

Name of Work : Interior/Renovation work in SIDBI Office at Atmaram House,1 Tolstoy Marg,New Delhi

COST SUMMARY OF INTERIOR FITMENTS WORK INCLUDING MISC. CIVIL , SANITARY WORKS,ELECTRICAL, FIRE ALARM AND FIRE SUPRESSION WORKS

S.No.	DESCRIPTION OF ITEMS	Amount [IN RS]
1	INTERIOR FITMENTS WORK INCLUDING MISC. CIVIL AND SANITARY WORKS	17955277.35
2	ELECTRICAL AND NETWORKING WORKS	4787658.00
3	FIRE ALARM WORKS	830500.00
4	FIRE SUPRESSION WORKS	2484870.00
5	TOTAL	26058305.35
6	PERCENTAGE QUOTED	
7	GRAND TOTAL [IN FIGURES]	
8	GRAND TOTAL [IN WORDS]:	
	Note- The above amount is exclusive of applicable GST.	

**Name of Work : Interior/Renovation work in SIDBI Office at Atmaram House,1
Tolstoy Marg,New Delhi**

**COST SUMMARY OF INTERIOR FITMENTS WORK INCLUDING MISC. CIVIL AND
SANITARY WORKS**

S.No.	DESCRIPTION OF ITEMS	Amount
1	REINFORCED CEMENT CONCRETE WORK	335929.00
2	BRICK WORK	90039.00
3	MARBLE AND GRANITE WORK	1111595.00
4	WOOD WORK	1019618.00
5	FLOORING WORK	1980127.00
6	ROOFING WORK	1260259.00
7	FINISHING WORK	394733.00
8	ALUMINIUM WORK	576312.00
9	PLUMBING WORK	172134.70
10	Non DSR Items	11014530.65
12	GRAND TOTAL	17955277.35

Name of Work : Interior/Renovation work in SIDBI Office at Atmaram House,1 Tolstoy Marg,New Delhi						
ABSTRACT OF COST						
S.No.	DSR Item No.	Description of Item	Unit	Qty.	Rate	Amount
		SH RCC work				
1	5.3	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) : 3 graded stone aggregate 20 mm nominal size).	cum	15	7390.80	110862.00
2		Centering and shuttering including strutting, propping etc. and removal of form for :				
2.1	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	sqm	20	422.30	8446.00
2.2	5.9.4	Shelves (Cast in situ).	sqm	20	422.30	8446.00
2.3	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	sqm	20	342.90	6858.00
3		Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	5.22.3	Thermo-Mechanically Treated bars of grade Fe-500 D or more.	kg	2400	56.60	135840.00
4		Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc., up to floor five level, excluding the cost of centering, shuttering and finishing :				
	4.2.3	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	10	6547.70	65477.00
						335929.00
		SH Brick work				
5		Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	6.4.2	Cement mortar 1:6 (1 cement :6 coarse sand)	cum	10	5582.85	55829.00
6		Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	6.13.2	Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	50	684.20	34210.00
						90039.00
		SH Marble/ granite/ corean work				
7	8.5	Extra for providing opening of required size & shape for wash basins/ kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite/stone work including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete.	Each	12	427.95	5135.00
8		Stone tile (polished) work for wall lining over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and cement slurry @ 3.3 kg/sqm including pointing in white cement complete.				
		8mm thick.				
	8.9	Granite of any colour and shade.	sqm	81	2018.00	163458.00

9		Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building, all complete as per the architectural drawings, with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand), laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing and polishing etc. all complete as specified and as directed by the <u>Engineer-in-Charge.</u>				
	8.13.1	Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	sqm	321	2937.70	943002.00
		TOTAL COST OF MARBLE AND GRANITE WORK				1111595.00
		WOOD WORK				
10	9.2	Providing laminated veneer lumber conforming to IS:14616 and TAD -15: 2001 (Part B) in factory made frames of doors, windows, clerestory windows and other frames, wrought framed and fixing in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).	cum	2	98053.60	196107.00
11		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.				
		Second class teak wood				
	9.5.1	35 mm thick shutters	sqm	16	2548.15	40770.00
12		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:				
		Float glass panes				
	9.7.7.1	5.5 mm thick glass panes	sqm	16	1456.80	23309.00
13		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 hark wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters :				
	9.21.2	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	sqm	65	1559.75	101384.00
14		Extra for providing vision panel in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured) :				
	9.24.1	Rectangular or square.	sqm	16	162.60	2602.00
15		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.				
	9.33.3	40 mm long	each	309	21.50	6644.00
16		Providing and fixing oxidised M.S. double acting spring hinges with necessary screws etc. complete.				
	9.60.1	150 mm	each	19	222.90	4235.00
17		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.				
	9.127.2	1.0 mm thick.	Sqm	16	518.00	8288.00

18	9.118	25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762 mm X 25 mm or less as per requirement with an average wall thickness of 1 mm (± 0.3 mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (± 0.1 mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25 mm X 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places.	sqm	20	2154.75	43095.00
19	9.136	Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I. sheet (zinc coating not less than 120gm/sqm) duly filled with vermiculite based concrete mix, suitable for mounting 60 minutes fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10x4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge(Dash fastener to be paid for separately).	metre	24.00	1249.20	29981.00
20	9.137	Providing and fixing 50 mm thick glazed fire resistant door shutters of 60 minutes fire rating conforming to IS:3614 (Part-II) tested and certified as per laboratory approved by Engineer-in-charge with suitable mounting on doorframe, consisting of vertical styles, lock rail, top rail 100mm wide, bottom rail 200mm wide, made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/sqm) duly filled FR insulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-in- charge (pannelling to be paid for separately).	sqm	8.00	5335.85	42687.00
21		Providing and fixing factory made uPVC white colour sliding glazed door comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 \pm 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension uPVC extruded glazing beads, uPVC extruded interlock and uPVC extruded Inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle with key on one side of extreme panels along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) crescent lock (if required), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc.				

		Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge.				
		(Single / double glass panes, wire mesh and silicon sealant shall be paid separately).Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.				
	9.147.F.1	Two track two panels sliding door made of (big series) frame 67 x 50 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 2.00 sqm upto 5.00 sqm).	sqm	101	5062.15	511277.00
22		Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete.				
	9.165.1	125 mm	each	103	89.70	9239.00
		TOTAL COST OF WOOD WORK				1019618.00
		SH Flooring				
23		Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.				
	11.3.1	40 mm thick with 20 mm nominal size stone aggregate	sqm	217	362.60	78684.00
24		Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement.				
	11.6.1	18 mm thick.	sqm	8	350.05	2800.00
25		Providing and fixing glass strips in joints of terrazzo/ cement concrete floors.				
	11.13.1	40 mm wide and 4 mm thick.	metre	451	52.50	23678.00
26	11.24	Extra for pre finished nosing to treads of steps of marble stone.	metre	126	306.25	38588.00
27	11.25	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 metre .	sqm	58	357.95	20761.00
28	11.47.2	Providing and laying Vitrified 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 brand & manufacturer in all colours and shade in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints(Payment for grouting of joints to be made separately).	sqm	950	1240.60	1178570.00
		Size of Tile 600x600 mm				
29	11.46.2	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make in all colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete.	sqm	105	1135.20	119196.00
		Size of Tile 600x600 mm				

30	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	sqm	561	744.80	417833.00
31	11.4	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigments etc., complete.	sqm	111	901.05	100017.00
						1980127.00
		SH Roofing				
32		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 wall/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 :				
	12.45.1	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I.	sqm	526	806.20	424061.00

33		Providing and fixing mineral fibre false ceiling tiles at all heights of size 595X595mm of approved texture, design and pattern. The tiles should have Humidity Resistance (RH) of 99%, Light Reflectance >= 85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Fire Performance as per (BS 476 pt - 6 &7)in true horizontal level suspended on interlocking T-Grid of hot dipped all round galvanized iron section of 0.33 mm thick (galvanized @120 gsm) comprising of main T runners of 15x32 mm of length 3000 mm, cross T of size 15x32mm of length 1200 mm and secondary intermediate cross T of size 15x32 mm of length 600 mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel item (galvanised @ 80gsm) 50 mm long 8mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'T'.				
		The system should rest on periphery walls /partitions with the help of GI perimeter wall angle of size24x24X3000 mm made of 0.40 mm thick sheet, to be fixed to the wall with help of plastic rawl plug at 450 mm centre to centre & 40 mm long dry wall S.S. screws. The exposed bottom portion of all T-sections used in false ceiling support system shall be pre- painted with polyester baked paint, for all heights. The work shall be carried out as per specifications, drawings and as per directions of the Engineer-in-charge.				
	26.27.2	With 20 mm thick beveled tegular mineral fibre false ceiling tile (NRC 0.7)	sqm	397.00	1783.80	708169.00
34		Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc.				
		Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.				

	12.52.2	GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.	sqm	110	1163.90	128029.00
						1260259.00
		FINISHING WORK				
35		12 mm cement plaster of mix:				
	13.4.1	1:6 (1 cement : 6 coarse sand)	sqm	470	168.25	79078.00
36		15 mm cement plaster on rough side of single or half brick wall of mix:				
	13.5.2	1:6 (1 cement: 6 coarse sand)	sqm	470	194.60	91462.00
37		6 mm cement plaster of mix: 1:3 (1 cement : 3 Fine sand)				
	13.16.1	1:3 (1 cement : 3 Fine sand)	sqm	250	143.80	35950.00
38	13.80	Providing and applying white cement based putty of average thickness 1 mm to 3 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	941	87.35	82196.00
39		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.				
	13.82.2	Two Coats	Sqm	1435	73.90	106047.00
						394733.00
		SH Aluminium Work				
40		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 .				
	21.3.2	With float glass panes of 6 mm thickness	sqm	230.83	1003.95	231744.00
41		Filling the gap in between aluminium frame & adjacent RCC/ Brick/stone work by providing weather silicon sealent over baker rod of approved quality as per architectural drawings and direction of Engineer-in-Charge				
	22.3	Upto 5 mm depth & 5 mm width	metre	1179	62.45	73629.00
42	21.18	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).	sqm	17	4608.85	78350.00
43		Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge				
	26.28.1	75mm average thickness	sqm	20	167.15	3343.00

44		Providing and erecting 2.00 metre high temporary barricading at site; each panel of size 2.50m x 2.00m made of 40x40x6 mm angle iron or 50x50x3 mm hollow MS tube posts/ horizontal members/ bracings covered with 1.63 mm thick MS sheet. The sheet shall be fixed with 30x5 mm MS flat by suitable welding / riveting. The panels shall be made so that gap of 50 cm above the ground is available making over all height as 2.50m. MS channel ISLC 75 @ 5.70 kg/m, 50 cm long shall be provided at the bottom having oval shaped holes of size 50x25 mm at both ends with 50 cm long MS angle 40x40x6 mm bracing.				
		Suitable arrangement shall be made to fix the barricading to avoid from overturning by providing 250 mm long expansion fasteners at both ends.				
	16.81.CS5	The work shall be executed as per drawing/ direction of Engineer-in-Charge which includes writing and painting, arrangement for traffic diversion such as traffic signals during construction at site for day and night, glow lamps, reflective signs, marking, flags, caution tape as directed by the Engineer-in- Charge. The barricading provided shall be retained in position at site continuously i/c shifting of barricading from one location to another location as many times as required during the execution of the entire work till its completion. Rate include its maintenance for damages, painting, all incidentals, labour, materials, equipments and works required to execute the job. The barricading shall not be removed without prior approval of Engineer-in-Charge.	metre	120	1577.05	189246.00
		(Note :- One time payment shall be made for providing barricading from start of work till completion of work i/c shifting. The barricading provided shall remain to be the property of the contractor on completion of the work).				
		Total				576312.00
SANITARY FIXTURES, SOIL & WASTE, WATER SUPPLY, SEWAGE & DRAINAGE						
		DSR ITEMS				
		Sanitary Fixtures				
45		Providing and fixing vitreous china pedestal type water closet (European type) of any approved color with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	17.3.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	16	4593.75	73500.00
46		Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	17.7.2	Any approved color Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap.	Each	16	2020.60	32329.60

