

PRICE BID (Revised on 20th March 2018)

Tender Inviting Authority: Indian Institute of Management, Udaipur
Name of the work : Tender for Interior & Fixed Furniture Works for Block A, Library and CR 330 for Proposed Permanent Campus for IIM Udaipur
Tender Ref no. IIMU/Interior & Fixed Furniture/2017-18/02/2
Name of Bidder

Sr. No	Description of Item	Quantity	Unit	Rate (Rs)	Amount(Rs)
1.00	Supply & installation of wall panelling made of pinewood E1 grade fiberboard, melamine/veneer laminated finish, groove perforated L32-2 - (2mm grooves @ 32mm centers), backlined with Sound texblack acoustical fleece, tongue-groove edge for a seamless look, 5-test fire retardant grade/ Non FR, Acoustics NRC 0.65- 0.75 (For E300* Mounting), size 128x2440x16mm, volume density of base board 800 - 830 Kg/m3, 10-10.5Kgs/m2 (L32), installed by using Strut framework system. Slats to be backed with Synthethik PF 10x25 adhered to wall with stick .The Panneling shall be finished as per the drawings and to the satisfaction of the Engineer in Charge. All the support system shall be as per the Approved make list and the suspension system shall be got approved before starting installation at site.	120	Sqm	-	-
2.00	Supply and Installation of , square edge, Mineral fibre core ceiling tiles of size 595x595x15mm having volume density 270 kgs/m3, weight 4kg/m2 which is suspended by using 0.3mm thick metal grid system. Tiles should have humidity resistance of 95% RH, NRC 0.5- 0.57(For E600 Mounting), Fire Resistance Class 1(UK) as per drawing, complete with powder coated, hot dipped galvanized steel grid suspension system , as per manufacturers' specifications. The Panneling shall be finished as per the drawings and to the satisfaction of the Engineer in Charge. All the support system shall be as per the Approved make list and the suspension system shall be got approved before starting installation at site.	2087	Sqm	-	-
3.00	Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20mm made of 0.5mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300mm center to centre, suspending the main C carrier of size 10x38x10mm 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 1000mm c/c Inverted triangle shaped Spring Tee having height of 24 mm and width of 34mm made of GI steel 0.45 mm thick is then fixed to the main 'C' carrier and in direction perpendicular to it at 600mm 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 intiles into spring 'T' with : GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5mm thick with 25mm height, made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8mm dia holes and having NRC of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including	162	Sqm	-	-
4.00	Providing & fixing false ceiling at all height including providing & fixing of framework made of special section, power pressed from M.S. sheets and galvanised with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleat of size 25mm wide x 1.6mm thick with flanges of 27mm and 37mm, at 1200mm c/c, one flange fixed to the ceiling with dash fastener 12.5mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25 x10 x0.50mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I channels 45 x15 x 0.90mm running at the spacing of 1200 mm c/c, to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flanges of 26 mm each having lips of 10.5mm, at 450mm c/c, shall be fixed in a direction perpendicular to G.I intermediate channel with connecting clip made out of 2.64mm dia x 230mm long G.I wire at every junction, including fixing perimeter channels 0.50mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/ partitions with the help of Rawl plugs at 450mm centre, with 25mm long dry wall screws @ 230mm interval, including fixing of Calcium Silicate Board to ceiling section and perimeter channels with the help of dry wall screws of size 3.5 x25mm at 230mm c/c, including jointing & finishing to a flush finish of tapered and square edges of the board with recommended jointing compounds, jointing tapes,finishing with jointing compounds in three layers covering up to 150mm on both sides of joints and two coats of primer suitable for boards, all as per manufacture's specification and also including the cost of making opening for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed, all complete as per drawings, specificaton and direction of the Engineer in charge but excluding the cost of painting with: (a) 12.5 mm thick tapered edge gypsum fire resistant board conforming to IS: 2095- Part I	609	Sqm	-	-

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5.00	<p>Providing and supplying Steel Writing Board for writing purpose using marker pen. Medium Density Fibre (MDF) Board to be covered with electrogalvanised steel sheet conforming to IS: 277-2003(Reaffirmed 2007),Amdts.1&2, of 0.3 to 0.4 mm thickness on the front and with sheet of 0.25 mm to 0.03 mm thickness on the back side of MDF Board. Writing top surface of White Boards to receive e3 vitreous Eneameled coating of 0.11 mm min thickness on top. Galvanising on All other surfaces of Sheet steel to be of 0.03 mm min. thickness. The top surface of Writing boardshall be free from waviness and shall show no scratches when HB to 3H pencils are used for writing. The surface shall show excellent erasability when the specified writing medium is used. It should be possible to fully erase the marking of permanent marker pens using methanol, without adversely affecting the e3 vitreous coating in any manner.</p> <p>The core material shall be 9 mm thick MDF board having Bulk Density of 750 kg per cubic metre and Grade-1 as per IS: 12406-2003 Edition 2.2. Both the top and the backing sheet shall be properly fixed with the MDF board using suitable adhesive with mechanical press to avoid any moisture absorption.</p> <p>The Writing board will be fixed to walls with the help of suitable size Stainless steel screws and wodden/PVC rowl plugs with teak wood Framing of 65 mm x 50 mm size on the periphery and 30 mm x 50 mm wide stiffeners on the backside.</p>	143	Sqm	-	-
