

**PRICE BID DOCUMENT
FOR
CIVIL AND INTERIOR WORKS
MODULAR FURNITURE
ELECTRICAL AND ELV WORKS
&
AIR CONDITIONING WORKS
OF
BANK OF BARODA
CHADAYAMANGALAM BRANCH
KOLLAM, KERALA**

**Prepared by:-
BUILDING CONCEPTS
CONSULTANT ARCHITECTS & ENGINEERS
50/729, RNRA #7, NEAR KOLLAM COLLECTORATE
THIRUMULLAVAROM POST, KOLLAM, KERALA 691012
Contact# +91474 2793658, +91 9447075016**

| ABSTRACT | | |
|----------|-------------------------------|--------|
| SI No. | Description | Amount |
| A | CIVIL & INTERIOR WORKS - BANK | |
| B | ELECTRICAL WORKS - BANK | |
| C | AIRCONDITIONING WORKS - BANK | |
| | SUB TOTAL | |
| | GST | |

In words :

PRICE BID DOCUMENT FOR INTERIOR FURNISHING AT BANK OF BARODA, CHADAYAMANGALAM BRANCH

| PRICE BID DOCUMENT FOR INTERIOR FURNISHING AT BANK OF BARODA, CHADAYAMANGALAM BRANCH | | | | | |
|--|---|----------|------|------|--------|
| A BANK SPACE - CIVIL & INTERIOR | | | | | |
| SI No. | Description | Quantity | Unit | Rate | Amount |
| I | CIVIL & INTERIOR WORKS WORKS | | | | |
| 1 | Providing and fixing Entrance door made with 12mm thick toughened glass. The glazed door to have pencil polished edges at opening edges and flat polished edges at all other edges. Toughened glass door panels to be fixed on to Powder coated Aluminium Twin style door profile frame 20 Micron thick frame work of size: 10 x 4.5 cm on top & bottom. The glazed portion shall be provided with Anti-shatter film & Bank logo of coloured vinyl sticker as per the standardisation design pattern. The door to be fixed with heavy duty floor spring of 100kg capacity (Ozone/Dorma), SS handle of 450 mm long of 'C' shape, Glass door lock of approved make, all works to meet as per the directions of Engineer in Charge. | | | | |
| | At Entrance | 2.52 | SqM | | |
| 2 | Providing and fixing 12mm thick toughened glass of suitable size in fixed aluminium frame work using extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make, the glazed portion shall be provided with anti-shatter film & Bank logo of coloured vinyl sticker as per the design. The work shall include fixing the frame with dash fasteners of required dia and size, filling up the gaps at junctions with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, dust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing, brass /stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. | | | | |
| | Sides of Entrance door | 4.4 | SqM | | |
| 3 | Providing & fixing Fully blocked double skin partition above Entrance floor and fixed glass partitions with hardwood frame work of size:- 5.0cm x 5.0cm at 60 CM c/c & 6 mm thick BWR grade (IS303) marine plywood finished with 1mm thick lamination on both sides as in accordance with standardisation colour pattern. | 3 | SqM | | |
| 4 | GYPSUM BOARD CEILING | | | | |
| a | Gypsum Board False Ceiling: Providing and fixing of Metal framed (GI) suspended false ceiling with G.I framework 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 12.5mm tapered gypsum board panels to form grids of 45.7 x 122 cm as per manufactures specification including provision for stepped shape ceiling for cove lighting comprising Framework of intermediate channels (M.F.T) at 122cm centre to centre along one direction M/F ceiling section. MF5 at 45.7 cm centre to centre along other direction. Perimeter channels (MF 6A) along walls all around perimeter side of the ceiling. The intermediate channels suspended from ceiling, through strap hangers 25x 0.5mm (MF8) at 122cm centre to centre, connected to soffit cleats p534 (27x37x25x1.6mm). The cleats to be connected to ceiling through metal expansion rawl plugs 1/2" dia and 17/16" long with additional channels (MF 6A) for light fittings, air conditioners Ducts, vertical drops, offset etc. 12.5 mm thick gypsum board with tapered edges fixed to underside of suspended grid with 25mm screws including 2 coats of plastic emulsion paint of approved colour over two coats of putty and a coat of primer etc, complete. Measurements for celing & verticals shall be made as flat area in SqM. All works to be carried out as per the directions of Engineer in charge. | 71 | SqM | | |
| 5 | BRANCH HEAD - WORK TABLE | | | | |
| | Providing and fixing of BRANCH HEAD WORK TABLE made with 19mm thick BWR grade (IS303) plywood, Size of work table top to be 1650mm x 750 mm x 750mm (H) , Front fascia to be in accordance with detail drawings. Table should have drawer unit consisting 3 Nos of drawer units in 19mm thick plywood sliding on telescopic slider and with locking arrangement as manufactured by Ebco or equal. The exposed edge surfaces of the table to be finished with 1.0mm thick laminates as per design of approved shade and standardisation pattern. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. A Ready made key board and mouse tray, Round tray, CPU trolley, Cablemanager and concealed SS handles as manufactured by Ebco or equal are to be fixed as per drawing and design. A foot rest made with country wood of suitable size to be built into the work table at suitable location. Table top of the desk to receive a 10mm thick edge polished glass fixed firmly to the edge of work table. Edges of the work table to be minimum 25mm thick and to be subjected to TEAK / BEECH wood lipping finished with melamine coat or subjected to 25mm wide EDGE BANDING as manufactured by Rehau or equal fixed using Edge banding Machine. The work is to be completed with all labour and material as per drawing and design including all the hardware required in accordance with the directions of Engineer in charge | 1 | Each | | |
| 6 | BRANCH HEAD - SIDE TABLE | | | | |

