



**Request for Proposal for ATM Site Development & Supply and Installation of 500 Cash Dispensers (CDs) (Ref No. IT-1404/2010-11 DATED: 30.09.2010)**

**ADDENDUM**

**Notice to the Bidders**

Please refer to our RFP **NO. IT-1404/2010-11 DATED: 30.09.2010** for ATM Site development and supply and installation of 500 Cash Dispensers (CDs) and pre-bid queries reply floated by us vide ref no. DIT/ATM/570/2010-11 dated 21.10.2010.

The last date of submission of bid document for **ATM Site Development & Supply and Installation of 500 Cash Dispensers (CDs)** which was originally 01.11.2010 is hereby **extended upto 08.11.2010 at 4:00 PM**. Completed bid documents must reach at the address mentioned in the RFP document on or before 08.11.2010 at 4:00 PM. Bid will be opened in the presence of the bidders on 08.11.2010 at 4:30 PM.

Bank has modified **Annexure-IV-C i.e Total Cost of Ownership to be read as Commercial Template, L1 bidder shall be selected based on the method as given below.**

**Selection of L1 Bidder**

The L1 (lowest one) bidder will be assessed based on L1 price in Table A and L1 price in Table B. The L1 bidder should be L1 in each table i.e. Table A and Table B. If no bidder is L1 in both the Table i.e. Table A and Table B, in that case the L1 bidder of Table A should match the L1 price quoted in Table B. If the L1 bidder of Table A is unable to match the L1 price quoted in Table B, Bank may ask L1 bidder of Table B to match the L1 price of Table A.

**Bank will separately negotiate the price of optional items as mentioned in page no. 39 & 40 and payment thereof with the finally selected bidder(s)**

**Under special circumstance Bank reserves its right to place the Order only for Cash Dispensers (CDs) i.e without Site Development with the selected bidder(s).**

For the convenience and ready reference of the bidders, enclosed find herewith specifications of **Site Interior, Electrical, and List and approved MATERIALS / MANUFACTURERS.**

All the other terms & conditions of the above RFP read along with bid clarifications already posted in our website will remain unchanged. We hope that the response would reach us on scheduled date and time.

**Assistant General Manager – ADC  
UCO Bank, H.O, ATM Cell**

Dated: 30.10.2010

**Commercial Template**

**Table-A**

Sr. No.	Description	Unit Price (X)	VAT/ Sales Tax (Y)	Service Tax (Z)	Total Price T= (X+Y+Z)
1	Cash Dispensers with front loading (with 3 years warranty)				
2	One Digital Video Surveillance Systems (3 years warranty) with carpentry, electrical work and other installation activities				
3	AMC for CDs for 5 years (cost per year x 5 year)				
4	AMC for One Digital Video Surveillance Systems for 5 years (cost per year x 5)				
5	<b>Total cost for 500 Cash Dispensers = (Total cost as mentioned in Sr. No: 1 to 4) X 500</b>				

**Table - B**

Sl no	Description	Cost
1	<b>Total cost of site development work for 500 locations = (Total cost for unit site development works as mentioned in point-E of Annexure –IV-A) x 500</b>	

Place.  
SIGNATORY

**AUTHORISED**

Date.

Name:

Designation.

Note:

1. VAT/Sales tax, Service Tax, if applicable, should be quoted in respective columns. The Bank will pay the sales tax/VAT/Service tax ruling at the time of actual delivery of service/implementation and resultant billing.
2. Bidders to strictly quote in the format and for periods as mentioned above
3. No counter condition/assumption in response to commercial bid will be accepted. Bank has a right to reject such bid.
4. The rates as mentioned under "OPTIONAL ITEMS" will be applicable for the bank's

existing CDs/ATMs also.