6.00	<p>Supply and Installation of Tack board acoustical panels, hardened square edge, FR grade NRC fabric (colour choice), wrapped on encapsulated glassfibre core panels made from size 600x1200x25mm, volume density 100-120Kgs/m3, weight 3.0kg/m2 installed by using Strut Impale Clip. Panels should have Acoustics – NRC 0.9 (For D50 Mounting), Fire Resistance Class 1(UK) as per manufacturer specifications. The Panneling shall be finished as per the drawings and to the satisfaction of the Engineer in Charge. All the support system shall be as per the Approved make list shall be got approved before starting installation at site.</p>	338	Sqm	-	-
7.00	<p>Tack Board Panel –</p> <p>Supplying and fixing Tack board in line and level as per architecural drawing and as directed by engineer in charge. Tack board made of Fabric: Fine Jute Fabric of Color as approved during sampling on the front side. Thickness: of Jute Fabric 1±0.1 mm. The top surface should be smooth, finish, without any wrinkles, fungus proof, terminate proof & eye catching. The color should not fade even if the Tack board is fixed in Direct sunlight position. Soft Board: Thickness: 12.00 mm. thick Density of Soft board should be 2.5 kg/m2. Linear expansion/ contraction in range 33% to 90% RH @ 200 C: % max. 0.5. The core material is soft board. The board should be soft, resilient, light colored sheet material of approved make.Soft board with 12 mm thick beading on each side should be fixed to backside plywood with adhesive. Back Side plywood: The Backside of the Tack board to be supported with 12.00 mm thick marine plywood confirming to IS 710 of approved make. The plywood will be fixed to walls with the help of suitable size Stainless steel screws and wodden/PVC rowl plugs with teak wood support for levelling.</p> <p>Tack board with plywood to be fixed to wall/partition with suitable size SS Screws or equivalent Two way adhesive tape or with adhesive in such a way that screws are not visible from the front side of Tack board as per drawing and as directed by engineer in charge.</p>	94	Sqm	-	-

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Sr. No	Description of Item	Quantity	Unit	Rate (Rs)	Amount(Rs)
8.00	<p>Providing & Fixing premium quality Motor operated Roller blinds with Prestressed Micro-Aerated Solar protection fabric of high tenacity Polyester Yarn with PVC Coating & Fungistatic Treatment and should block the light flux & offer elimination of glare and sunlight.</p> <p>Fabric for the Blinds : Composition: 40% Polyester / 60% PVC, Weight:400 g/m2 (+/-5%), Thickness:0.45 mm (+/-5%), Fabric Openess Factor: 4% , Tensile Strength (Warp/Weft): 220/220 daN / 5cm, Tearing Strength (Warp/Weft): 30/25 daN, Fire Retardancy:M2 (NFP92-507)-width of the single blind is in the range of 1.8m to 2.0m</p> <p>The roller mechanism operate with Control unit is made of high strength reinforced plastic. The clutch is of wrap spring design. High carbon steel springs are provided to transmit motion from driving to driven members of clutch mechanism. Clutch is operated directionally by the use of Remote Transmission Service type Motor with Remote control. Clutch never needs any adjustment. The Idler is of high strength reinforced plastic, consisting of a centre shaft. The idler is mounted on the heavy quality bracket (to Take the load of Blinds, Ideler and the Motor Mecanism) by using a plastic lock. The metal sleeve inside the plastic lock provides bearing surface for the centre shaft, which rotates freely, providing smooth, quiet and long wearing operation in a roller tube of 32mm (OD) (depending upon the size) aluminum extruded grooved tube made of alloy T6063 weighing 0.27kg/m. Control unit and Idler are fixed to the either ends of the tube comprising Roller HeadRail which is made of aluminum extruded rail Power coated in white. Control unit and Idler are mounted on the Head rail with powder coated M.S. brackets The fabric of the blind is fitted to the tube with heavy duty adhesive tape. Bottom rail is an aluminum extruded rail with a groove for fixing the fabric and powder coated in white. It is fixed to the bottom of the fabric and the purpose of it is, to keep the fabric in tension and straight. The fabric is fitted to the tube using plastic insert. The end caps of the tube are ABS. The size of rail shall be 21mm (OD) made of Alloy HE 9 WP weighing 0.17kg/m. The fabric shall be attached to the roller tube with high quality self adhesive tape. . Operational action shall be smooth and upto the satisfaction of the Architects. Motor for the motorized Operation of the blinds to confirm the following requirements : Rated Torque: 6NM, RPM 28, Protection IP 44 and above, Rated Voltage 230 mm with suitable Remote to operate up to 4 nos. Motorised blind in a single room .</p> <p>Approved makes : Serge Ferrari, Vista, Hunter Douglas</p>	172	Sqm	-	-
