

Schedule of Quantities

N/W	Minor repair to facilitate store room cum office space at ground floor of Admin building, IIG Panvel Campus.				
SLNo	Description	Qty	Unit	Rate	Amount
2	CEMENT CONCRETE (CAST IN SITU)				
2.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
2.1.1	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	1	cum	6833.40	6833
3	REINFORCED CEMENT CONCRETE				
3.1	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15* landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).	2	cum	10391.40	20783
3.2	Centering and shuttering including strutting, propping etc. and removal of form for				
3.2.1	Suspended floors, roofs, landings, balconies and access platform	21	sqm	693.05	14554
3.2.2	Lintels, beams, plinth beams, girders, bressumers and cantilevers	3	sqm	608.35	1825
3.3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
3.3.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	150	kg	89.65	13448
4	MASONRY WORK				
4.1	Providing and laying Autoclaved Aerated concrete (AAC) blocks masonry with 150mm/230mm/300 mm thick with Grade-I AAC blocks of density 551 to 650 kg/ cum conforming to IS: 2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	5	cum	6994.15	34971
5	CLADDING WORK				

5.1	Wall lining butch work upto 10m height with Dholpur stone 40 mm thick rough facing on the exposed surface with stone strips of minimum length 300 mm and required width, including embedding every tenth layer and bottom most layer in masonry or concrete after making necessary chases of size 75x75 mm and by providing layer of 75 mm thick strips i/c 12 mm thick bed of cement mortar 1:3 (1 Cement : 3 coarse sand) i/c ruled pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment to match the shade of stone complete as per direction of Engineer-in-charge.	4.5	sqm	2607.45	11734
6	WOOD AND P. V. C. WORK				
6.2	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
6.2.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	2.2	sqm	2015.75	4435
6.4	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : (copper oxidized as per IS: 1378)				
6.4.1	250x16 mm	1	each	165.90	166
6.5	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	1	each	856.30	856
6.6	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 :				
6.6.1	300x10 mm	1	each	117.65	118
6.7	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 :				
6.7.1	100 mm	2	each	53.25	107

6.8	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.				
6.8.1	Twin rubber stopper	1	each	62.25	62
7	STEEL WORK				
7.2	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.				
7.2.1	80x1.25 mm M.S. laths with 1.25 mm thick top cover	6.7	sqm	3008.80	20159
7.3	Providing and fixing ball bearing for rolling shutters.	2	each	424.20	848
7.4	Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm ²), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge.				
7.4.1	10 x 140 mm	12	each	156.35	1876
8	FLOORING				
8.1	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
8.1.1	25 mm thick	25	sqm	1706.60	42665
8.2	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	0.5	sqm	2038.55	1019
9	FINISHING				
9.1	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				

9.1.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	10	sqm	162.35	1624
9.2	Applying priming coat:				
9.2.1	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	5	sqm	61.45	307
9.2.2	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat)	14	sqm	29.75	417
9.3	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
9.3.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	30	sqm	191.40	5742
9.4	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.	60	sqm	123.85	7431
9.5	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.				
9.5.1	Two coats	60	sqm	116.05	6963
10	REPAIRS TO BUILDING				
10.1	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in-Charge.				
10.1.1	For door/ window/ clerestory window	2.2	sqm	1046.95	2303
11	Dismantling and Demolishing				
11.1	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.	2.75	sqm	45.05	124
12	ALUMINIUM WORK				

12.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
12.1.1	For fixed portion : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	10	kg	423.95	4240
13	NEW TECHNOLOGIES AND MATERIALS				
13.1	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge.				
13.1.1	Upto and including 12mm dia.	12	each	121.95	1463
14	NON SCHEDULE				
14.1	Providing and plastering with premixed polymerized readymade cement mortar of approved brand / make, manufactured in automated dry mix batching plant where Cement, sand and polymer additive are mixed in pre-determined ratio (as per manufacturer specification). In one coat. 6 to 7 liter potable water (as per manufacturer specification) shall be added to 40 kg of readymix dry mortar on mortar mixing G.I tray and shall be mixed well for 4-5 minutes. The mortar shall be left undisturbed for 3-5 minutes to dissolve additive and shall be mixed once again to form cohesive and consistent mix.				
14.1.1	15 mm average thickness	8	sqm	642.35	5139

14.2	Providing and plastering with premixed readymade cement mortar of approved brand / make, manufactured in automated dry mix batching plant where Cement, sand and polymer additive are mixed in pre-determined ratio (as per manufacturer specification). 18 mm average thickness in two coats under layer 12 mm thick cement plaster and top layer 6 mm thick cement plaster finished rough with sponge 6 to 7 liter potable water (as per manufacturer specification) shall be added to 40 kg of readymix dry mortar on mortar mixing G.I tray and shall be mixed well for 4-5 minutes. The mortar shall be left undisturbed for 3-5 minutes to dissolve additive and shall be mixed once again to form cohesive and consistent mix.	5	sqm	782.25	3911
14.3	Remodelling existing aluminium window of area 3.00 sq metres or below by cutting the extra member of aluminium window and attached MS grill including welding extra MS member wherever necessary and fixing in position with required screw/bolt etc. complete	1	each	1000.00	1000
14.4	Painting monogram at complete outside area of rolling shutter with synthetic enamel paint of approved brand and manufacture of required colour as per direction of IIG authority i/c cost of paint etc.	1	job	3550.00	3550
Total					220673
Add for revised GST @18% in place of 12% ie 6.33% on DSR items		207073			13,108
Total					2,33,781
Add Cost Index @24% on SR&DR Items =					56,107
Total					2,89,888

Add _____ % Above / _____ % Below the Estimated cost

Tendered Cost (including GST) = Rs.

Name, Sign and Seal of the Agency