**A-INTERIOR**

<b>SR</b>	<b>Particular</b>	<b>Detailed Description</b>
<b>1</b>	Providing and laying vitrified ceramic tiles of (approx.) 600 mm x 600 mm size	Providing and laying vitrified ceramic tiles of (approx.) 600 mm x 600 mm size (Naveen Diamontile or similar approved equivalent ) and of approved shade to floor at all levels and heights fixed to the existing floor with chemical adhesive "Fevimate" of Pedilite or similar approved adhesive of adequate thickness to suit the required level including preparing the existing surface as necessary with supply of requisite materials all complete as per direction
<b>2</b>	Gypsum Board false ceiling	<p>Providing and fixing in position false ceiling with 12.5 mm thick tapered edge gypsum board conforming to IS 2095 including providing and fixing framework made of special sections power pressed from M.S. sheet and galvanized in accordance with zinc coating 600 as per IS 277 and consisting of angel cleats of size 25 mm wide x 16 mm thick with flanges of 22 mm and 37 mm at 1200 mm centre to centre one flange fixed to the ceiling with dash fastener 12.5 mm dia x 40 mm long with 6 mm dia. Bolts to the angle hangers of 25x25x5 mm of required length. The other end of angle hanger being fixed with nut and bolts to G.I. channels 45 mm x 45 mm x 0.9 mm, running at the rate 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 clips of 10.5 mm at 450 mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at each junction including fixing the gypsum board with ceiling section and perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long.</p> <p>The perimeter of ceiling fixed to wall/partition with the help of raw plugs at 450 mm centre to centre with 25 v mm long drive all screws @ 230 mm interval including jointing and fixing to a flush finish of tapered and square edges of the gypsum board with recommended filter, paper tapes, finisher and two coats of primer suitable for gypsum board as per manufacturers 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 drawing and specification and direction of the Employer / Consultants but excluding the cost of painting. (The work is to be carried out through authorized applicator of the manufacturer).</p>
<b>3</b>	Coil coated aluminium false ceiling system ("Trac"-84-C of M/s Interarch Building Products Ltd.)	<p>Providing and fixing at all height coil coated aluminum false ceiling system ("Trac" – 84 – C of M/s. Interarch Building Products Ltd or similar approved equivalent ) including providing and fixing of frame work made of special sections power pressed from M.S. Sheet and galvanized in accordance with I.S. 277 complete as per manufacturer's specifications. The work shall be carried out by approved specialized agency strictly as per manufacturer's specification and with necessary aluminium angle along the perimeter.</p> <p>The vendor shall provide quality certificate and guarantee of work for 10 (ten) years form the Manufacturers / Authorized Dealers.</p>
<b>4</b>	150 mm powder coated aluminum vent	<p>Providing and fixing in position 150 mm wide powder coated aluminum vent grills of approved design and shade in the vertical surface all as in drawing complete as directed.</p> <p>Rate to include cost of additional frame work for fixing aluminum vent grills.</p>

5	Rubber Wood cornice 65 mmX65 mm, mat finish	Providing and fixing 65 mm x 65 mm shaped well seasoned Rubber wood cornice mould of approved design along all junctions of false ceilings with vertical walls / partitions / ceilings surfaces including polishing / painting in approved color and finished with N.C lacquer in mat satin finish / with synthetic enamel paint of approved shade and brand over a coat of approved primer.
6	Wall paneling with seasoned Malaysian Sal wood frame work finished with 1.5 mm thick laminate sheet of approved shade and quality over double layer 4mm thick phenol formaldehyde bonded plyboard of approved quality.....	Constructing wall paneling over well seasoned Malaysian sal wood frame work finished with 1.5 mm thick laminate sheet of approved shade and quality over double layer 4 mm thick phenol formaldehyde bonded ply board of approved quality incorporating two bands of 150 mm wide each leaving a gap of 75 mm wide in between the bands – the bands are to be finished with 1.5 mm thick phenol formaldehyde bonded ply board of approved quality. Top band is to be placed at a level 300 mm from false ceiling. Timber for frame work are too treated with two coats of wood preservative of approved quality, all complete as in drawing.  Rate to allow for making provision for concealed electrical conduits, telephone conduits, conduits for computer wing etc.
7	Supplying and erecting opaque partition ...double layer 4 mm thick phenol formaldehyde bonded plywood of approved quality  Opaque partition with one side laminate and enamel paint finish on other side	Supplying and erecting full height opaque partition having over all thickness 80 mm with well seasoned Malaysian sal wood frame work finished with 1.5 mm thick laminate sheet of approved shade and quality over double layer 4 mm thick phenol formaldehyde bonded ply board of approved quality with two bands of 150 mm wide each leaving a gap of 75 mm wide in between the bands – the bands are to be finished with 1.5 mm thick laminate sheet of different shades over double layer 4 mm thick phenol formaldehyde bonded ply board of approved quality. Top band is to be placed at a level 300 mm from false ceiling. All timber for frame work shall be treated with two coats of wood preservative of approved quality all complete as in drawing. Rate to allow for making provision for concealed electrical conduits, telephone conduits, conduits for computer wiring etc.
8	Dismantling carefully.....	Dismantling carefully all types of brick masonry with plastering etc. including stacking of serviceable materials as directed and disposal of material outside the premises in conformity with CMC Regulations.
9	Half Brickwork...Laying H.B.wire netting at every third layer as directed.	Providing and laying half brick work with bricks of approved quality laid in cement mortar (1:4) in plain or curved surfaces including offsets etc. complete in all respects including supplying and laying H.B wire netting at every third layer as directed and specified at all levels and heights as per drawing and specification complete.
10	Stripping of worn out plaster...	Stripping off worn out plaster and raking out joints of walls ceilings, etc up to any height and in any floor including removing rubbish from the campus in conformity with CMC Regulation.
11	Removal of existing paint... rendering the same with cement & mortar to receive plaster of paris punning	Removal of existing paint from the plastered surfaces with coir brush, sand paper etc. and preparing the surfaces by rendering the same with cement sand motor to receive plaster of paris punning complete as directed.
12	Reinforced cement concrete work	Reinforced cement concrete work 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm nominal size ) in lintels, bed blocks, slabs, or any other place as directed including cost of shuttering and reinforcement all materials and labor complete as per direction.. <b>thickness 4 inches</b>