| | | | | | |
|----|---|---|------|--|--|
| | Providing and fixing of BRANCH HEAD SIDE TABLE made with 19mm thick BWR grade (IS 303) plywood, Size of side table to be 1200mm x 400 mm x 750mm(H) , Visible facia to be in accordance with detail drawings. Rear side of the cabinet/ side table which comes in contact with the wall should be with 6mm thick WPC boards. Table should have drawer units or adjustable / removable shelves, Sliding/ swing shutters as per site condition / BH. Provision for fixing Cable manager, CPU trolley, Concealed SS handles & locking arrangement shall be provided as required in the Side table. All hardwares including box hinges / sliding track to be as manufactured by Ebco or equal. The exposed edge surfaces of the table to be finished with 1.0mm thick laminates as per design of approved shade and standardisation pattern. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. Table top of the desk to receive a 10mm thick edge polished glass fixed firmly to the edges. Edges of the Side table to be minimum 25mm thick and to be subjected to TEAK / BEECH wood lipping finished with melamine coat or subjected to 25mm wide EDGE BANDING as manufactured by Rehau or equal fixed using Edge banding Machine. The work is to be completed with all labour and material as per drawing and design including all the hardware required in accordance with the directions of Engineer in charge | 1 | Each | | |
| 7 | BRANCH HEAD - LOW HEIGHT BASE CABINET | | | | |
| | Providing and fixing of LOW HEIGHT BASE CABINET for BH 1700mm long made with 19mm thick BWR grade (IS303) plywood, Size of Base Cabinet to be in accordance with the drawing, Visible facia to be in accordance with detail drawings. Rear side of the cabinet/ side table which comes in contact with the wall should be with 6mm thick WPC boards. Base cabinet should have Swing/ Sliding shutters as per site condition. Base cabinet should have Height adjustable / removable racks inside, Concealed SS handles & cabinet locks. All hardwares including box hinges and sliding track, cabinet locks to be as manufactured by Ebco or equal. The exposed edge surfaces of the table to be finished with 1.0mm thick laminates as per design of approved shade and standardisation pattern. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. Top surface of the base cabinet to receive a 10mm thick edge polished glass fixed firmly to the Edges of the Base cabinet. Top surface of the Base cabinet to be minimum 25mm thick and to be subjected to TEAK / BEECH wood lipping finished with melamine coat or subjected to 25mm wide EDGE BANDING as manufactured by Rehau or equal fixed using Edge banding Machine. The work is to be completed with all labour and material as per drawing and design including all the hardware required in accordance with the directions of Engineer in charge. Rate to be in accordance of Face Area of the Base cabinet. | 1 | Each | | |
| 8 | OFFICERS WORK TABLE | | | | |
| | Providing and fixing of OFFICER's WORK TABLE made with 19mm thick BWR grade (IS303) marine plywood, Size of Work table top to be 1500mm x 750 mm x 750mm (H) , Front facia to be in accordance with detail drawings. Table should have drawer unit consisting 3 Nos of drawer units in 19mm thick plywood sliding on telescopic slider and with locking arrangement as manufactured by Ebco or equal. The exposed edge surfaces of the table to be finished with 1.0mm thick laminates as per design of approved shade and standardisation pattern. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. A Ready made key board and mouse tray, Round tray, CPU trolley, Cablemanager and concealed SS handles & locking arrangement as manufactured by Ebco or equal are to be fixed as per drawing and design. A foot rest made with country wood of suitable size to be built into the work table at suitable location. Table top of the desk to receive a 10mm thick edge polished glass fixed firmly to the Edges of the work table. Edges of the work table to be minimum 25mm thick and to be subjected to TEAK / BEECH wood lipping finished with melamine coat or subjected to 25mm wide EDGE BANDING as manufactured by Rehau or equal fixed using Edge banding Machine. Transaction space in front of Work Table top of the desk to be fixed with a 12mm thick edge polished glass of size 1500mm x 600mm H. Glass to be fixed firmly to low height partitions on either side of table or low height partition walls with D bracket as manufactured by Ebco/ Ozone or equal. Bottom of the Glass to be fixed to table top in a 3mm deep groove. The glass should have a Polished edge Pigeon hole in the bottom centre to enable transactions. Both sides and bottom to be fixed using D brackets as manufactured by Ebco or equal. The work is to be completed with all labour and material as per drawing and design including all the hardware required in accordance with the directions of Engineer in charge | 2 | Each | | |
| 9 | OFFICERS SIDE TABLE | | | | |
| | Providing and fixing of OFFICERS SIDE TABLE made with 19mm thick BWR grade (IS 303) plywood, Size of side table to be 900mm x 400 mm x 750mm(H) , Visible facia to be in accordance with detail drawings. Rear side of the cabinet/ side table which comes in contact with the wall should be with 6mm thick WPC boards. Table should have drawer units or adjustable / removable shelves, Sliding/ swing shutters as per site condition / BH. Provision for fixing Cable manager, CPU trolley, Concealed SS handles & locking arrangement shall be provided as required in the Side table. All hardwares including box hinges / sliding track to be as manufactured by Ebco or equal. The exposed edge surfaces of the table to be finished with 1.0mm thick laminates as per design of approved shade and standardisation pattern. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. Table top of the desk to receive a 10mm thick edge polished glass fixed firmly to the edges. Edges of the Side table to be minimum 25mm thick and to be subjected to TEAK / BEECH wood lipping finished with melamine coat or subjected to 25mm wide EDGE BANDING as manufactured by Rehau or equal fixed using Edge banding Machine. The work is to be completed with all labour and material as per drawing and design including all the hardware required in accordance with the directions of Engineer in charge | 2 | Each | | |
| 10 | COUNTER TABLES - TABLE ONLY | | | | |