47	17.8	Providing and fixing Any approved color vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	Each	8	5162.20	41297.60
48		Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :				
	17.11.1	Size 450x300x150 mm	Each	2	2476.60	4953.20
49		Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.1.2	40 mm dia	Each	18	81.40	1465.20
50		Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	18.53A	15mm nominal bore	Each	16	475.70	7611.20
51		Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
	18.49.1	15 mm nominal bore.	Each	2	371.70	743.40
		Water Supply System				
52		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. (Pipes inside toilets in wall Chase).				
52.1	18.8.1	15 mm dia. Nominal bore	Metre	30	246.20	7386.00
52.2	18.8.2	20 mm dia. Nominal bore	Metre	10	284.85	2848.50
		Total				172134.70
		NON DSR ITEMS				
1		Providing and LAYING AT SITE 8mm THICK PERGO UNIVERSAL LAMINATE FLOOR - CLASS OF USE 23(31), AC-4 as per EN 13329:2000), with 0.2mm THICK DIRECT LAMINATE ON TOP OF SRECIALLY DEVELOPED SOBSTRATE CORE OF PLANK SIZE 1285 MM X 195MM HAVING SMARTLOCK TOUNGE AND GROOVE CONTRUCTION WITH EDGES DULY IMPREGRATED TO SECURE LONG LASTING JOINTS SECURED TOGETHER CONFIRM TO EN 13329.	sqm	228	2050.00	467400.00
2		P/F stainless steel door stopper of godrej cat no.8830	each	46	717.20	32991.00
3		Providing and fixing Stainless steel Tower bolts of Door set or equivalent make with necessary screws etc. all complete as per direction of Engineer-in-charge				
3.1		450x10 mm	each	44	2003.59	88158.00
3.2		200x10 mm	each	44	1284.97	56539.00
4		Providing and fixing Stainless steel sliding door bolts of Door set or equivalent make with necessary screws etc. all complete as per direction of Engineer-in-charge				
4.1		300x16 mm	each	21	2816.10	59138.00
4.2		250x16 mm	each	29	2394.00	69426.00
5		Providing & fixingl stainless steel patch fittings of approved make for frameless door				

5.1		Top & bottom Pivot	each	12	2826.00	33912.00
5.2		Door Closer	each	6	6496.00	38976.00
5.3		Lock with adopter	each	6	5059.00	30354.00
5.4		Floor spring	each	6	8518.00	51108.00
6		Providing and fixing of full height solid partition upto bottom of false ceiling [with laminate finish] , framework to be securely fastened to the bottom of slab and floor, as per drawing and as per the following specification				
		Mirandi wood sub frame (50x40)mm, both ways 600mm C/C or as per site				
		6mm MDF brd on both sides duly fixed				
		with 1mm thick laminate of approved shade on both sides with groove as/drwing. [Basic Rate upto 500 Rs/sqm]				
		all exposed edges of sub frame/MDF/ laminate, to be finished with 1st class teak wood or equivalent wood beading, size as per drawing				
		All wooden surface to be treated suitably with anti-termite and anti-borax treatment before fabrication. All wood work should be suitably seasoned				
		50mm thick glass wool wrapped in wire mesh to be provided between the 6mm MDF brd securely fixed to the sub frame.				
		(One side face area to be measured for payment)	sqm	71	3800.00	269800.00
7		Providing and fixing of full height solid partition upto bottom of false ceiling [with veneer finish] , framework to be securely fastened to the bottom of slab and floor, as per drawing and as per the following specification				
		Mirandi wood sub frame (50x40)mm, both ways 600mm C/C or as per site				
		6mm MDF brd on both sides duly fixed				
		with 4mm thick veneer of approved shade on both sides with groove as/drwing. The veneer surface to be finished with PU polish. [Basic Rate upto 1000 Rs/sqm]				
		all exposed edges of sub frame/MDF/ laminate, to be finished with 1st class teak wood or equivalent wood beading, size as per drawing				
		All wooden surface to be treated suitably with anti-termite and anti-borax treatment before fabrication. All wood work should be suitably seasoned				
		50mm thick glass wool wrapped in wire mesh to be provided between the 6mm MDF brd securely fixed to the sub frame.				
		(One side face area to be measured for payment)	sqm	34	5000.00	170000.00
8		Providing and fixing full glass partition as per drawing and as per the following specifications				
		12mm thick toughened clear glass panel embedded in floor and ceiling with Aluminium channel of suitable size. Glass to glass junction suitably fused with silicon treatment.				
		The glass panel to be framed within wooden beading size as per drawing on all sides duly finished with PU polish.				
		(One side face area to be measured for payment)	sqm	138	5500.00	759000.00
9		Providing and fixing of full height partially glazed and partially solid partition upto bottom of false ceiling [with laminate finish] , framework to be securely fastened to the bottom of slab and floor, as per drawing and as per the following specification				
		Mirandi wood sub frame (50x40)mm, both ways 600mm C/C or as per site				
		6mm MDF brd on both sides duly fixed				