<b>13</b>	Providing & laying cement concrete 1:3:6	Providing and laying cement concrete work 1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregates 20 mm nominal size ) in under layer of flooring or any other place as directed including cost of shuttering all materials and labor complete as per direction. <b>Thickness 4 inches</b>
<b>14</b>	Providing & laying cement plaster 1:5(1cement :5 sand)	Providing and laying cement plaster 1:5 (1 cement: 5 sand) to wall etc including raking out joints, cleaning and preparing the surface. Thickness of plaster to be so adjusted to match adjacent sides.
<b>15</b>	Providing & laying 18 mm thick mirror polished granite slab.	Providing and laying 18 mm thick mirror polished granite slab of approved shade and quality to wall, fixed with 130 mm x 75 mm brass cramps and 6 mm dia. Brass pins over 20 mm thick cement sand (1:3) bed mortar at all levels and heights including finishing the joints with white cement mixed with pigment to match with the shade of stone slab.
<b>16</b>	Supplying and fixing in position well seasoned gamar wood scatling to door frame.....	Supplying and fixing in position well seasoned gamar wood scantling to door frame as directed and specified. Exposed surfaces are to be finished with 1.5 mm thick laminate sheet of approved shade and quality.
<b>17</b>	19 mm thick phenol formaldehyde bonded plyboard of approved quality for Shelf	Providing and fixing 19 mm thick phenol formaldehyde bonded marine ply board of approved quality finished with 1.5 mm thick laminate sheet of approved shade and quality around the twin style door at the front entrance portion, complete as per direction.
<b>18</b>	37 mm thick solid core hot pressed...	Supplying and fixing in position overall 37 mm thick solid core hot pressed phenol formaldehyde bonded flush door shutter of approved make finished with 10 mm thick wood grain laminate sheet of approved shade and quality on both sides of the door shutter including cost of hardware fittings e.g. mortice locks, brass hinges, door handles etc. of approved make and quality.
<b>19</b>	Twin style door...	Providing and fixing twin style door made of 40 mm thick well seasoned teak wood of special design for top and bottom styles of the door 12 mm thick clear float glass, necessary hardware fixtures of approved make and design viz. double action floor spring, lock, handle made of polycarbonate sheet incorporating logo of the Bank over 12 mm thick ply board of overall size approx. 174 mm x 174 mm complete with all materials and labor as per drawing on both faces of the door shutter. All exposed timber surfaces are to be polished in approved color and finished with N.C lacquer in mat satin finish.
<b>a)</b>	Open able portion	Open able portion
<b>b)</b>	Fixed portion	Fixed portion
<b>20</b>	Rolling Shutter ( Flat type)	Supplying and fixing rolling shutters of approved make, made of 80 x 1.25 mm thick M.S laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed piped shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation, complete including the cost of providing and fixing necessary 27.5 cm long wire springs grade no 2 and 1.25 mm thick M.S top cover for rolling shutters including applying two coats of synthetic enamel

