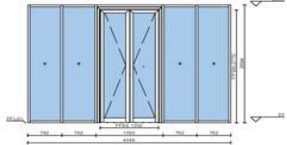
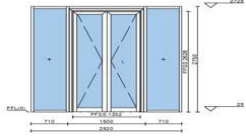
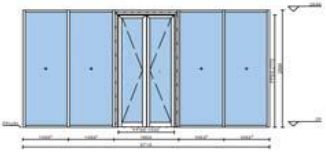




Bill of Quantities for Renovation work f Committee Rooms 1 & 2 at IIC Annexe

S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
b	Fix Cum Openable 4548 mm x 2894 mm	Sqmtr	13.162		13.162		0.00	
	Backside Catering Entrance							
	Systems: Alliance AX-F32							
	AXSYS M50.DW							
	Door Description:							
	Door Double open In Hinge L							
	Colours:							
	Profiles: RAL							
	Glazing:							
	6 x 13.52mm (6mm CT+1.52mm Clear PVB+6mm CT With							
	Partial Frosted Surface Etching)							
	Miscellaneous:							
	Brackets							
	Concealed Door Closer							
Fabrication - Final design as per site needs								
c	Fix Cum Openable 2920 mm x 2750 mm	Sqmtr		8.03	8.03		0.0	
	Backside Catering Area							
	Systems: Alliance AX-F32							
	AXSYS M50.DW							
	Door Description:							
	Door Double open In Hinge L							
	Colours:							
	Profiles: RAL							
	Glazing:							
	4 x 13.52mm (6mm CT+1.52mm Clear PVB+6mm CT With							
	Partial Frosted Surface Etching)							
	Miscellaneous:							
	Brackets							
	Concealed Door Closer							
Fabrication - Final design as per site needs								
	Fix Cum Openable 5715 mm x 2894 mm							
	Main Catering Entrance							
	Systems: Alliance AX-F32							
	AXSYS M50.DW							

Bill of Quantities for Renovation work f Committee Rooms 1 & 2 at IIC Annexe

S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
d	Door Description: Door Double open In Hinge L Colours: Profiles: RAL Glazing: 6 x 13.52mm (6mm CT+1.52mm Clear PVB+6mm CT With Partial Frosted Surface Etching) Miscellaneous: Pivoted Door Brackets Fabrication	Sqmt		16.539	16.539	28871.32	477502.8	
3	<b>P.O.P CEILING/ P.O.P PUNNING</b>							
a	Providing and fixing in position P.O.P. false ceiling over G. I metal frame work of approved Quality and wire mesh as per drawing. The main G.I. frame ( 22g x 50mm x 25mm) shall be at 750mm c/c both ways and intermediate frame ( 75mm x 19mm x 24g) shall be at 375 c/c both ways. The main G.I. member to be hanged with help of G.I angle of 25 x 25 x 24 gauge @ 750mm c/c both ways and additional m.s flats of 19mm x 3mm and dash fasteners including all necessary work required. Expanded metal mesh(0.07 Kg / Sft) shall be firmly stretched and screwed to the intermediate frame with G.I. washers and average 20 mm plaster of paris to be applied on in two layers. Necessary provisions shall be made for cut outs for air conditioners supply, return air grills, slits, light fittings, smoke detector and speaker etc. The job shall include making vertical surfaces, cove, groove etc. as per detail in drawing. The job shall include making step ceiling vertical surfaces,groove and edge moulding etc. (As laid P.O.P. surface area shall be measured for billing).	Sqmt	54	63	117			


Bill of Quantities for Renovation work f Committee Rooms 1 & 2 at IIC Annexe

S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
b	Same as above , but making cove for cove lighting as per detail in drawing ( This Cove area shall not be paid in item POP	Rmt	19	18	37			
c	Providing and doing P.O.P. Punning on wall (average 10mm) to make surface smooth and leveled . The job shall include hacking existing surface for proper bonding . The job shall also include making groove as per shop drawing.	Sqmt	40	77	117			
d	Providing and doing 100mm wide moulding in p.o.p. As per detail drawing.	Rmt	83	121	204			
4	<b>FLOORING</b>							
a	Providing and fixing in position tile flooring as per detail in drawing. It shall be fixed with cement mortar of 1:4.The job shall include grouting the joint with white cement slurry and matching pigment. Size 1200 X 600 mm	Sqmt	40	46	86			
b	Providing and fixing in position 100mm high tile skirting as per detail in drawing. It shall be fixed with cement mortar of 1:3. The job shall include grouting the joint with white cement slurry and matching pigment. Size 1200 X 600 mm	RMT	17	27	44			
5	<b>Fixed Wood Work</b>							