9.00	<p>Providing & Fixing premium quality Manually operated Roller blinds with Prestressed Micro-Aerated Solar protection fabric of high tenacity Polyester Yarn with PVC Coating & Fungistatic Treatment and should block the light flux & offer elimination of glare and sunlight.</p> <p>Fabric for Blinds: Composition: 40% Polyester / 60% PVC, Weight:400 g/m2 (+/-5%), Thickness:0.45 mm (+/-5%), Fabric Openess Factor: 4% , Tensile Strength (Warp/Weft): 220/220 daN / 5cm, Tearing Strength (Warp/Weft): 30/25 daN, Fire Retardancy:M2 (NFP92-507)- Roller Tube shall be of extruded Aluminium alloy 38mm O.D (or as per system dimension) with a minimum wall thickness of 1.0mm duly anodised for long life.Clutch shall be wrap spring design with high strength fibreglass reinforced polyster assembly and high carbon steel springs to transmit motion from driving to driven members of clutch mechanism. Clutch shall operate directionally with the use of an endless beaded chain. Clutch mechanism shall be crash proof, prevent slippage and shall raise and lower smoothly to any desired height.Clutch shall never need adjustment.Idler shall be of high strength fibreglass reinforced polyster,consisting of an outside sleeve and centre shaft. Sleeve shall provide bearing surface for roller tube and rotate freely on centre shaft, providing smooth, quiet and long wearing operation. Brackets shall be of tomised steel powdercoated to give superior finish. Bracket shall accommodateoverhead, side or face mounting with clutch assembly on either end of the roller.Bottom of the blind shall be provided with aluminium tube powder coated in a colour matching to the fabric. The fabric shall be enclosed in the suitably created pocket along with the tube. The tube shall be closed from sides with end caps to give a neat look.</p>	582	Sqm	-	-

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Sr. No	Description of Item	Quantity	Unit	Rate (Rs)	Amount(Rs)
10.00	Supply and Installation of wooden Acoustical doors with necessary hardware of the following specification and as per the detailed drawings. Supply of 77mm thick Non-metallic, Asbestos Free Acoustic cum fire/smoke door of 120 minutes fire rating, conforming to BS: 476 part 22 IS: 3614 part -II, suitable to achieve approx. 32db, sound reducing properties suitable for fixing in wooden door frame of suitable section 140X90mm made out of Hardwood (Red Mirandi) and the shutter comprising of 2 non-combustible 12 mm boards sandwiching 41 mm thick fire resistant & acoustic insulation filler. The shutter is faced with 6mm thick commercial ply and 4mm thick Laminate birch ply veneer (birch ply veneer paid separately) on both faces and Hard wooden lipping all around the shutter. The frame shall be fitted with fire & smoke intumescent seal of size 10 x 4mm on all the three sides except bottom and shutter shall be fitted with fire & smoke intumescent seal of size 20 x 4mm on all the three sides except bottom. The door shall have suitable arrangement only for the provision for Acoustic seals for sound reduction properties (paid separately). The door assembly shall be fixed to the door frame with heavy duty stainless steel hardware of approved make like SS hinge with 4 ball bearing, SS door handle 300mm C shaped, SS Tower Bolt 300 mm and Mortice lock with lock body, door clauser, C shaped round bar handle and Pin cylinder lock with 6 pin mechanism and one side key and one side knob. The rate shall be inclusive of all tools and tackles and completing the work to the satisfaction of the Engineer-In-Charge.	83	Sqm	-	-
11.00	Providing and fixing partition wall , comprising 12.5 mm + 12.5 mm thick (Total 25mm thick) Gypsum Board fixed on both side, fixed on GI framework. GI framework to comprise of 72mm floor and ceiling channels (0.55mm thick having equal flanges of 32mm made of GI steel), 70mm vertical studs (0.55mm) thick having one flange of 34mm and another flange 36mm made of GI steel), placed at 610 c/c to be fixed to floor and roof slab or under window frame by 6mm dia screws and expansion fasteners at 300mm c/c. The joints of Gypsum Board to be over the GI frames only and to be screwed at maximum 300mm c/c to the frame. All joints between the boards to be taped and paper tape and filled with jointing compound so as to provide a smooth surface which can receive Painting coats directly without application of putty. Providing & fixing 50 mm thk resin bonded glass wool (48 kg/m3 density) packed in to Polythene bags in cavity held on 28Gx12, GI wire netting. Entire work to be done as per drawings, and as per direction of engineer-in-charge.	369	Sqm	-	-
12.00	Providing and fixing partition wall , comprising 12.5 mm + 12.5 mm thick (Total 25mm thick) Gypsum Board fixed on one side, fixed on GI framework. GI framework to comprise of 72mm floor and ceiling channels (0.55mm thick having equal flanges of 32mm made of GI steel), 70mm vertical studs (0.55mm) thick having one flange of 34mm and another flange 36mm made of GI steel), placed at 610 c/c to be fixed to floor and roof slab or under window frame by 6mm dia screws and expansion fasteners at 300mm c/c. The joints of Gypsum Board to be over the GI frames only and to be screwed at maximum 300mm c/c to the frame. All joints between the boards to be taped and paper tape and filled with jointing compound so as to provide a smooth surface which can receive Painting coats directly without application of putty. Providing & fixing 50 mm thk resin bonded glass wool (48 kg/m3 density) packed in to Polythene bags in cavity held on 28Gx12, GI wire netting. Entire work to be done as per drawings, and as per direction of engineer-in-charge.	442	Sqm	-	-
13.00	Providing and fixing partition wall , comprising 12 mm + 12 mm thick (Total 24mm thick) plywood conforming to IS 710 including 25 mm thk resin bonded glass wool (48 kg/m3 density) packed in to Polythene bags in cavity held on 28Gx12, GI wire netting fixed on both side, fixed with wooden frame of 50x50 mm second class teak wood, placed along the walls, ceiling and floor in a grid pattern with spacing maximum @ 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ ceiling/ floors with dash fasteners of 8 mm dia, 75 mm long bol, including all as per drawings, and as per direction of engineer-in-charge.	68	Sqm	-	-