		paint of approved shade and brand over a coat of approved steel primer.
<b>20 A</b>	Painting on existing Rolling Shutter	Providing and applying three coats of 1st quality Enamel paint including scraping the surface clean, applying putty, complete as directed
<b>21</b>	Providing & laying 18 mm thick mirror polished granite slab to treaders , risers etc	Providing and laying 18 mm thick mirror polished black granite slab of approved quality to <b>the treads, risers of stair</b> over 20 mm thick cement mortar ( 1:3) at all levels and heights and joints finished with gray cement mixed with pigment to match the shade of stone including providing edge moulding to the free ends of treads with 18 mm thick and 25 mm wide granite strips to form overall thickness 36 mm at the free ends, forming 6 x 6 mm groove at the mid portion of the moulding all complete as in drawing. (Joint of each tread and riser should not exceed one )
<b>22</b>	Writing ledge	Supplying and erecting wall mounted customers' writing ledge of approx. size 450 mm x 300 mm including the rear side to be fixed above 100 mm from finished floor level, made of 19 mm thick phenol formaldehyde bonded ply board and the bracket supporting the writing ledge made of 25 mm thick C P teak wood. The back of the writing ledge is to be fixed on the wall paneling through the frame work of the paneling by C.P brass rounded headed screws. All the exposed timber surfaces including all free edges are to be finished with 1.5 mm thick laminate sheet ( ink – 1032 of M/s. Merino or similar approved equivalent ) all complete as in drawing.
<b>23</b>	Poster frames	Providing and fixing in position panel for fixing posters approx. size of the panel will be 500 mm x 750 mm high and to be made of 2 nos 5 mm thick transparent acrylic sheets with be vetted edges fixed over the wall paneling by 4 nos 12 mm x 35 mm dia. C.P teak wood round blocks at the four corners of the panel. The panel board is to be supported on the teak wood blocks by 4 nos male – female screws so that the poster may be placed on one acrylic sheet and covered by the other one, complete as per drawing and instruction.
<b>24</b>	Cheque drop box	Supplying and erecting cheque drop box (overall size 450 mm x 300 mm x 750 mm high ) made of 19 mm thick phenol formaldehyde bonded ply board and the curved portion at top made out of 90 mm x 90 mm C.P teak wood section. A slit opening of 10 mm x 150 mm is to be provided at the top of the box. An openable shutter of 259 mm x 262 mm size made of 19 mm thick phenol formaldehyde bonded ply board is to be provided 100 mm above finished floor level. All the exposed timber surfaces including all free edges are to be finished with 1.5 mm thick laminate sheet ( Ink – 1032 of M/s. Merino or similar approved equivalent ), excepting two bands of 50 mm wide each ( Marigold – 1057 of M/s. Merino or similar approved equivalent ) leaving a gap at 518 mm from finished floor level all complete as in drawing.  Rate to include cost of necessary hardware fittings e.g. brass hinges, lock, knob etc of approved design and quality.
<b>25</b>	Wall mounted rack for leaflets	Providing and fixing in position wall mounted rack for leaflets overall size approx. 270 mm x 850 mm high made of 19 mm thick phenol formaldehyde bonded ply board finished with 1.5 mm thick laminate sheet ( Ink – 1032 of M/s. Merino or similar approved equivalent ) including all free edges. The rack comprises of 3 pockets made of 2 mm thick transparent acrylic sheets of individual overall size 236 mm long x 150 mm high moulded to the required shape so that the bottom portion is projected at about 18 mm from the base board, the block board as well as the pockets are to be fixed with round headed C.P. brass screws all complete as per drawing and instructions