		with 1mm thick laminate of approved shade on both sides with groove as/drwnng. [Basic Rate upto 500 Rs/sqm]				
		all exposed edges of sub frame/MDF/ laminate, to be finished with 1st class teak wood or equivalent wood beading, size as per drawing				
		Clear toughened glass panel 12mm thick to be provided as per drawing with wooden beading all around, from 300 /900mm to 2100/2400 mm				
		All wooden surface to be treated suitably with anti-termite and anti-boror treatment before fabrication. All wood work should be suitably seasoned				
		50mm thick glass wool wrapped in wire mesh to be provided between the 6mm MDF brd securely fixed to the sub frame.				
		(One side face area to be measured for payment)	sqm	44.00	5400.00	237600.00
10		Providing and fixing of full height partially glazed and partially solid partition upto bottom of false ceiling [with veneer finish] , framework to be securely fastened to the bottom of slab and floor, as per drawing and as per the following specification				
		Mirandi wood sub frame (50x40)mm, both ways 600mm C/C or as per site				
		6mm MDF brd on both sides duly fixed				
		with 4mm thick veneer of approved shade on both sides with groove as/drwnng. The veneer surafce to be finished with PU polish. [Basic Rate upto 1000 Rs/sqm]				
		all exposed edges of sub frame/MDF/ laminate, to be finished with 1st class teak wood or equivalent wood beading, size as per drawing				
		Clear toughened glass panel 12mm thick to be provided as per drawing with wooden beading all around, from 300 /900mm to 2100/2400 mm				
		All wooden surface to be treated suitably with anti-termite and anti-boror treatment before fabrication. All wood work should be suitably seasoned				
		50mm thick glass wool wrapped in wire mesh to be provided between the 6mm MDF brd securely fixed to the sub frame.				
		(One side face area to be measured for payment)	sqm	9	6750.00	60750.00
11		Providing and fixing of wall paneling as per drawing and following specifications:				
		Mirandi wool sub frame (25x50)mm fixed to the wall 600mm C/C both ways or as per drawing with fastners				
		With 6mm thick MDF brd over the frame and 1mm thick laminate as per approved shade over the 6mm thick MDF brd with grooves as per drawing.				
		All ply/ boards etc. should be suitably treated with anti-termite/ anti-boror treatement befor fabrication. All wood work shall be suitably seasoned				
		25mm thick glass wool suitably wrapped in wire mesh to be provided between the 6mm th.MDF brd and wall securely fixed to the subframe.				
		(One side face area to be measured for payment)	sqm	816	3000.00	2448000.00
		PARTITION PT-4A				
12		Providing and fixing of low height solid partition upto 1200mm height [with laminate finish] , framework to be securely fastened to the floor, as per drawing and as per the following specification				
		Mirandi wood sub frame (50x40)mm, both ways 600mm C/C or as per site				
		6mm MDF brd on both sides duly fixed				
		with 1mm thick laminate of approved shade on both sides with groove as/drwnng. [Basic Rate upto 500 Rs/sqm]				

		all exposed edges of sub frame/MDF/ laminate, to be finished with 1st class teak wood or equivalent wood beading, size as per drawing				
		All wooden surface to be treated suitably with anti-termite and anti-borax treatment before fabrication. All wood work should be suitably seasoned				
		(One side face area to be measured for payment)	Sqm	90	3800.00	342000
		PARTITION PT-4A				
13		Providing and fixing of low height solid partition upto 1200mm height [with veneer finish] , framework to be securely fastened to the floor, as per drawing and as per the following specification				
		Mirandi wood sub frame (50x40)mm, both ways 600mm C/C or as per site				
		6mm MDF brd on both sides duly fixed				
		with 4mm thick veneer of approved shade on both sides with groove as/dwng. The veneer surface to be finished with PU polish. [Basic Rate upto 1000 Rs/sqm]				
		all exposed edges of sub frame/MDF/ laminate, to be finished with 1st class teak wood or equivalent wood beading, size as per drawing				
		All wooden surface to be treated suitably with anti-termite and anti-borax treatment before fabrication. All wood work should be suitably seasoned				
		(One side face area to be measured for payment)	Sqm	10	5000.00	50000
		STORAGE UNIT				
14		STORAGE UNIT (SU-1A)				
		Providing and fixing of storage units [with outside veneer finish] 450mm deep and Approx. 800/ 900mm high and length as per drawing and as per the following specifications:				
		18mm thick MDF brd carcass with two pull out drawers height 400/ 450mm with telescopic channels. Outside finished with 4mm thick veneer of approved shade and PU polish. Inside to be finished with 0.8 mm thick balancing laminate Back skin in 6 mm th MDF brd with 0.8 mm th laminate on inner side.				
		All hardware including bolt hinge, handles, magnet, catcher,locks, towel bolt, telescopic channels shall be in stainless steel.				
		(One side face area to be measured for payment)	Sqm	30	9180	275400
		STORAGE UNIT (SU-1B)				
15		Providing and fixing of storage units [with outside laminate finish] 450mm deep and Approx. 800/ 900mm high and length as per drawing and as per the following specifications:				
		18mm thick MDF brd carcass with two pull out drawers height 400/ 450mm with telescopic channels. Outside finished with 1mm thick laminate of approved shade. Inside to be finished with 0.8 mm thick balancing laminate Back skin in 6 mm th MDF brd with 0.8 mm th laminate on inner side.				
		All hardware including bolt hinge, handles, magnet, catcher,locks, towel bolt, telescopic channels shall be in stainless steel.				
		(One side face area to be measured for payment)	Sqm	150	6885	1032750
		OVERHEAD STORAGE UNIT				
		OVERHEAD STORAGE UNIT (OH-1A)				
16		Providing and fixing of overhead storage units [with outside laminate finish] 300mm deep and 600mm/900mm high and length as per drawing and as per the following specifications:				

		18mm thick MDF brd carcass with one intermediate shelf (in the case of 900mm high unit) and shutters.Outside to be finished with 1mm thick laminate and approved shade. Inside to be finished with 0.8 mm thick balancing laminate.Back skin in 6 mm th MDF brd with 0.8 mm th laminate on inner side				
		All hardware including bolt hinges, handles, magnets, catcher, lower bolt, locks, sliders, shall be in stainless steel.				
		(One side face area to be measured for payment)	Sqm	45	7200.00	324000
		OVERHEAD STORAGE UNIT (OH-1B)				
17		Providing and fixing of overhead storage units [with outside veneer finish] 300mm deep and 600mm/900mm high and length as per drawing and as per the following specifications:				
		18mm thick MDF brd carcass with one intermediate shelf (in the case of 900mm high unit) and shutters.Outside to be finished with 4mm thick veneer with PU polish of approved shade. Inside to be finished with 0.8 mm thick balancing laminate. Back skin in 6 mm th MDF brd with 0.8 mm th laminate on inner side				
		All hardware including bolt hinges, handles, magnets, catcher, lower bolt, locks, sliders, shall be in stainless steel.				
		(One side face area to be measured for payment)	Sqm	15	9500	142500
		ROLLER BLINDS				
18		Providing and fixing of roller blinds as per approved make (Vista / Mac) and shade and directions of the Architect	Sqm	480	2800	1344000
		GLASS ETCHING FILM (GEF)				
19		Providing and fixing glass etching film over glass panel as per approved design and make (3mm or equivalent)				
		(One side face area to be measured for payment)	Sqm	200	1000	200000
		PINUP BOARD				
20		Providing /fixing pin up boards apart from areas already specified in the work stations, consisting of 12mm masonite board with 2 mm foam wrapping all complete with approved fabric with wooden beading all round fixed to the wall / partiton / panelling as per drawings and the directions of the Architect	SQM	20	1000	20000
		Sanitary Fixtures				
21		Providing & fixing C.P. hand spray with lever control (health faucet) and flexible hose 1 m long connection with C.P. holder for hand spray complete in all respects.	Each	16	1300.00	20800.00
22		Providing & fixing C.P. 450 mm long copper connecting pipe and brass nuts (Jaquar 803) and washers complete including cutting and making good the walls wherever required.	Each	16	350.00	5600.00
23		Providing & fixing stainless steel SS 304 manually operated liquid soap dispenser with 800 ml soap holding capacity, and 1 ml drop options, approximate size 100 x 178 x 57 mm complete in all respects, including cutting and making good the wall wherever required.	Each	16	2750.00	44000.00
24		Providing & fixing S.S. toilet paper holder with stainless steel roller complete including cutting and making good the walls and floors wherever required.	Each	16	1100.00	17600.00
25		Providing and fixing C.P. brass sink cock of approved quality	Each	2	2100.00	4200.00