| | | | | | |
|----|---|---|------|--|--|
| | <p>Providing and fixing of COUNTER TABLES made with 19mm thick BWR grade (IS303) marine plywood, Size of Work table top to be 1200mm x 750 mm x 750mm (H), Front facia to be in accordance with detail drawings. Table should have drawer unit consisting 3 Nos of drawer units in 19mm thick plywood sliding on telescopic slider and with locking arrangement as manufactured by Ebco or equal. The exposed edge surfaces of the table to be finished with 1.0mm thick laminates as per design of approved shade and standardisation pattern. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. A Ready made key board and mouse tray, Round tray, CPU trolley, Cablemanager and concealed SS handles as manufactured by Ebco or equal are to be fixed as per drawing and design. A foot rest made with country wood of suitable size to be built into the work table at suitable location. Table top of the desk to receive a 10mm thick edge polished glass fixed firmly to the Edges of the work table. Edges of the work table to be minimum 25mm thick and to be subjected to TEAK / BEECH wood lipping finished with melamine coat or subjected to 25mm wide EDGE BANDING as manufactured by Rehau or equal fixed using Edge banding Machine. Transaction space in front of Work Table top of the desk to be fixed with a 12mm thick edge polished glass of size 1500mm x 600mm H. Glass to be fixed firmly to low height partitions on either side of table or low height partition walls with D bracket as manufactured by Ebco/ Ozone or equal. Bottom of the Glass to be fixed to table top in a 3mm deep groove. The glass should have a Polished edge Pigeon hole in the bottom centre to enable transactions. Both sides and bottom to be fixed using D brackets as manufactured by Ebco or equal. The work is to be completed with all labour and material as per drawing and design including all the hardware required in accordance with the directions of Engineer in charge</p> | 2 | Each | | |
| 11 | CASH CAGE TABLE | | | | |
| | <p>Providing & fixing of CASH CAGE TABLE of size 1500 x 800 x 750 mm (H) & 1500 x 200mm cash transaction TABLE at 110cm Ht from FFL, made of 19 mm thick BWR grade (IS303) marine plywood on top and all sides finished with 1 mm thick lamination of approved colour & pattern as per the design. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. The table is provided with 3 no. of drawers as per the design .The cash transaction top & working table shall be fixed with 10 mm thick edge polished clear glass. The draws are fixed with draw channel, multi purpose lock, 100mm long brushed steel handle, 1 No: keyboard pullout with sliding channel, cable manager of approved make as per the material specification. Also provide CPU stand & foot rest made with Hard wood as per the design. The drawers shall be provided with slots for storing cash as per standardisation design. Edges of the work table to be minimum 25mm thick. These edges are to be subjected to TEAK / BEECH wood lipping finished with melamine coat or subjected to 25mm wide EDGE BANDING as manufactured by Rehau or equal fixed using Edge banding Machine. The top to the transaction table on top to be curved