26	Waste paper box	<p>Supplying and erecting waste paper box of overall size 300 mm x 300 mm x 600 mm high made of 19 mm thick phenol formaldehyde bonded ply board including finishing the exposed timber surfaces including the free edges of block board with 1.5 mm thick laminate sheet ( Ink – 1032 of M/s. Merino or similar approved equivalent ) excepting two bands of 50 mm wide each ( Marigold – 1057 of M/s. Merino or similar approved equivalent ) leaving a gap of 54 mm in between the bands. The top band is to be placed at 427 mm from finished floor level, all complete as in drawing.</p> <p>Rate to allow for providing G.I. trough made out of 20 gauge sheets for collecting waste paper</p>
27	Signage box of 7'0" X 2'5" X 0'6"	<p>Fabricating, supplying and fixing box of 7' – 0" x 2' – 5" x 0'-6" size for glow signage out of 24 gauge G.I. sheet including necessary M.S. angle iron for frame work and supplying and fixing of 2 nos of 4'-0" long fluorescent tube and 2 nos of 2'-0" long fluorescent tube including required electrical wiring and fixing the Flexo incorporating Bank's logo and name with 25 x 4 mm M.S. flat.</p> <p>Rate to include the cost of painting the box with two coats of synthetic enamel paint of approved quality over a coat of anti corrosive paint complete as per drawing and direction.</p>
28	Signage box of 2'2" X 2'2" X 0'6"	<p>Fabricating, supplying and fixing box of 2'-2" x 2'2"x 0'-6" size for glow sign with vinyl pasted on polycarbonate sheet on both side of the box, the box to be made out of 24 gauge G.I. sheet including necessary M.S. angle iron for frame work and supplying and fixing of 2 nos of 2'-0" long fluorescent tube including required electrical wiring and fixing the same incorporating Bank's logo and name with 25 x 4 mm aluminum flat, complete as per drawing and direction.</p> <p>Rate to include cost for providing tube light fittings of 2 nos x 610 mm long in the board.</p>
29	Colour Branding of Signage	<p>Apcolite (asian Paints) Synthetic Enamel  1. Canary Yellow-306-3    2. Phirozi-121-4    3. French Blue-112-4</p>
30	Fitting of VM Items	Fitting of VM items from Serial No 23 to 27
31	Painting	<p>Painting the walls and ceiling by sand papering &amp; cleaning the surfaces, applying double boiled linseed oil/cement primer &amp; lambi/putty to seal surface 3 times thereafter applying 2 coats of Dulux acrylic emulsion.</p>

**B-ELECTRICAL**

	<b>Particular</b>	<b>Detailed Description</b>
<b>1</b>	<b>Supplying and Installing MCB Distribution box</b>	Supply and installation of following consumer unit double door MCB Distribution Board with MCB having breaking capacity of 10 KA (minimum) or RCCB of 300 mA sensitivity having over load, short circuit & earth leakage protection complete with busbar interconnection, painting mounted on flat iron frame on wall / flushed with finished wall by chase cutting, mending good to original finish, painting etc. as required.
<b>1.1</b>	Lighting distribution box(LDB)	SPN 8 way MCB DB complete with busbar and the following MCB's :  <b><u>INCOMING</u></b>  1 no 240 V 40A SPN MCB  <b><u>OUTGOING</u></b>  4 nos 240 V 32A SP MCB 2 nos 240 V 16A SP MCB 2 nos 240 V 10A SP MCB
<b>1.2</b>	UPS Distribution Board(UPSDB)	SPN 4 way MCB DB complete with busbar and the following RCCB / MCB's  <b><u>INCOMING</u></b>  1 no 240 V 25A DB RCCB ( 300 mA )  <b><u>OUTGOING</u></b>  4 nos 240 V 16A SP MCB
<b>2</b>	<b>Industrial Type Metal Clad Socket DB(ISDB)</b>	Supplying, installation, testing and commissioning of following wall mounted, industrial type metal clad socket with plug top and MCB control distribution board to be installed on wall as shown in the drawing.
	The DB Consisting of the following.	
<b>2.1</b>	1 no 32A 3pin industrial socket with matching plug.	The DB consists of the following :  1 No. 32A 3 pin industrial type socket with matching plug  1 No. 25A SP MCB ( 10 KA min )
<b>2.2</b>	1 no 25A 3pin industrial type socket with matching plug	1 No. 32A 3 pin industrial type socket with matching plug.
<b>3</b>	Airconditioner Timer Switch Board	Supplying and installation of 240 V. single phase <b>24 hrs timer switch board for controlling 2 nos A.C (each to run 4 hours alternatively in cyclic order )</b> in the ATM room, enclosed in 2 mm thick sheet steel enclosure painted with 2 coats of approved make synthetic enamel paint over two coats of primer, comprising with the following components Set  INCOMING :  1 No. 32A SPN MCB ( 10 KA min ) 1 No. 40A DP Power contactor with 2 N.O. + 2 N.C Auxilliary contactor.