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Sr. No	Description of Item	Quantity	Unit	Rate (Rs)	Amount(Rs)
14.00	Providing and fixing wooden frame work for partitions/ wall lining etc. made of 50x50 mm second class teak wood, placed along the walls, ceiling and floor in a grid pattern with spacing maximum @ 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ ceiling/ floors with dash fasteners of 8 mm dia, 75 mm long bolt, including making provision for openings etc.,For fixing marine plywood (paid separately in respective item) including all as per direction of engineer in charge and as directed.	215	Sqm	-	-
15.00	Providing and fixing 5 mm thick mirror of superior glass (of approved quality) and of required shape and size fixed with teakwood/savan wood beading or with adhesive or with two way tape (3M or equivalent Quality) on to backing Ply wood (paid seperately)and fixed to wall/partition with wooden cleats with C.P. brass screws and washers complete.	9	Sqm	-	-
16.00	Providing and fixing cut to size 6.0 mm thick toughned glass fixed with second class teak wooden/savan wood bedding 12x12 mm including the cost of wooden beadings , glass and necessary cutting finishing as per drawing and as directed by Engineer-in-charge.	400	Sqm	-	-
17.00	Providing and fixing 25 mm thick calibrated BWP plywood confirming to IS 710 as per approved drawings and as per direction of engineer in charge, for wardrobes, cabinets, wooden panelling, partitions, glass fixing patta, fixed benches, modesty panels etc.	370	Sqm	-	-
18.00	Providing and fixing 18 mm thick calibrated BWP plywood confirming to IS 710 as per approved drawings and as per direction of engineer in charge, for wardrobes, cabinets, wooden panelling, partitions, glass fixing patta, fixed benches, modesty panels etc.	2184.2	Sqm	-	-
19.00	Providing and fixing 12 mm thick calibrated BWP plywood confirming to IS 710 as per approved drawings and as per direction of engineer in charge, for wardrobes, cabinets, wooden panelling, partitions, glass fixing patta, fixed benches, modesty panels etc.	1557.8	Sqm	-	-
20.00	Providing and fixing 8 mm thick calibrated BWP plywood confirming to IS 710 as per approved drawings and as per direction of engineer in charge, for wardrobes, cabinets, wooden panelling, partitions, glass fixing patta, fixed benches, modesty panels etc.	212.5	Sqm	-	-
21.00	Providing and fixing 6 mm thick calibrated BWP plywood confirming to IS 710 as per approved drawings and as per direction of engineer in charge, for wardrobes, cabinets, wooden panelling, partitions, glass fixing patta, fixed benches, modesty panels etc.	212.5	Sqm	-	-
22.00	Providing and fixing PVC/ABS edge beading 2 mm thick as per approved drawings and as per direction of engineer in charge for various thickness of plywood for wardrobes, cabinets, partitions etc..	3679	Rmt	-	-
23.00	Providing & fixing wooden band made from 12 mm thick marine plywood conforming to IS: 710 finishing with 4 mm thick birch ply (paid separately) and back side supporting second class teakwood/savan wood patti 47 X 47 mm top and bottom as per architectural drawing and as directed by engineer- in- charge	722	Rmt	-	-
24.00	Providing & fixing wooden band made from exterior Grade-I MDF Board 18 mm thick confirming to IS:14587 and back side supporting second class teakwood/savan wood patti 35x35 mm top and bottom as per architectural drawing and as directed by engineer- in- charge	153	Rmt	-	-
25.00	Providing & fixing C shaped pelmet made from 18 mm thick marine plywood conforming to IS: 710 finishing frontside and top with 4 mm thick birch ply (paid separately) and back side supporting to wall including all complete as per architectural drawing and as directed by engineer- in- charge.	370	Rmt	-	-

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26.00	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. a) 1.0 mm thick on one side only	5429.6	Sqm	-	-
27.00	b) 0.8 mm thick on one side only	1357.4	Sqm	-	-
28.00	Providing and fixing 6 mm thick calibrated birch plywood with each core of birch, birch face veneer of BB grade , density(700-750)kg/m3; water resistant WBP grade; E1 class of formaldehyde emission ; humidity of 5-10%; ultimate sheering strength1.5Mpa; in both long and cross grain direction of approved colour, texture sample as approved and as per direction of engineer in charge.	907.9	Sqm	-	-
29.00	Providing and fixing 4 mm thick calibrated birch plywood with each core of birch, birch face veneer of BB grade , density(700-750)kg/m3; water resistant WBP grade; E1 class of formaldehyde emission ; humidity of 5-10%; ultimate sheering strength1.5Mpa; in both long and cross grain direction of approved colour, texture sample as approved and as per direction of engineer in charge.	582.1	Sqm	-	-
30.00	Providing and fixing Wooden Grill made from second class teak wooden/savan wood louvers patti 40 x12 mm at centre to centre distance of 40 mm fixed to 50x20 mm wooden frame as per approved drawing and as directed by engineer in charge.	29	Sqm	-	-
31.00	Providing and fixing of wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (a) : Second class teak wood.	1.22265	Cum	-	-
32.00	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (a) : Second class teak wood 35 mm thick shutters	4	Sqm	-	-
33.00	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :	4	Sqm	-	-
34.00	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, lipping with 2nd class teak wood/savan wood battens 25 mm minimum depth on all edges of flush door shutters : (a) : 35 mm thick excluding ISI marked Stainless Steel butt hinges with necessary screws	72	Sqm	-	-
