

Schedule of Quantity (FINANCIAL BID)

N/Work : Renovation of computer centre and setting up of Vedeo Conference Room at IIG Panvel.

S Head : Repair and Maintenance works

S No	Description	Quantity	Unit	Rate	Amount
1	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	14.86	sqm	488.24	7255.23
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
	Of area 3 sq. metres and below	23.31	each	208.91	4869.80
3	Taking out existing wooden door shutter, repair by cutting, painting etc. and re-fixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	3.78	each	233.47	882.50
4	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.				
	: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	1.89	sqm	3294.13	6225.90
5	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 Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	15.00	cum	159.55	2393.22
6	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead :				
	: Of sectional area below 40 square centimetres	275.00	metre	10.19	2802.51
7	Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking within 50 metres lead :				
	: Thickness above 10 mm up to 25 mm	198.70	sqm	43.87	8717.77
8	Providing and laying premium quality Double charged (highly glossed/seperior finished) vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.			0.00	0.00
	: Size of Tile 600x600 mm	185.22	sqm	1481.53	274408.23
9	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.	185.22	sqm	-617.35	-114344.93
10	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.	185.22	sqm	511.14	94672.55

11	Providing and fixing expandable fasteners of specified size with necessary plastic sleeves and galvanised M.S. screws including drilling holes in masonry work /CC/ R.C.C. and making good etc. complete.				
	50 mm long	60.00	each	29.98	1798.64
12	Providing and laying premium quality Double charged (highly glossed/superior finished) 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 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.				
	: Size of Tile 600x600 mm	10.50	sqm	1502.44	15775.59
13	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) :				
	For fixed portion : Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	215.14	kg	518.55	111560.27
14	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in- charge (Frame work shall be paid for separately).				
	: 12mm thick commercial ply conforming to IS : 1328 BWR type	30.87	sqm	1422.30	43906.38
15	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.				
	Pre-laminated particle board with decorative lamination on both sides	73.29	sqm	1146.95	84059.61
16	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
	: With float glass panes of 5.50 mm thickness	17.62	sqm	1328.73	23412.18

17	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	10.71	sqm	6099.81	65329.00
18	Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	10.71	sqm	98.40	1053.89
19	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.				
	: With stainless steel cover plate minimum 1.25 mm thickness	7.00	each	2719.00	19032.99
20	Filling the gap in between aluminium / stone/ wood frame and adjacent RCC/ Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete, complying to ASTM C920, DIN 18540-F & ISO 11600				
	: Upto 10 mm depth and 10 mm width	50.00	metre	176.29	8814.51
21	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.	5.00	each	514.05	2570.24
22	Providing and fixing chromium plated brass handles with necessary screws etc. complete:				
	: 125 mm	5.00	each	280.38	1401.92
23	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	5.00	each	50.29	251.47
24	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete :100x70x4 mm (ordinary type)	6.00	each	145.39	872.32
25	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :200x10 mm	2.00	each	332.86	665.72
26	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	6.72	sq.meter	484.20	3253.84

27	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.				
	1.5 mm thick	2.05	sqm	1108.30	2272.01
28	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.	492.35	sqm	14.29	7037.55
29	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface				
	: Water thinnable cement primer	564.00	sqm	48.90	27581.48
30	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.	564.00	sqm	115.61	65202.76
31	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade / of approved texture and sheen etc complete as directed :				
	Two or more coats on new work	580.00	sqm	111.77	64826.35
32	Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring 'T' with :				
	GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	182.00	sqm	1759.79	320282.10

33	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to all/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :				
	12.5 mm thick tapered edge gypsum fire resistant board conforming to IS: 2095- Part I (as per approved plan and design)	72.00	sq.meters	1220.33	87863.99
34	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	25.45	sqm	67.90	1727.94
35	12 mm cement plaster of mix :				
	: 1:4 (1 cement: 4 fine sand)	5.55	sqm	228.90	1270.39
36	20 mm cement plaster of mix :				
	: 1:4 (1 cement: 4 coarse sand)	25.00	sqm	334.05	8351.29
37	Repainting G.I. pipes and fittings with synthetic enamel white paint with one coat of approved quality :				
a	: 15 mm diameter pipe	20.00	metre	6.68	133.67
b	: 16 mm diameter pipe	20.00	metre	7.87	157.50
c	: 17 mm diameter pipe	15.00	metre	10.06	150.88
38	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Sal wood	0.38	cu.meter	105941.48	40257.76
39	Providing and fixing 2nd class teak wood plain lining tongued and grooved, including wooden plugs complete with necessary screws and priming coat on unexposed surface.: 12 mm thick	19.39	sq.meters	2093.12	40585.50
40	French spirit polishing : : Two or more coats on new works including a coat of wood filler	50.26	sq.meters	277.60	13952.38
41	Melamine polishing on wood work (one or more coat).	50.26	sq.meters	105.22	5288.27
42	Providing and fixing plywood 4 mm thick, one side decorative veneer conforming to IS: 1328 (type-1), for plain lining / cladding with necessary screws, including priming coat on unexposed surface with :Decorative veneer facings of approved manufacture texture/color /surface finish	33.00	sq. meters	1364.13	45016.34

43	Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws/ nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge.	17.60	meters	85.17	1498.94
44	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete.: Triple strip vertical type.	2.00	each	37.65	75.31
45	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineerin-charge.	12.00	each	262.38	3148.61
46	Providing and fixing 18.0 mm thk marine plywood of approved quality in shelves with screws and fittings wherever required, (fittings to be paid separately).: 18 mm thick	8.56	sq. meters	2096.74	17948.09
47	Providing and fixing fire resistant door for two hours of fire rating of apoved materials with the followingspecifications: Shutter 18 G X 46 mm , Insulation : mineral wool , frame shutter material: G.I , Frame shutter finish PWC , Fire rating : (CBRI and ARAI approved) : 2.0 hrs , Harwares : S.S. ball bearing butt hinges , S.S pull handle 250 X 19 mm , Door closures: GEZE/Yale make , fire rated anchor fastners: Hilti 8 mmX 80 mm	9.45	sq. meters	8786.24	83029.97
48	Providing supplying and fixing 100 % polypropelene based 10.0 mm thk. woolen carpet to be fixed strictly as per manufactures specifications etc. completed as directed.	70.00	sq.meter	3504.31	245301.70
49	providing, supplying and fixing clip in ready to use 25.0 mm thk accoustical wall lining of required and approved size, make etc. clipped in the impellers and to be fixed on the existing walls etc completed as directed strictly as per manufatcurs specifiction The rate to be inclusive of pannels to be covered with fabrics of approved colour pattern and texture etc. completed as directed.	47.71	sq.meter	5349.84	255240.87
50	providing supplying and fixing roller blinds of matt finish of approved make, quality and as per manufactures specifications.	36.60	sq.meter	2628.23	96193.22
51	Credit for taking away dismantled and only unservicable materials from the site wooden frames and shutters and other wooden elements.	100.00	kgs.	20.00	-2000.00
Total cost of work					2104036.19

(Imp : Note : Rates for all items of works are inclusive of CGST, SGST and all taxes and levies etc as applicable)
(necessary taxes at sources , as applicable will be deducted from the contractors bill)

-----% above OR below

Name of the agnecy

sign and seal of the agency

date