Bill of Quantities for Renovation work f Committee Rooms 1 & 2 at IIC Annexe

S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
a	<p>Providing and fixing in position door of overall size 1490x2750mm including architrave as per detail in drawing. Where the opening of the door would be till +2400 and +350mm above would be fixed.</p> <p>19x144 mm section Sal wood rough ground including 19x217mm section hardwood frame work (anti termite treated) shall be fixed with dash fasteners. 150X50mm section Oak wood frame shall be fixed to rough ground with screws. 75X19mm wooden architrave from hall side including plinth block.</p> <p>Shutter vertical style shall be 125 x 50 mm , top style to be 125 x 50mm, middle style to be 100x50mm and bottom style to be 200 x 50 mm.</p> <p>Panel to have 19+12+19mm thick HDHMR cladded with 4mm thick veneer of approved shade and colour both side with curved wooden moulding of section 25x15mm and 42x22mm from both side &amp; Top panel to be made in 12mm thick HDHMR cladded with 4mm thick veneer of approved shade and colour with 19mm wide wooden moulding from hall -2 side as per detail in drawing.</p> <p>Shutter shall be fixed with heavy duty Hinges(Hafele or approved equivalent) door handle, lock etc as per approved sample. The job shall be completed by PU polish of approved Shade and colour on wooden surface. cost including door frame size as per design and approved wood</p>	No	2	1	3			
b	<p>Providing and fixing in position 230mm wide curtain pelmet in 12mm thick BWP ply over hardwood frame work(Anti termite treated) suspended from ceiling level to fix curtain channel tracks of approved Make for suspending curtain drapes. including provision for LED strip light as per detail in drawing.</p>	Rmt	5	5	10			

Bill of Quantities for Renovation work f Committee Rooms 1 & 2 at IIC Annexe

S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
c	Providing and fixing Shaft door of overall size 515x 2650 mm as per detail in drawing. Basic structure to be made in hardwood frame work. Shutter to be made in 12mm thick HDHMR board +6mm thick mdf to receive texture paint from hall side & paint finish from inside as per detail in drawing. The job shall include hardware such as push to open mechanism & concealed Hinges ( Hettich or approved equivalent) , etc. The job shall be completed by PU polish of approved shade and colour on wooden surface.	Nos	2	2	4			
d	Providing and fixing in position 12mm wide SS profile on wall as per detail in drawing. The job shall include making necessary arrangements for fixing.	Rmt	0	5	5			
6	<b>WALL FINISHES</b>							
a	Providing and doing paint on ceiling as per approved Sample. The job shall include doing primer coat and putty filling etc. The job shall be done as per manufacture's specification.	Sqmt	54	63	117			
b	Providing and doing texture paint on walls as per approved Sample. The job shall include doing primer coat and putty filling etc. The job shall be done as per manufacture's specification. (Basic Rate of Texture Paint shall be 150/- Sqft)	Sqmt	15	28	43			
c	Providing and fixing wallpaper on walls with approved sample as per manufacturer's specification. (Basic Rate of Wallpaper shall be 250/- Sqft)	Sqmt	26	46	72			
7	<b>LOOSE FURNITURE</b>							
a	Supply and making of wooden CHAIR , size 450 X 450 X 900 mm as per design WOOD- OAK or RUBBER	Nos	16	14	30			