35.00	Providing and fixing Silver Color Coated Door Closer made of High Quality aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 80 kg , with double speed adjustment, Rack and pinion should be manufactured from steel alloy duly machined and heat-treated, suitable for right-hand and left hand door application,with necessary accessories and screws etc. complete as per drawing and as directed by engineer-in -charge..	51	No	-	-
36.00	Providing & Fixing S.S. 316 Grade Fire resistance BSEN 1634:1:2000 Certified & Mechanically tested BSEN 1935:2002 Satin Finish S.S. 316 Grade 4 ball bearings Hinges approximate size 102mm X 76mm X 3 mm minimum Weight 260 grm of approved make with AISI 316 Grade ball Bearing S.S. Pin, Cap, and with necessary S.S. Self Tapping Phillips Cross Head Screws etc. complete as per drawing and as directed by engineer-in -charge.	132	No	-	-

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37.00	Providing & Fixing S.S. 304 Grade Stainless Steel Satin Finish Round Tower bolt of overall length (excluding Bracket) 300 mm and inner bolt of dia meter 10mm and outer barrel dia meter 15 mm, minimum weight 430 grm. of approved make with necessary Nickel Plated Screws complete as per specified as per drawing and directed by Engineer in charge.	33	No	-	-
38.00	Providing & Fixing Satin Finish Brass Parliamentary Hinges with the Size of 100 X 75 X 4 mm of approved make with necessary fixing screws as specified as per drawing & as directed by engineer-in-charge.	8	No	-	-
39.00	Providing & Fixing Fire resistance BSEN 1634:1:2000 Certified & mechanically tested BSEN 1906:2010 Pair of AISI S.S. 316 Grade Satin Finish hollow Pipe or solid design Mortise Handle with the minimum weight 930 grm with S.S. 316 Grade euro profile escutcheons key hole for Mortise Pin Cylinder, high grade brass bushing for extra fixing strength for intensive use of door with back to back fixing screws system. of approved make with both side active mortise handle and spindle, High Quality Stainless Steel Wood Screws (8 PCS.) for minimum door thickness 30 mm as per drawing and as directed by engineer in charge. The Inner and Outer Rose of Mortise handle and Escutcheons must be of AISI 316 grade only.	33	No	-	-
40.00	Providing & Fixing Satin Finish Double Door Lock body , 26 mm brass latch. 52 mm lock with Back Set centre of approximate size 85 X 45 mm, of approved make, minimum Weight 0.880 grm suitable for minimum 30 mm thick Double Door Shutter with necessary fixing screw as specified as per drawing and as per directed by engineer in charge.	33	No	-	-
41.00	Providing & Fixing Fire resistance BSEN 1634:1:2000 Certified Satin Finish Mortise Lock body approximate size of back set 50 mm X 85 mm, with 52 mm Lock and 26 mm brass latch , Stainless steel main & Strike plate & including back to back fixing feature suitable for minimum door thickness 30 mm Single door shutter with necessary fixing screw as per specified as per directed by engineer in charge.	33	No	-	-
42.00	Providing & Fixing Satin Finish 6 pin Mechanism, high Quality brass body Mortise Pin Cylinder with 5 high accuracy Computerized Dotted keys of approved make one side key & one side knob suitable for minimum door thickness 30 mm with necessary Fixing Screw as specified and as per drawing and as per directed by engineer in charge.	33	No	-	-
43.00	Providing & Fixing Satin Finish S.S. Door Magnet length of 75 mm of approved make, minimum Weight 150 grm with necessary nickel plated screw complete, as specified, as per drawing and as directed by engineer in charge.	2	No	-	-
44.00	Providing & Fixing high Quality Zinc Material Door Stopper length of 150 mm including Rubber of approved make minimum Weight 260 grm with necessary Screws etc. complete as specified, as per drawing as directed by engineer-in-charge.	33	No	-	-
45.00	Providing & Fixing Stainless Steel S.S. 316 Grade C Shaped Handles in Satin Finish, 10 mm dia and centre to centre minimum 96mm size, minimum weight 94 grm with necessary screws etc. complete of approved make as per drawing and as directed by engineer-in-charge.	320	No	-	-
46.00	Providing & Fixing S.S. 304 Grade Stainless Steel Satin Finish Round Tower bolt of overall length (excluding Bracket) 100 mm and inner bolt of dia meter 10mm and outer barrel dia meter 15 mm, minimum weight 150 grm of approved make with necessary nickel Plated Screws complete as per specified as per drawing and directed by Engineer in charge.	160	No	-	-
47.00	Providing and fixing Satin Finish soft closing Clip on hinges of M.S.materials, Opening Angle should be 110 Degree or as required of Approved makes for cupboard shutters, kichen cabinets etc. with necessary concealed SS Screws complete, as spcified in drawing and as approved by Engineer in charge.	960	pair	-	-
48.00	Providing and Fixing Stainless Steel S.S. 304 Grade S Cupboard/ Wardrobe Lock for minimum 25 mm Door thickness with approved make with necessary screws etc. complete as approved drawing and as per direction of Engineer in charge.	160	No	-	-
49.00	Providing and fixing accoustical seal 6 mm thick neoprene rubber gasket as per drawing and as directed by engineer in charge.	249	Rmt	-	-

Name of the work : Tender for Interior & Fixed Furniture Works for Block A, Library and CR 330 for Proposed Permanent Campus for IIM Udaipur					
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Sr. No	Description of Item	Quantity	Unit	Rate (Rs)	Amount(Rs)
50.00	Providing and fixing acoustic seal for meeting point of double leaf door as per drawing and as directed by engineer in charge.	51	Rmt	-	-
51.00	Providing and fixing accoustical seal sweepers gasket as per drawing and as directed by engineer in charge.	35	Rmt	-	-
52.00	Providing and fixing accoustical Automatic door bottom seal RP8si seal, as per drawing and as directed by engineer in charge.	29	Rmt	-	-
