC (Volatile OrganicCompound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats	sqm	130.41	642.32	83,764.95
17	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. INTERNAL	sqm	23.43	609.00	14,268.87
18	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. EXTERNAL	sqm	23.43	466.00	10,918.38
19	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sqm	28.09	100.00	2,809.00
20	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	sqm	97.26	100.00	9,726.00
	DISMANTLING AND DEMOLISHING				
21	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	sqm	67.98	5.00	339.90
22	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	sqm	50.62	1.00	50.62
23	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. INTERNAL	sqm	50.62	61.95	3,135.91
24	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. EXTERNAL	sqm	50.62	176.43	8,930.89
25	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by In-Charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	277.01	25.00	6,925.25

Sr.No.	Items of Work	Unit	Rate	Qty	Amount (Rs.)
	REPAIRS TO BUILDING				
26	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of In-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	sqm	320.28	432.50	1,38,521.10
	WATER PROOFING				
27	Grading roof for water proofing treatment with Cement mortar 1:4 (1cement : 4 coarse sand)	cum	15034.36	5.00	75,171.80
28	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats@10.76 litre/ 10 sqm. One coat of self-priming of elastomericwaterproofing liquid (dilution with water in the ratio of 3:1) and twocoats of undiluted elastomeric waterproofing liquid (dry film thicknessof complete application/system not less than 500 microns). Theoperation shall be carried out after scrapping and properly cleaningthe surface to remove loose particles with wire brushes, complete in all respect as per the direction of In-Charge.	sqm	532.84	200.00	1,06,568.00
	NEW TECHNOLOGIES AND MATERIALS				
29	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of In-Charge				
	25 mm average thickness	sqm	117.54	50.00	5,877.00
30	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of In-Charge.				
	Bars upto 12 mm diameter	metre	7.47	150.00	1,120.50
	Bars above 12 mm diameter	metre	15.00	150.00	2,250.00
31	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of In-Charge complete in all respect. SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer.	sqm	132.32	50.00	6,616.00
32	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of In-Charge.				
	25 mm average thickness in 2 layers.	sqm	573.69	50.00	28,684.50

Sr.No.	Items of Work	Unit	Rate	Qty	Amount (Rs.)
	NON SCHEDULED ITEMS				
33	Providing and laying water proofing treatment at all levels on external wall Plaster by making U/V shaped grooves of required depth over the cracks followed by its proper cleaning /washing then applying /packing Elastomeric Acrylic Crack filler as per manufacturers specification in the grooves, allowing it to air cure for 24 hours followed by applying a coat of polymeric water proofing solution (by making 1.00 part of polymeric water proofing solution with 1.00 parts of grey cement) over the crack, water curing for 7 days and making good the external walls as directed by the In-Charge including scaffolding and Materials etc complete. (Elastomeric Acrylic Crack Filler consumption @ 4.50 Kg for 30 meter and Polymeric water proofing solution consumption @ 0.22kg/10 metre).	metre	89.35	100.00	8,935.00
34	Sweeping rubbish of all kinds from the roof terrace, canopy and chajja tops at all heights and levels by using brooms, brushes and cleaning with water jet machine, hand grinder machine fitted with S.S. wire gauze to clean substrate thoroughly etc. and cleaning rating of mouth of rain water pipe & other rain water outlets etc. to keep the mouth clean for easy flow of rain water etc. including removal and disposal of the same to the approved dumping ground, complete as per direction of In-Charge.	sqm	8.40	200.00	1,680.00
	TOTAL COST OF WORK INCLUDING ALL TAXES, LEVIES, GST ETC. AS APPLICABLE				9,59,440

Add % _____ above / _____ below of the aforesaid estimated cost of work
 % in words: _____ above / _____ below the estimated cost of work
 Bidden / tendered cost of work: Rs. _____
 (Both in figure and words)

SIGN OF CONTRACTOR

SEAL

DATE