		<p>1 No. 24 hours modular time switch</p> <p>OUTGOING 3 Nos. 20A SPN MCB 2 Nos. indicating lamps.</p>
4	AC Power point wiring...MS Conduit	<p>Wiring for A.C power point with 1100 volt grade single core 2 nos 4 sq.mm + 1 No. 2.5 sq.mm ( green colour for earth ) PVC insulated FRLS flexible copper conductor cables ( IS : 694) through suitable size M.S. conduit ( ISI marked embossed on conduit surface ) partly on surface ( above false ceiling ) with M.S. bar saddles, partly through partition, partly concealed in wall / embedded in floor by chase cutting from AC timer switch board to A.C power point.</p> <p>The work includes supply and fixing of 25A 3 pin metal socket, 25 A matching plug, 20 A starter in suitable size mounting box with front plate AC Power Unit concealed in wall and flushed with finished wall surface including making good all damages to original finish, interconnection, painting, etc. as required to be completed in all respect.</p>
5	<b>Sub main Wiring</b>	<p>Sub main wiring with 1100V grade single core following sizes PVC insulated FRLS flexible copper conductor cable conforming to IS 694 through suitable size M.S conduit ( ISI marked embossed on conduit surface ) and conduit accessories partly on surface ( above false ceiling ) with M.S. bar saddles, partly through partition and partly concealed in wall / embedded in floor by chase cutting, mending good all damages, painting etc. as required to be completed in all respect.</p> <p>With 2 nos 6 sq.mm + 1 no 4 sq. mm PVC insulated FRLS copper wire</p>
5.1	With 2nos10sqmm=1 NO 6SQMM PVC insulated FRLS copper wire	With 2 nos 10 sq.mm + 1 no 6 sq. mm PVC insulated FRLS copper <b>wire (this is as main cable)</b>
5.2	With 2nos 6sqmm=1 NO 4SQMM PVC insulated FRLS copper wire	With 2 nos 6 sq.mm + 1 no 4 sq. mm PVC insulated FRLS copper wire
6	Wiring for ATM/V SAT Power Socket Outlet Board	<p>ATM/V-SAT power socket outlet cluster point wiring with 1100 V Grade 3 nos. single core ( 1 for earth green color) 2.5 sq. mm PVC insulated FRLS flexible copper conductor cable conforming to IS : 694 through suitable size M.S conduit ( ISI marked embossed on conduit surface) and conduit accessories partly on surface ( above false ceiling ) with M.S bar saddles, partly through partition and partly concealed in wall / embedded in floor by chase cutting, from UPSDB to socket cluster as shown in the drawing including interconnection, mending good painting etc as required.</p> <p>4 Nos. 16/16A 3 pin modular type shuttered socket ( MDS/MK/Crabtree make)</p> <p>4 Nos. 16A modular type Switch with indicator ( MDS/MK/Crabtree make)</p> <p>1 No. Front plate of suitable size ( MDS/MK/Crabtree make)</p> <p>1 No. Mounting box of suitable size ( MDS/MK/Crabtree make)</p>
7	<b>Point Wiring for light &amp; 6A Socket</b>	<p>Point wiring for light &amp; 6 A socket outlet with 1100 V grade ( 1 for phase, 1 for common neutral and 1 for earth ( green color ) by looping method single core 1.5 sq.mm PVC insulated FRLS flexible copper conductor cable conforming to I.S 694 through suitable size M.S. conduit ( ISI marked embossed on conduit surface ) and conduit accessories as required.</p>