53.00	Providing & fixing 50 mm thick resin bonded glass wool (48 kg/m3 density) packed in to Polythene bags in cavity held on 28Gx12, GI wire netting as per drawings, and as per direction of engineer-in-charge.	83	Smt	-	-
54.00	Filling the gap in between frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Up to 5mm depth and 5 mm width	765	Rmt	-	-
55.00	Providing and applying 12 mm thick (average) premixed formulated one coat gypsum lightweight plaster having additives and light weight aggregates as vermiculite/perlite respectively conforming to IS: 2547 (Part - 1 & II) 1976, applied on hacked / uneven background such as bare brick/ block/ RCC work on walls & ceiling at all floors and locations, finished in smooth line and level etc. Complete.	381	Sqm	-	-
56.00	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered/Gypsum or any other wall/ ceiling surface as required to prepare the surface even and smooth complete.	2981	Sqm	-	-
57.00	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	1761.70362	Sqm	-	-
58.00	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With water thinnable cement primer on wall, ceiling and partitions surface having VOC content less than 50 grams/litre	2981	Sqm	-	-
59.00	Painting with premium acrylic emulsion paint of interior grade , 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. Two coats	2981	Sqm	-	-
60.00	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	352	Sqm	-	-
61.00	Providing and applying two coats of fire retardant paint on cleaned wood / ply / steel surface @ 3.5 sqm per litre per coat including preparation of base surface as per recommendations of manufacturer to make the surface fire retardant.	2973	Sqm	-	-
62.00	Removing dry or oil bound distemper, melamine polish, water proofing cement paint and any other color like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	3172	Sqm	-	-
63.00	Providing and applying Melamine polishing with "Asian paints Melamine Gold" or "Timber tone Melamine" of ICI Dulux or "Wudfin of Pidilite Industries Limited", on wood & veneer works (two or more coats) including preparation of surface and staining to the approved colour and shade as per the manufacturers specifications including scaffolding, curing, cleaning the surfaces and other incidental work to be done etc. complete at all floors for any height as directed by engineer in charge.	1245	Sqm	-	-
64.00	Varnishing with varnish of approved brand and manufacture : Two or more coats of glue sizing with copal varnish over an under coat of flatting varnish	94	Sqm	-	-

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Sr. No	Description of Item	Quantity	Unit	Rate (Rs)	Amount(Rs)
65.00	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, and levelling including cement slurry complete as per direction of engineer in charge.	38	Cum	-	-
66.00	Providing and laying GVT vitrified floor tiles in different sizes (thickness to bespecified 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), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.	250	Sqm	-	-
67.00	Providing and application for 2mm Self-Leveling Epoxy flooring system, including surface preparation by diamond grinding for providing physical key with the base floor, filling the constructionjoints with epoxy mortar,laying of 200 microns epoxy primer of approved make, followed by 1000 microns self-smoothing Epoxy screed and top layer of 1000 micron self –smoothing epoxy flooring of Floortop 1000 , laid as per standard shade from the colour and as per manufacturers' specification and as direction of engineer in charge.	1027	Sqm	-	-
68.00	Providing & laying 2.0/2.5 mm thick approved Linoleum Flooring as per EN 548, made up of 97% natural raw materials and out of which 70% should be rapidly renewable. The product must have natural & permanent bacteriostatic property even against MRSA bacteria as per manufacturer's specifications and the independent test reports for the same must be submitted by the manufacturer. The product must be approved by TERI- GRIHA (Green Rating for Integrated Habitat Assessment). It is compusory to use multi-coloured welding rods similar to the shade and texture of the floor to complement the floor colour of the flooring material. The joints between 2 rolls should be welded using a hot air welding gun. The product will have UV curved Top shield-2 comprising of 2 layers, top coating of primer and acrylic to provide better performance. This coating should be resistant to Betadine stains. Acoustical impact noise reduction as per ENISO717- 2- 4 dB ,Indentation Residual as per EN-ISO 24343-1 : 0.15mm. The product should be SMART Platinum Certified ((Sustainable Materials Rating Technology)by USA. The product should carry third-party, independent, Life Cycle Analysis (multi-attribute) to show its environmental footprint from Cradle to Grave.Flooring should be done as per manufacturers specifications and as directed by engineer in charge.	590	Sqm	-	-
69.00	Providing and Fixing of Flocked Carpet rolls flooring having a density of 70 mn fibres of nylons 6.6 per sqm firmly anchored into a waterproof backing and having an average recycled content of 20%. The carpet must inhibit the growth of Bacteria and Fungi. The Carpet must be Zero Emission carpet (Emission below detection limit after 28 days in accordance to ISO 16000-9 requirements). Fire Test EN-13501, Appearance Retention Hexapod ISO 140-8, Friction Slip resistance Test EN 14041 Class DS, Sanitized anti- microbial treatment with resilient water proof backing. The carpet should be anti stactic and thickness shall be 4.3 mm/ with approximate weight of 1.8 kg/ sqm. The carpet should be a acoustical property Impact sound Lw = 20 dB, Sound absorption = 0.10, as per ISO 354. The rate shall be inclusive of fixing at site as per the drawings and direction of Engineer in charge complete in all respect.	879	Sqm	-	-