Bill of Quantities for Renovation work f Committee Rooms 1 & 2 at IIC Annexe





S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
b	Supply and making of wooden TABLE , Size 1350 X 1350 X 750 mm as per design WOOD- OAK or RUBBER	Nos	2	3	5			
c	Supply and making of wooden Buffet Counter 2655 X 600 X 900 mm as per design WOOD- OAK or RUBBER	Nos	1	1	2			
8	<b>FIRE FIGHTING WORK</b>							
a	Providing, laying, jointing and testing of following sizes of pipes conforming to IS-1239 with all accessories like all fittings including tees, elbows, reducers, flanges, rubber gaskets, nuts bolts, washer. and fixing the pipe on floor / wall /ceiling with suitable size clamps, hangers, structural steel supports as per specification. and G.I. pipe sleeve to be provided wherever the pipes are crossing the walls/floors and sealing the sleeves as per consultants requirements including cutting holes and chases in brick, R.C.C work and making good the same to original conditions complete in all respects. Pipe shall be MS black as per IS-1239 heavy grade and fitting for 40 mm and below be of screwed fittings and above BW 'C' class fittings including painting with two coats of synthetic enamel paint of approved shade over a coat of primer including painting of legends both direction arrows as per approval of the architects / consultants .							
	<b>For Fire System - M.S. `C' Heavy class pipe</b>							
(i)	25 mm dia	RM	24	30	54			
(II)	32 mm dia	RM	16	20	36			
(III)	40 mm dia	RM	4	5	9			
(IV)	50 mm dia	RM	8	10	18			
(V)	65 mm dia	RM	8	10	18			
b	Providing & fixing of C.I. butterfly valve suitable for pressure 16 Kg/Sqcm. with flanges, nut bolts & gaskets complete							
c	65 mm dia	Each	0	1	1			

Bill of Quantities for Renovation work f Committee Rooms 1 & 2 at IIC Annexe

S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
d	Providing and fixing Chrome finish quartzoid bulb high pressure sprinklers of size 15mm dia (Pendent / upright / side wall) to be Operated at 68 Deg C.							
e	Concealed Pendent type	Each	10	12	22			
f	Providing and fixing of smoke detector Appllo series 65	No	2	2	4			
g	Providing and laying of armoured cable 1.5 sqmm for the installation of smoke detector and connect to existing fire alarm panel at entry gate	RMT	90	80	170			
9	<b>HVAC Work</b>							
a	P & F 24 Gauge GI Ducting with all collar, gaskets, support mountings from ceiling	Sq Mtr	50	40	90			
b	P & F acoutic insulation with GI Frmaes, Glass wool covered with perforated sheet	Sq. Mtr	5	5	10			
c	P & canvas duct	Sq. Mtr	2	2	4			
d	P & F NBR Foam insulation , 19 mm thick, 32 Kg/Cub Mtr density	Sq. Mtr	50	50	100			
e	P & F Powder coated fixed vane aluminium grill 8 inch width, 14 Gauge	Sq. Mtr	10	8	18			
f	P & F Volume Control damper, aluminium	Sq. Mtr	2	2	4			
g	P & F Grill Damper. Aluminium	Sq. Mtr	2	2	4			
10	<b>LIGHT FITTING AND FIXTURES</b>							
a	OSLO RO TL DARK WATT-12 W CCT-2700K/3000K/4000K CRI > 90 CONTROLS - ON OFF / DIMMABLE COLOUR- WHITE / BLACK BEAM ANGLE - 8°/15°/24°/38°/60°	Nos	14	11	25			
b	OSLO RO TL AD WALL WASHER WATT-12 W CCT-2700K/3000K/4000K CRI > 90 CONTROLS - ON OFF / DIMMABLE COLOUR- WHITE / BLACK BEAM ANGLE - 8°/15°/24°/38°/60°	Nos	20	22	42			
c	HX8024 LED Strip with aluminium channel and high quality milky or clear acrylic cover.Light Source: LEDWattage: 12w/MeterControl Gear: High Power LED DriverPrice	Nos	24	23	47			