26		Providing & fixing fully automatic "NO TOUCH" satin finish stainless steel AISI 316 grade wall mounted hand drier suitable to operate on 240 volts, single phase 50 hz, A.C. power supply, (motor rating 100W, 2850 rpm automatic infrared sensing device, 1600W heating element approximate 275 cum/hr air flow wind velocity 15.5 m/sec or as per Manufacturer's specifications).	Each	16	3800.00	60800.00
27		Providing and fixing 600x16 mm C.P. grab bar complete with brackets fixed to PVC rawl plugs with C.P.brass screws.	Each	16	7000.00	112000.00
28		Providing & fixing S.S. Two Way Coat Hook complete including cutting and making good the walls and floors wherever required.	Each	16	250.00	4000.00
		Soil, Waste & Vent Pipes				
29		Installation, jointing and testing uPVC pipe class B conforming to I.S.13592 (SWR drainage system) including matching injection moulded fittings with bosses where required e.g. tees,plugs, bends, clamps, couplings and adapters and cowls with sealing grooves and PVC or G.I. "U" clamps and M.S. pipe supports wherever required, jointing the pipes and fittings with rubber ring (vertical in exposed location) / cement solvent (horizontal lines) joints cuttings and making good the walls and floors as required at site and connecting horizontal pipes (Vent or side connections may be welded) for vertical and horizontal soil waste and vent pipes).				
29.1		75 mm OD	Metre	30	5824.80	174744.00
29.2		110 mm OD	Metre	40	15241.20	609648.00
30		Installation, jointing and testing uPVC pipe 6 Kg/sqcm class III (IS 4985-1983) including injection moulded fittings with bosses where required e.g. tees, bends, plugs, clamps, couplings and adapters and jointing with adhesive approved by fittings manufactures including covering the pipes in filling around with cement conc. 1:2:4, cutting and making good the walls and floors as required at site.				
		50 mm O.D.	Metre	10	92.81	928.10
31		Providing & fixing and testing uPVC ' P'-Trap including the cost of PVC fabricated inlet fitting (height raiser) of required length with PVC sockets weld to it for making branch connections from wash basin, sink, floor drains etc., as shown on the drawings including making the joint with cement rubber ring or solvent/ weld joints to trap. Size: 110X110 mm	Each	16	1042.00	16672.00
32		Providing, Installation, jointing and testing PVC floor clean out plug made out of uPVC bend , PVC pipe piece, threaded PVC socket (FTA) with minimum 100 mm brass threaded cap, suitable insert keys for opening, including making joint to PVC main line as required complete in all respects. (For pipes to access from floor).				
		110 mm dia	Each	32	574.00	18368.00
33		Providing, fixing and testing heavy type stainless steel jali, stainless steel frame with or without lid for floor drains and floor traps, set in cement mortar including cutting and making good the floor.				
33.1		100 mm dia over floor drains	Each	16	589.00	9424.00
33.2		125 mm dia over floor traps and drain pipes	Each	16	473.00	7568.00

34	Providing and fixing 18mm 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 of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels. Area of slab over 1.0 sqm.				
	Granite/ Corian top of any colour and shade as approved by Engineer Incharge				
	Area of slab over 0.50 sqm	Sqm	33	3100.00	102300.00
35	Extra for providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
	Granite/ Corian	Rmt	56	245.00	13720.00
36	Providing and fixing glazing in fire resistant door shutters, fixed panels, ventilators & partitions etc., with G.I. beading made out 1.6 mm thick G.I. sheet (zinc coating not less than 120 gm/sqm) of size 20 x 33 mm screwed with M4 x 38 mm SS screws at distance of 75 mm from the edges and 150 mm c/c, including applying a coat of approved fire resistant primer/ powder coating of not less than 30 micron on G.I. beading & special ceramic tape of 5 x 20 mm size etc. complete in all respect as per NBC 2016, IS 16231 (Part 3) :2016 and as per direction of Engineer-in-charge with glass of required thickness having 60 minutes of fire resistance both integrity & radiation control (EW60) and minimum 20 min of insulation (EI20).				
	The manufacturer has to give test report / certification of fire glass and the glass should have the stamp showing the value of E, EW & EI. The glass shall be tested in approved NABL accredited lab or any other accreditation body which operates in accordance with ISO/ IEC 17011 and accredits labs as per ISO/ IEC 17025 for testing and calibration scopes shall be eligible. The maximum glazing size shall not be more than 1100 x 2200 mm (w x h) or 2.42 sqm.	sqm	6	31155.15	186931.00
37	Providing and laying 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) jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete (BASIC RATE OF TILE RS1000/SQM.) As per approved size and shade.	sqm	105	1700.00	178500.00