70.00	Providing and fixing 25 mm wooden planking , tongued and grooved in flooring , including fixing with iron screws complete with, Second class teak wood supporting structure as required on stage including Providing and fixing 6 mm to 12 mm thick High Density polyurethane foam having density of approx. 90 kg/cum. fixed to Ply wood sheet or Concrete floor with suitable adhesive to act as couchining foam below the wooden flooring.	31	Sqm	-	-
71.00	Supply and Fixing of Slim Glass partition of 10mm Toughened Glass using profile System- Frames clip profile to a height as per architectural drawing and as per manufacturers specifications .The Fixed glass to be fixed using Profiles at Top & Bottom & fixed frame cleat . The profile size to be 45x25MM to be fixed on to the floor/ ceiling as per the design. H Junction profile to be used at Glass to Glass vertical joints, 90 Deg L Junction Profiles and T Junction profiles necessary as per design.In case of Glass overall panel Overpanel Profile to be used. The Profile shall be matt natural anodized, the Profile Manufacturer to supply all the necessary clips, seals and fixing accessories for the system. All Profiles to be with 2 mm Gauge thickness Excluding 20 Micron of Anodizing. All joints of the glass to glass and glass to wall/floor/ceiling shall be filled with RTV silicon sealant of structural grade and weathering grade of approved make , to make the partition leak proof, complete . The sound reduction between two spaces with this glass partition shoud meet criteria of NBC 2016, volume II, part 8 building services, section 4 acoustic, table no 6.2.4.2. The contractor shall submit the detailed shop drawing showing all junction details and get the same approved from Engineer - in - Charge before executing this item.	907	Sqm	-	-

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Sr. No	Description of Item	Quantity	Unit	Rate (Rs)	Amount(Rs)
72.00	Supply & Fixing of Glass Door (Single Leaf) of 10mm toughened glass with profile System- frames all around the door with complete assembly to a height as per architectural drawing and as per manufacturers specifications .Door Profile frame of size 45X50mm with seals with Hinges (3nos) & Studio Gala Locks (1no) & Studio Gala lever handles in aluminium silver (EV1) finish , Euro profile cylinder and Door closer with slide channel and Hold Open Unit (as per EN 1154) and saddle plate for fixing on the Glass door and necessary seals to be provided all around the door frames.The Profile shall be matt natural anodized, the Profile Manufacturer to supply all the necessary clips, seals and fixing accessories for the system. All Profiles to be with 2 mm Gauge thickness including 20 Micron of Anodizing. The sound reduction between two spaces with this glass partition should meet criteria of NBC 2016, volume II, part 8 building services, section 4 acoustic, table no 6.2.4.2. The contractor shall submit the detailed shop drawing showing all details as directed by Engineer - in - Charge.	33	Sqm	-	-
73.00	Providing and fixing Automatic Sliding door operator, compliant with future European standards and produced according to the guidelines for power-operated windows, doors and gates, BGR 232, the UVV and the VDE regulations. TÜV design tested, according to the low voltage guidelines, fulfils DIN 18650 standards, for framed glass door application with ST-Flex Profiles Systems or equivalent , modular design including internal cover and with 12 mm toughned glass for sliding door panels and fixed panels, both sliding & fixed panels with framed profile system with Interlocking Seals.Operator & Frame Finish should be Silver Anodised E6/C0, with operator dimensions (H x D) : 100 x 180 mm and of length as required to suit the opening size. The track profile should be separate from the main profile for enabling reduction in vibration insulation. Microprocessor-controlled control unit, Self-learning, with adjustable parameters for opening and closing speed, hold-open time and opening and closing force, reversing when obstruction is encountered, Class of protection IP 20. Activators- Prosecure Opti Combi 1 Sensor System (02 Nos), Light barriers, comprising receiver and transmitter - 02 Pair with Electro-mechanical locking, Bistable, Program Switch with Key. Max Panel Weight Carrying Capacity of 2 X 120 Kgs. The system shall have constant power supply 230V+ 5%, 50Hz, AC .The requirement in total is as mentioned ,wall conneting profiles be used on top of overpanel and on all sides to fixed panels only .The above work should complete in all respect as per approved drawings and as directed by Engineer-in-Charge.	19	Sqm	-	-
74.00	Extra for providing and fixing frosted glass panes instead of plain clear glass as per drawing and as directed by engineer in charge.	97	Sqm	-	-
75.00	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	8558	Kg	-	-
76.00	Demolishing brick work/RCC Work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	5.625	Cum	-	-
77.00	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS : 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board 510x1040 mm bowl depth 250 mm. Conforming to Manufacturers Standards and to the specified by engineering in-charge.	1	No	-	-
78.00	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture, laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding, holes and polishing to edges to give high gloss finish etc. complete at all levels.	2.16	Sqm	-	-

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Sr. No	Description of Item	Quantity	Unit	Rate (Rs)	Amount(Rs)