		<p>Partly on surface ( above false ceiling ) with M.S bar saddles, partly concealed in wall / embedded in floor by chase cutting from light switch board timer switch board to light and 6A socket outlet mounted on light switch board and separately mounted switch board at skirting level or other places on partition / furniture or on wall including supply of all materials such as modular type 5 pin 6A socket outlet. 6A switch suitable size mounting box, front plate, 3 terminal ceiling rose where required etc. for each light and 6A socket outlet point unless otherwise stated as required.</p> <p>The point wiring also includes circuit wiring with 1100 V grade 2 nos single core 2.5 sq.mm + 1 no single core 1.5 sq. mm ( green color for earth ) PVC insulated FRLS flexible copper conductor cable conforming to IS:694 through suitable size M.S conduit ( ISI marked embossed on conduit surface ) and conduit accessories as required partly on surface ( above false ceiling ) with M.S bar saddles, partly through partition and partly concealed in wall / embedded in floor by chase cutting, from LDB to switch board complete with interconnection case cutting, mending good all damages to original finish, painting etc as required.</p>
<b>a)</b>	Light points (all types)	Light points(all types) with Switches
<b>b)</b>	ATM Board/Logo board/ Glow sign Board point	ATM Board/Logo board/ Glow sign Board point with Switches
<b>c)</b>	2 nos 5 Pin 6A modular type socket with switch point in separate board at skirting level/on partition/ furniture or on wall with suitable size mounting box front plate etc.	<b>2 nos 5 Pin 6A modular type socket</b> with switch point in separate board at skirting level/on partition/furniture or on wall with suitable size mounting box front plate etc.
<b>d)</b>	5 pin 6A modular type socket with switch on light switch board	5 pin 6A modular type socket with switch on light switch board with Switches
<b>8</b>	Supply and Fixing of Timer Switch for Controlling outside light.	Supplying, installation, testing and commissioning of 24 hrs. time switch & 20 Amps. 2 pole power contactor with 2 NO + 2 NC auxillary contactor ( change over switch ) in suitable size sheet steel box for controlling of outside light, logo board, ATM board, glow sign board etc.
<b>9</b>	R J 45 Data socket	Supplying and fixing of modular type RJ45 Data Socket in sheet steel box complete with interconnection etc. as required.
<b>10</b>	Supply and Laying CAT_VLAN Cable	Supply and laying of CAT V LAN cable through 25 mm dia PVC conduit ( ISI marked on conduit surface) from Hub to computer data socket complete with inter connection as required.
<b>11</b>	<b>Earthing</b>	
<b>11.1</b>	Earthing ATM DB as per.....	<p>Earthing the ATM DB as per I.E rules conforming to IS : 3043-1987 or latest amendment by making earth station with 300 mm x 300 mm x 3 mm (minimum) thick copper plate electrode to be installed such that its top edge shall be at a minimum depth of 3 meter below ground level after preparation of ground with charcoal and salt complete with copper bolts of suitable length double nuts and washers including supply and fixing of 50 mm dia. Partly perforated G.I. pipe with funnel for watering arrangement</p> <p>The earthing installation should be provided with 300 mm x 300 mm x 300 mm depth inside dimension masonry inspection pit with C.I hinged cover having locking arrangement and restoring the surfaces duly rammed.</p>
<b>11.2</b>	Supplying and laying of 2 X 25 sqmm PVC copper earth lead in cable.....	Supply and laying of 2 x 25 sq. mm PVC insulated copper earth lead – in – cable partly on wall surfaces / partly through 25 mm dia. G.I. Conduit to be laid at an average depth of 500 mm below ground level including connection with copper plate & UPS DB by means of socket, tapes etc.

		as required. Minimum clearance between well surface and copper earth lead-in-cable should be 6 mm.
<b>12</b>	Supplying and Fixing of following fittings recessed in false ceiling.	Supplying and fixing of following light fittings recessed in false ceiling including interconnection with 3 nos 1.5 sq. mm PVC insulated FRLS flexible copper wire through M.S. conduit complete
<b>12.1</b>	3 X PL-L 36W PL spotlight fitting as per...	3 x PL – L 36 W PL spot light fittings with P5 paralite touvre ( Philips type FBS 300/336 P5 HP or equivalent approved make ) complete with control gear box 3 x PL-L 36 W lamp, and all accessories
<b>12.2</b>	2 X PL-C 18W PL spotlight fittings as per	2 x PL – C18 W PL spot light fittings ( Philips type FBH 145/213 HP or equivalent approved make ) complete with attachment 2 x PL – C 13 W lamp, control gear box and all accessories
<b>12.3</b>	2 X TLD 36W fluorescent light fittings as per....	2 x TLD 36W fluorescent light fittings ( Philips type TBS 359/236/D6 HP or equivalent approved make ) complete with 2 x 36 watt Tube light and all accessories
<b>12.4</b>	1 X 12V 50W halogen spot light fittings as per.....	1 x 12V 50 W halogen spot light fittings ( Philips type DN 652 or equivalent approved make ) with control gear box 1 x 12 V 50 W lamp and all accessories.
<b>13</b>	<b>Supplying and fixing following boards at position as per instruction of consultant/bank.</b>	Rate is only for wiring work for below mention items
<b>13.1</b>	ATM sign board as per Banks standard design size and colour.	Each
<b>13.2</b>	Logo sign board as per Banks standard design size and colour.	Each
<b>13.3</b>	Glow sign board as per Banks standard design size and colour.	Each
<b>14</b>	<b>Access lock (insert type) for the entrance of the lobby with electronically controlled door opening mechanism using ATM card for access to the CD.</b>	Supplying, installation, testing and commissioning of Access lock as per requirement along with wiring one power supply cable to magnetic lock and power supply cable to access lock release switch and data cable to connect card reader to controller unit.
<b>15</b>	Supply, Installation, testing and commissioning of 2KVA 1 Phase UPS of approved make with SMF Batteries for 4 Hours Backup and other accessories	Supply, installation, testing and commissioning of 2 KVA 1 phase / 1 phase approved make UPS like Numeric, APC, Electronics & Control, EPOCH, Aplab, AZ Electronics, ACCEL Frontline, CMS Infosystems Pvt Ltd, PCS Technology Ltd, LIPI Data Systems Ltd, Uniline Energy System, Tritronics (India) P. Ltd. complete with SMF Battery with load and other accessories (4 hour back – up).
<b>16</b>	Supply, Installation, testing and commissioning of 1.5 ton approved make split type AC like VOLTAS/Blue Star/Hitachi/Carrier with Remote control Unit and all accessories. The work includes cutting of holes mending good all damages to original finish painting etc. as required.	Supply, installation, testing and commissioning of 1.5 Ton approved make split type AC with Remote control unit and all other accessories. The work includes cutting of holes, mending good all damages to original finish, painting etc as required.
<b>17</b>	Supply and fixing of 4.0 kg Fire Extinguisher Unit of approved make with	Supply and fixing of <b>4.0 kg or 2 x 2kg gas filled Fire Extinguisher</b> Unit of approved make with mounting arrangement on wall, pipes and all accessories. The extinguisher to be filled up properly with gas.