38	Designing, supplying, fabricating and erecting in position of DGU one way reflective glass 6mm thick toughened + 12 mm Air Gap + 5 mm clear toughened in combination of either blue and grey or light grey and dark grey. The system should be designed to with stand the wind pressure of 210 kg/sq.mtr confirming to IS -875 part III (the system must pass the proof test at 1.5 times design wind pressure i.e.315 kg/sq.mtr). All visible aluminium finish shall be super durable Anodised finish . Non visible aluminium shall be minimum with chromatised treatment. The system design shall include pressure equalization, three barrier gasket, drainage at all panel position, spandrel panel pressure release & condensation drainage, to accommodate building movements, thermal expansions and the seismic movements, fire seal etc. All metal joints in the wet area shall be small joint sealant applied to ensure water tightness. The system shall be designed to accommodate & provision for the openable vents where ever required. The system shall be tested to performance as per specification including all material tests. The quote rate shall include all design, engineering & shop drawing	sqm	81	7200.00	583200.00
	SH Water Proofing				
39	Supplying & filling broken Foam Concrete blocks in Depressions of Toilets etc.	cum	22	4123.33	90713.00
40	Strengthening of Balcony spald beams, columns, lintels, chajja, slabs etc. Where ever repaired by microcreat and super bonding agents	cum	3	49670.85	149012.55
					11014530.65

Name of Work : Interior/Renovation work in SIDBI Office at Atmaram House,1 Tolstoy Marg,New Delhi

ELECTRICAL WORKS ABSTRACT OF COST					
SN	Description of Item	Unit	Rate	Quantity	Amount
DSR ITEMS					
1.1	Wiring for light point/fan point /exhaust fan point / call bell point with 1.5 sq.mm FR 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 FR PVC insulated copper conductor single core cable earthing as required.				
1.10.3	Group C	Each	757.00	650	492050
1.54	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.				0
1.54.3	Group C	Point	601.00	410	246410
1.11	Wiring for twin control light point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class pvc conduit, 2way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.	Each	809.00	4	3236
1.12	Wiring for light/power plug with 2x4 sq.mm FR PVC Insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 no 4 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required.	M	168.00	2000	336000
1.13	Wiring for light/power plug with 4X4 sq.mm FR PVC Insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 2 no 4 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required.	M	281.00	150	42150
1.14	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.				0
1.14.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	M	112.00	200	22400
1.14.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	M	137.00	2200	301400
1.14.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	M	227.00	310	70370
1.14.1 0	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	M	536.00	310	166160

Name of Work : Interior/Renovation work in SIDBI Office at Atmaram House,1 Tolstoy Marg,New Delhi

1.21	supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of conduit as required.				0
1.21.2	25mm	M	69.00	720	49680
1.24	supplying and fixing following modular switch/socket on the existing modular plate \$switch box including connections but excluding modular plate etc.as required.				0
1.24.6	Telephone socket outlet	E	96.00	48	4608
1.24.7	TV antenna socket outlet	E	97.00	4	388
1.18	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.				
1.18.2	2 Pair	m	19.00	720	13680
1.19	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	m	29.00	60	1740
1.26	Supplying and fixing modular blanking plate on the existing modular base and switch box excluding modular plate as required.	E	24.00	15	360
1.27	supplying and fixing following sizes/modules, GI box along with modular base and cover plate for modular switches in recess etc as required.				
1.27.1	1 or 2 Module (75mmx75mm) [For data, telephone, TV]	E	175.00	173	30275
1.31	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 5/6amps modular switch,connection etc. as required.(for light plugs to be used in non residential buildings).	E	313.00	121	37873
1.32	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 amps and 15/16amps modular socket outlet and 15/16 amps modular switch ,connection etc.as required.	E	406.00	107	43442
1.53	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.				
1.53.1	1 run of cable	m	34.00	1200	40800
1.53.2	2 run of cable	m	59.00	200	11800
1.53.3	3 run of cable	m	84.00	100	8400
2.13	Supplying and fixing following rating, four pole,415 volts,isolator in the existing MCB DB complete with connection,testing and commissioning etc.as required.				0
2.13.2	63 amps	E	678.00	4	2712

Name of Work : Interior/Renovation work in SIDBI Office at Atmaram House,1 Tolstoy Marg,New Delhi

2.12	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
2.12.1	40 A	E	222.00	12	2664
2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
2.3.4	16 way, Double door	E	1364.00	12	16368
2.4	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				0
2.4.3	8 way (4 + 24), Double door	E	3171.00	4	12684
2.10	supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "c" curve , miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required				0
2.10.1	Single pole	E	173.00	288	49824
2.10.4	Triple Pole	E	700.00	RO	
2.14	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
2.14.2	40 A	E	1719.00	12	20628
2.15	Supplying and fixing following rating, four pole, (three phase and neutral), 415V residual current circuit breaker (RCCB) having a sensitivity current upto 300milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.				0
2.15.3	63A	E	2302	4	9208

5.4	Earthing with G.I earth 600 mm x 600 mm x 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (but with charcoal/coke and salt) as required.	S	4327.00	4	17308
5.9	Supplying and laying 25mmx5mm G.I strip at 0.50 metre below ground as strip earth electrode,including connection/terminating with G.I nut ,bolt,spring,washer etc as required .(jointing shall be done by overlapping and with 2 sets of G.I nut bolt and spring washer spaced at 50 mm)	M	85.00	20	1700
2.18	Supplly and fixing of 20 amps240 volts SPN industrial type socket out let with 2pole and earth metal enclosed plug top along with 20 amp "c class" curve SP MCB in sheet steel enclosurev, on surface or in recess with chained metal cover for socket out let and complete with connections, tedting and commissioning etc. as required [For Cassette unit]	E	980.00	48	47040
5.11	Providing and fixing 25mmx5mm G.I. strip in, 40 mm dia G.I pipe from earth electrode including connection with G.I bolts,nut, spring , washer excavation and re-filling etc.as required.	M	351.00	20	7020
TOTAL OF DSR RATES					2110378.00
NON DSR ITEMS					
1	Supply and installation of recessed ceiling light LED 15/18 W [PHILIPS DN194B LED15S-6500 PSU WH S1]	Each	2750	457	1256750
2	Supply and installation of recessed ceiling light LED 12 W [PHILIPS DN193B LED12S-6500 PSU WH S1]	Each	2200	44	96800
3	Supply and installationof recessed ceiling spot light LED 9 W [PHILIPS DN192B LED9S-6500 PSU WH S1]	Each	1765	192	338880
4	Supply and installation of LED tube light	Each	1200	16	19200
5	Supply and installation of Bulk head	Each	1100	12	13200
6	Supply and installation of LED Mirror light	Each	2000	16	32000
7	Supply and installation of Bracket Fan	Each	2000	92	184000
8	Supply and installation of Exhaust Fan	Each	2000	16	32000
RACEWAY					
9	Fabricating and fixing the followig size of GI race ways with cover of size				
10	150x25x1.6 mm thick	M	650	1000	650000
11	Data Outlet including connection, complete in existing box	E	450	121	54450
TOTAL OF NSR					2677280
TOTAL OF DSR + NSR					4787658.00