79.00	Supplying and Fixing of Factory Fabricated Teachers table having main desk of size 1200 x 600 x 740 mm (All dimensions shall have tolerance of \pm 20 mm based on manufacturer standard Sizes) with top and modesty panel of 18 mm thick Calibrated BWP Plywood and based support structure of MS ERW Tubes of size 25mm x 25mm with Epoxy polyested paint finish of 50-60 micron thickness including pedestal unit of size 355(W)x670(H)x560(D) in CRCA material painted with Epoxy powder coating of 50-60 micron with stiffeners. The other side of the table shall have a CPU hanger of CRCA steel sheet to place the CPU. The Plywood shall be provided with 1 mm thick Decorative laminate on the top surface and the edges shall be covered with 18 mm thick teakwood Beading. The color shall be as per the as per the archtiects selection. All the Accessories and Fixtures shall be of approved make or as per manufacturers Specifications. The Rate shall be inclusive of all material and labour required to finish the work as per the drawings. The table Laminate selection shall be as per the archtiects selection. Selections shall be as per approved make basket and approved make list.	6	No	-	-
80.00	Supplying and Placing Mid Back Revolving Chair of size 760mm W x 760mm D x 850-970 mm H. The seat & back made from 12mm thick hot pressed plywood and upholstered with frabic and moulded polyurethane foam. The back foam is deigned with contoured lumber support for extra comfort. The Seat Size: 470mm W X 480mm D and Back Size 475mm W x 695mm H. The HR polyurethane foam is moulded with density of 45 +/- 2 kg per meter cube and hardness load of 16 +/- 2 kgf as per IS 7888 for 25% Compression. The Armerest should be of one-piece armrest are fitted to the seat are injection moulded black polypropelene. There should be a synchnous tilt mechanism designed with 360 degree revolving type and upright locking. There should be gas lift having Height adjustment of stroke of 120mm. Below should have 3 piece telescopic type and injection moulded in black Polypropylene. The pedestal should be injection moulder black polypropelene in black 30% glass-filled nylon. The pedestal of 660mm +/- 5mm pitch-center dia. The color of the chair fabric shall be as per architects selections. All the moving parts shall be tested as per relevant ANSI/BIFMA Standards. Selections shall be as per approved make basket and approved make list.	0	No	Deleted	Deleted
81.00	Providing and fixing Electric Cable Tray of approved make as per drawing and as directed by engineer in charge.	388	Rmt	-	-
82.00	Providing and fixing Wall Clock of approved make as per drawing and as directed by engineer in charge.	0	No	Deleted	Deleted
83.00	Providing and fixing Name Tag for Student desk made out of 2 mm thick clear acrylic sheet of dimension 125 mm x 30 mm of approved make as per drawing to be fixed on to the front face of the table surface such that there is a gap suitable to place a name card in the space created between the table face and the acrylic sheet. Contractor has to prepare a mock up at site for approval from the archtiect before commencement of the work. The rate shall be inclusive of Acrylic sheet, screws, adhesives etc required to complete the work as directed by and to the satisfaction of the engineer in charge.	0	No	Deleted	Deleted
84.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group B	893	point	-	-
85.00	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	598	point	-	-
86.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required			-	-
87.00	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire (Plug Point, SB Main)	5701	Meter	-	-
88.00	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	3346	Meter	-	-
89.00	Supplying and fixing stepped type electronic fan regulator on theexisting modular plate switch box including connections but excluding modular plate etc. as required.	90	Each	-	-
90.00	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	121	Each	-	-

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Sr. No	Description of Item	Quantity	Unit	Rate (Rs)	Amount(Rs)
91.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	598	Each	-	-
92.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	240	Each	-	-
93.00	Suppling of LED Profile Light (Linear) Model No. = TZ LED LM-35 Wipro or Equivalent as per drawing and as directed by engineer in charge.	0	Each	Deleted	Deleted
94.00	Supplying of LED Surface/Concealed Light (Round) of approved make as per drawing and as directed by engineer in charge.	0	Each	Deleted	Deleted
95.00	Supplying of 1200mm Dia Sweep Ceiling Fan with Fan Hook as per approved color & equivalent to Crompton make high speed type...	0	No	Deleted	Deleted
96.00	Installation of Light Fixture Installation, testing and commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.	271	Each	-	-
97.00	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	90	Each	-	-
98.00	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 2 Pair	40	Meter	-	-
99.00	4 Pair	60	Meter	-	-
100.00	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.			-	-
101.00	1 run of cable	2990	Meter	-	-
102.00	2 run of cable	598	Meter	-	-
103.00	Providing and supplying versatile intumescent expanding foam CP 620 of HILTI or equivalent make. The product shall be tested for withstanding Zone 4 earthquake when tested in accordance with acceleration time history waveform VERTEQII as per IEC 60068 and Telcordia Technologies GR-63-Core 2006-03. The product shall be age tested for 30 years as per Dafstb and DIBT standards. The product shall provide water tightness when tested for W rating as per UL standards and shall be tested for providing a sound insulation of 50 when tested in accordance with ASTM E 90. The product shall be tested and approved by third party agencies such as UL, FM and LPCB. The product shall bear the UL and FM approval logo on the packing.	9	Cartridge	-	-
				-	
Total Amount					-