mounting arrangement on wall pipes and all accessories the	<b>Minimax</b>
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### C-LIST AND APPROVED MATERIALS / MANUFACTURERS

SR. NO	ITEM	MANUFACTURER	CATALOGUE NUMBER
1	Vitrified Floor Tiles (596 mm x 596 mm )	Naveen Diamontile	Super white plain - 888
2	Black Granite Slab ( 18 mm thick )		
3	Light Grey colour granite slab for wall cladding		
4	Glass ( 12 mm thick )	M/s. Float Glass India Ltd M/s Modi glass M/s Saint Gobain M/s. Gurind India (P) Ltd M/s. Contentinental Float Glass Ltd M/s. Gujrat Guardian Ltd	
5	Ply Board and Black Board ( Phenol Bonded )	M/s. Rama Wood & General Industries Ltd M/s. Greenply Industries Ltd M/s. Kitply Industries Ltd M/s. Arunachal Forest Product Ltd M/s. Century Ply board India Ltd	
6	Laminates	Merino	Royal White – 1581 Merigold – 1057 Ink – 1032 Gothic Grey - 2069
7	Gypboard for Ceiling	M/s. India Gypsum Ltd	
8	Coil Coated Aluminium Ceiling Material	M/s. Interarch Building Products Ltd	TRAC - 84 C
9	Floor Spring	M/s. Everite Agencies Pvt Ltd M/S Hemaco M/s. Nita Floor Spring	
10	Locks	M/s. Godrej M/s.Yale India Ltd M/s. Golden Industries Ltd	
11	Screw	M/s. Nettlefold / G.K.W	
12	Light Fittings ( all types )	Philips / Wipro / Decan / Thorn	
13	Modular type Switch / Socket / Mounting Box / Front Plate	M.D.S/M.K./Crabtree/Roma / Legrand /Havels	
14	PVC Insulated FRLS wire	Finolex / R.R/Cables / National / Rajnigandha / Anchor / L & T	
15	M.S conduit	BEC / NIC / AKG / BE	
16	MCB, RCCB, MCB DB	M.D.S / Siemens / Merlengerin / L & T	
17	RJ 45 Data Socket	MDS / M.K/Crabtree / Rama	
18	Air Conditioner	Voltas/Blue Star / Hitachi /Carrier	
19	UPS	Numeric / APC/ Electronics & Controls/Epoch/AZ Electronics/APLAB, ACCEL Frontline, CMS Infosystems Pvt Ltd, PCS Technology Ltd, LIPI Data Systems Ltd, Uniline Energy System,	

		Tritronics (India) P. Ltd.	
20	Fire Extinguisher	Minimax	
21	Modular Time Switch	MDS / L & T / GIC	
22	Power Contactor	MDS / L & T / C & S	
23	PVC Conduit	BCE / Plaza / AKG	
24	LAN Cable	Finolex / Lucent / D Link	