Name of Project: FIRE DETECTION SYSTEM work in SIDBI Office at Atmaram House,1 Tolstoy Marg,New Delhi					
Estimate for fire alarm & detection system					
Sl. No.	Description of Items	Unit	Qty	Rate	Amount
A	FIRE ALARM SYSTEM				
1	SITC of UL Listed microprocessor based intelligent and electronically addressable modular ,loopa as given below (each loop consists of maximum 50 detectors & 50 DEVICES) fire alarm panel with min. 6" LCD display multiple access level event history file in non volatile memory (EPROM). THE panel shall support programmable relay controlled by powerful Boolean equation . The panel shall have 240v AC supply automatic battery charger 24 volts , sealed lead acid maintenance free batteries for 24 hours normal working and then be capable of operating the system for 60 minutes during emergency condition The panel shall be UL Main Fire alarm panel complete with sufficient number of loops to accommodate all the BOQ quantity with at least 20% spare capacity on each loop.				
	4 LOOP (LOOP 1 FIRST FLOOR 21 DETECTORS, LOOP2 SECOND FLOOR 25 DETECTORS , LOOP 3 THIRD FLOOR 22 DETECTORS , LOOP 4 4TH FLOOR 18 DETECTORS DETECTORS)	Set	1	175000	175000
3	SITC of Intelligent addressable multi-criteria (Photo smoke + Rate of Rise,heat + Fixed temp) heat detectors with decentralised intelligence and fault isolator either built-in the detector or as a separate isolator base/module. Detector shall be complete with base and LPCB/UL/VdS approved.	No	86	3450	296700
4	SITC of fault/short circuit Isolator Module as per technical specification LPCB/UL/VdS approved. (Need not be quoted if considered with detectors)	No	86	1100	94600
5	SITC of Addressable Manual Call Station (LPCB/UL/VdS approved) with Address switch and all munting accessories, complete with MS coated J unction Box for mounting on surface, cable lugs at Ends, cable compression gland tags and ferruling .	No	8	4500	36000
6 a)	SITC Hooters com strobes of the same make and listing as fire alarm panel complete with at least 4 selectable tone setting and 2 volume setting. (LPCB/UL/VdS approved)	No	4	5500	22000
b)	SITC Addressable control module for hooter complete as per specifications (LPCB/UL/VdS approved) (Need not be quoted in case the hooter cum strobes are itself individually addressable)	No	4	1950	7800

Interior
work in SIDBI Office at Atmaram House,1 Tolstoy Marg,New Delhi

Sl. No.	Description of Items	Unit	Qty	Rate	Amount
	SITC of Response Indicator with all mounting accessories complete with MS Powder coated Junction box for mounting on surface cable lugs at end cable compressor gland cable lug and ferruling	NO	14	350	4900
	SITC of Auto Dialer unit capable of dialing pre programmed telephone numbers in event of fire upon receiving command from the system.	NO	rates only	75000	
9	Supply , Installation , Testing and commissioing of 2C x 1.5 sq.mm Fire Survival armoured cable (600 /1000V) with class 2 copper conductor having Cross-linkable (LSZH) insulation & LSZH inner and outer sheath as per BS 7846:2009. Should meet fire performance circuit integrity test as per BS:8434-2:2009. Outer sheath should be Anti-Rodent with LSZH properties. (For fire alarm loop components)	RM	1290	150	193500
	Supply installation of 2x1.5 mmsq. Twisted pair MultistainedFRLS Armoured cable RED in color . The cable shall be laid on surface with GI saddles spaced every 0.3 meters Complete with GI Junction box lugs cable compression glands cable tags and e ferruling	RM	RATES ONLY	75	
	TOTAL				830500

Name of Work : Interior/Renovation work in SIDBI Office at Atmaram House,1 Tolstoy Marg,New Delhi					
ESTIMATE FOR FIRE SUPPRESSION WORK					
S. NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
I	Fire Fighting System				
1	Providing and fixing Single headed, Stainless Steel SS 304, ISI marked oblique pattern hydrant landing valve with 80 mm dia flanged inlet and 63 mm dia instantaneous type female outlet complete with gunmetal cap and G.I. chain, twist release type plug and all accessories as per 13:5290-1983 (Type 'A')	Each	4	9059.00	36236.00
2	Providing and fixing First-Aid Fire Hose Reel wall mounting swinging type complete with drum, bracket, 20 mm dia x 33 Mtr long high pressure Hose Reel tubing as per IS:444 with Gun-Metal shut-off nozzle having 5mm dia. orifice, fixing 25 mm dia Ball valve. etc., The Hose Reel shall strictly confirm to IS: 884-1985 .	Each	4	12627.00	50508.00
3	Providing and fixing Non-percolating flexible hose (RRL type-'A') ISI marked (IS:636) 63 mm dia x 15 M long complete with instantaneous type gunmetal / SS, 63 mm dia. IS marked Male and female couplings (IS:903) bound and rivetted to hose pipe with copper rivets and 1.5 mm copper wire.	Each	8	7279.00	58232.00
4	Providing and fixing Stainless Steel 304, 63mm dia short size branch pipes with 20 mm dia nozzles with 63mm SS instantaneous coupling ISI marked (IS: 903).	Each	4	3196.00	12784.00
5	Providing and fixing M.S. fire hose shaft door with frame fabricated from angle iron frame 40 x 40 x 6 mm thick, angle iron shutter 25 x 25 x 4 mm thick, 16 g M.S. sheet of fully welded construction with hinged double front door with locking arrangement and butt hinges, 15 x 3 mm lugs 10 cm long (6 Nos) embedded in cement conc. blocks (1: 3: 6 mix) or with rawl plug and screws/bolts and nuts as required, partly glass door 4 mm thick approved by local fire aauthority, painted with one coat of primer, stove enamelled fire red finished, "Fire Hose" written on front, suitable to accommodate 1 No Single Headed landing valve, 1 fire hose reel, 2 nos.15m long 63mmdia hose, 1-branch pipe, 1 fire-man's axe, including suitably mounted on a raised masonry platform as required. (Approx.size 0.9m x 2.1 mtr)	Each	4	15024.00	60096.00