Bill of Quantities for Renovation work f Committee Rooms 1 & 2 at IIC Annexe

S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
11	<b>Light Control system</b>							
d	Supply of HomeWorks® QSX processor has built-in astronomical clock. Processor Link- 1 RJ-45 ports with built in switch for daisy chaining processors (max 16 processors). It has 1 links that can be individually configured as one of two types: QS Wired Link, QS Wireless Link or Panel Link. System Capacity: HomeWorks QS wired device link 99 devices / 512 zones QS Wired Link: 100 devices per link, 100 zones per link, utilizes hybrid	No	1	1	2			
e	Lutron Power Supply for Homeworks QS Processor	No	1	1	2			
f	Supply of QS Wire Landing Board	No	1	1	2			
g	4 zone power module for phase dimming LQSE - 4A1-D DIN Rail Power Modules is used in a HomeWorks QS system. Automatically selects leading edge or trailing edge dimming for incandescent/halogen, electronic/magnetic, low voltage and neon/cold cathode light sources. 4 Phase Adaptive LED outputs, 60 W (Zone 1 - Zone 4)	No	1	1	2			
h	DIN Rail 0-10V Module Each zone is rated at 10 AX for switching. Rated for resistive, capacitive, or inductive lighting loads. • 0-10 V rated for 50 mA maximum output, source or sink per zone.	Nos	4	4	8			
i	Lutron Dual Column Palladiom keypad with 8 buttons and faceplate. It controls up to 8 scenes. Polymer Finish (WH , LA , AL , TP , GR , BL ,BR )etc Pre Engraved .	Nos	2	2	4			
12	<b>Wiring / Cabling</b>							

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S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
	Supply, Wiring, Testing & Commissioning for dimmer controlled light points with 2X1.5sq.mm FRLS PVC insulated copper wire and earthing with 1.5 sq.mm. FRLS PVC insulated copper wire in 25MM Dia HMS PVC Conduit, surface tee, saddles, conduit fixing material, PVC Connector, including providing & fixing of modular switches as specified complete with modular plate with GI boxes of suitable as complete as required. <b>(Circuit Wire &amp; Conduit from Distribution Board to First Point shall be paid seperately on Running Meter Basis.)</b>							
a	Primary Point <b>(Dimmer cost not included here)</b>	<b>Noa</b>	10	10	20			
b	Looping Point	<b>Noa</b>	25	25	50			
	Supply, Wiring, Testing & Commissioning in position the following HMS PVC conduits including all accessories (i.e., clamps, nuts/ bolts, bends, junction boxes, inspection boxes and outlet boxes etc) concealed or exposed as called for including necessary civil work such as chase cutting & making good <b>(For Submain / Circuit Wiring/Fire/PA):</b>							
c	25 mm dia HMS FRLS	<b>RMT</b>	80	100	180			
d	40 mm dia HMS FRLS	<b>RMT</b>	40	50	90			
	Supply and laying of 1100V grade FRLS PVC insulated Cu. conductor wires of following sizes in existing conduits. <b>(For Sub Main / Circuit Wiring).</b>							
e	2 x 1.5 + 1 x 1.5 sqmm	<b>RMT</b>	250	250	500			
f	2 x 2.5 + 1 x 1.5 sqmm	<b>RMT</b>	150	150	300			
g	2X 4 +1 X 2.5 Sqmm	<b>RMT</b>	100	100	200			
h	Providing and fixing of MCB 6 to 32 Amp single pole	<b>Nos</b>	10	10	20			
i	Providing and fixing of TPN 63 Amp	<b>NO</b>	1	1	2			
j	Providing and fixing of combine switch * socket 16 Amp	<b>Nos</b>	6	6	12			

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S. No	Description of Work	UOM	CR-1	CR-2	Total Qty	Rate	Cost	REMARK
k	Providing and laying of double door DP box 24 ways Havells	No	1	1	2			
13	<b>Audio / Video System</b>							
a	Providing and fixing of Front On Wall LCR Speakers Model No C-5 Make Cornered Audio	Nos	4	4	8			
b	Providing and fixing of 12" Active Subwoofer-600 Watts Model No Minne P12 Make Earthquake	No	1	1	2			
c	Providing and fixing of 7.2 Ch-AVR Model No SR 5015, Make Marantz	No	1	1	2			
d	Providing and fixing of 6000lms WUXGA Conference Room Projector Model No LU935 Make Benq	No	1	1	2			
e	Providing and fixing of 133" Diagonal 4K Matte White Motorised Screen Model No Tab Tensioned Make Custom	No	1	1	2			
f	Providing and fixing of Projector Lift suitable for above projector	No	1	1	2			
	<b>NOTE :- Cost including HDMI, Speaker Wires, Video Wires , Woofer Wires, Connectors , wal brackets for the A/V equipments complete installation</b>							