6	SUPPLY, INSTALLATION, TESTING & COMMISSIONING of Mild Steel pipe (IS:1239 Part-I) Heavy class including cutting, threading, welding etc. bends, elbows reducers, unions, flanges, rubber gasket clamps, G.I. nuts bolts washer, hangers etc., including all necessary pipe support, cutting to size, drilling, welding / fixing and welding insert plates in RCC structural members wherever required fixing the pipe on wall / floor / ceiling using anchor fastners, G.I. pipe sleeves of higher dia shall be provided wherever the pipes are crossing the wall or floors and sealing the sleeve with glass wool and fire sealent, cutting holes in brick or RCC walls/slabs and making good the same complete including painting with one coat of primer and two or more coats of synthetic enamel paint of approved make and shade including, as directed by Engineer-in-Charge. Note : Pipes upto and 50 mm dia shall be standard threaded forged steel fittings joints, above 50mm shall be standard M.S. fittings with welded joints.				
	a)150 mm dia	RM	300	2209.00	662700.00
	b) 80 mm dia	RM	10	1107.00	11070.00
	c) 25 mm dia	RM	45	373.00	16785.00
	a) 25 mm dia nominal bore	Each	21	921.00	19341.00
7	Providing and fixing standard fireman's axe with heavy insulated rubber handle conforming to IS: 926 complete.	Each	4	664.00	2656.00
	Total C/F to Summary fire fighting				930408.00
II	Automatic Sprinkler System.				
1	SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF :-				
	15 mm dia. Quartzoid bulb type G.M. Sprinkler head suitable to operate at 68 deg.C (UL / FM / LPC listed / approved)				
	a)Standard Pendant type in brass/chrome finish for area having no false ceiling.	Each	176	327.00	57552.00
2	Electrically Operated Flow Indicating Switches (vane type) including tamper switch and accessories, with potential free contact with 2 Nos. NONC. Complete.				
	a) For 100/80 mm line	Each	4	7848.00	31392.00

3	SUPPLY, INSTALLATION, TESTING & COMMISSIONING of Mild Steel pipe (IS:1239 Part-I) heavy class including cutting, threading,welding etc. bends, elbows reducers, unions, flanges, rubber gasket clamps, G.I. nuts bolts washer, hangers etc., including supporting / fixing the pipe on wall / floor / ceiling using anchor fastners, G.I. pipe sleeves of higher dia shall be provided wherever the pipes are crossing the wall or floors and sealing the sleeve with glass wool and fire sealent, cutting holes in brick or RCC walls/slabs and making good the same complete including painting with one coat of primer and two or more coats of synthetic enamel paint of approved make and shade including all steel work. Note : Pipes upto and 50 mm dia shall be standard threaded forged steel fittings joints, above 50mm shall be standard M.S. fittings with welded joints.				
	c) 80 mm dia	Metre	175	1107.00	193725.00
	d) 65 mm dia	Metre	120	924.00	110880.00
	e) 50 mm dia	Metre	200	745.00	149000.00
	f) 40 mm dia	Metre	100	559.00	55900.00
	g) 32 mm dia	Metre	110	473.00	52030.00
	h) 25 mm dia	Metre	2110	373.00	787030.00
4	Supply Installation and testing forged brass Ball valve with hard chrome plated ball inside PTFE (Teflon) seat & ring with chrome plated centre handle with female BSP threads suitable for 15 kg/sq cm. complete in all respects.				
	a) 25 mm dia nominal bore	Each	4	921.00	3684.00
5	Supply Installation and testing slim seal Butterfly valves B190 Class (PN 1.6) complete with 2 Nos matching flanges rubber insertion, nuts, bolts and washer etc. of following sizes				
	b) 80 mm dia nominal bore	Each	4	3248.00	12992.00
6	Supplying and fixing of following sizes of steel conduits along with accessories in surface /recess including painting in caseof surface conduit or cutting the wall and making good the same in case recessed conduits as required.				
	b) 25mm dia .	Metre	60	147.00	8820.00
7	Solid Copper Conductor, PVC insulated ISI marked control cable in existing conduit (IS:694) from individual flow switch on each floor to annunciation panel installed in fire control room including sleeves , cable clips, supports for horizontal runs (Actual quantity shall be as per site)				
	a) 2x1.5 Sq.mm.	Metre	60	79.55	4773.25
8	Providing and fixing 25 mm dia inspecting & testing assembly with gunmetal valve, gunmetal sight glass, bypass valve & connected to drain line.	Each	4	6478.00	25912.00
9	Providing and fixing dial type pressure gauge with ball valve and pipe at hydrant station, complete in all respects. Dial dia 100 mm, calibration 0-15 kg/sq cm. Valve shall be paid separately.				
	a) 20 mm dia nominal bore	Each	4	776.00	3104.00

	Total C/F to Summary sprinklar				1496794.25
III	Portable Chemical Fire Extinguishers. Exact Qty shall be as per placement.				
1	SUPPLY & FIXING OF ISI (IS:15683) marked Water type stored pressure (stored pressure) type capacity 9 ltrs. with gun-metal cap and nozzle and complete in all respects including initial fill and wall suspension bracket. Capacity 9 ltrs.	Each	4	5050.00	20200.00
2	SUPPLY & FIXING OF ISI marked (IS:15683) Portable fire Extinguisher, Carbon-dioxide type flat base including valve, discharge hose of not less than 10 mm dia. 1m long & complete in all respects including initial fill with CO2 gas confirming to IS:307-1966 filled to a filling ratio of not more than 0.667of not more than 0.667and wall suspension bracket.				
	a) Capacity 4.5 Kg	Each	4	9367.00	37468.00
	Total C/F to Summary fire extinghushers				57668.00
	summary				
	Total C/F to Summary fire fighting				930408.00
	Total C/F to Summary sprinklar				1496794.25
	Total C/F to Summary fire extinghushers				57668.00
	TOTAL				2484870.25