inwards to the Cashier's work table. Arc width to be 45 cm and to have an arc index of 20cm at centre. Transaction space in front of Cash cage table top of the desk to be fixed with two 12mm thick edge polished glass of size 1500mm x 600mm H one on top of the other with a 5 cm gap in between. Glass to be fixed firmly to side partitions or wall with D bracket as manufactured by Ebco/ Ozone or equal. Bottom of the Glass to be fixed to table top in a 3mm deep groove. The glass should have a Polished edge Pigeon hole in the bottom centre to enable transactions. The work to be in accordance with the directions of Engineer in charge.</p> | 1 | Each | | |
| 12 | CASH CAGE SIDE TABLE | | | | |
| | <p>Providing and fixing of CASH CAGE SIDE TABLE made with 19mm thick BWR grade (IS 303) plywood, Size of side table to be 1500mm x 400 mm x 750mm(H), Visible facia to be in accordance with detail drawings. Rear side of the cabinet/ side table which comes in contact with the wall should be with 6mm thick WPC boards. Table should have drawer units or adjustable / removable shelves, Sliding/ swing shutters as per site condition / BH. Provision for fixing Cable manager, CPU trolley, Concealed SS handles & locking arrangement shall be provided as required in the Side table. All hardwares including box hinges / sliding track to be as manufactured by Ebco or equal. The exposed edge surfaces of the table to be finished with 1.0mm thick laminates as per design of approved shade and standardisation pattern. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. Table top of the desk to receive a 10mm thick edge polished glass fixed firmly to the edges. Edges of the Side table to be minimum 25mm thick and to be subjected to TEAK / BEECH wood lipping finished with melamine coat or subjected to 25mm wide EDGE BANDING as manufactured by Rehau or equal fixed using Edge banding Machine. The work is to be completed with all labour and material as per drawing and design including all the hardware required in accordance with the directions of Engineer in charge</p> | 1 | Each | | |
| 13 | CORNER WORK TABLE - SUB STAFF | | | | |

| | | | | | |
|----|--|-----|------|--|--|
| | Providing and fixing of COUNTER TABLES made with 19mm thick BWR grade (IS303) marine plywood, Size of Work table top to be 1000mm x 600 mm x 750mm (H) , Front facia to be in accordance with detail drawings. Table should have drawer unit consisting 3 Nos of drawer units in 19mm thick plywood sliding on telescopic slider and with locking arrangement as manufactured by Ebco or equal. The exposed edge surfaces of the table to be finished with 1.0mm thick laminates as per design of approved shade and standardisation pattern. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. A Ready made key board and mouse tray, Round tray, CPU trolley, Cablemanager and concealed SS handles as manufactured by Ebco or equal are to be fixed as per drawing and design. A foot rest made with country wood of suitable size to be built into the work table at suitable location. Table top of the desk to receive a 10mm thick edge polished glass fixed firmly to the Edges of the work table. Edges of the work table to be minimum 25mm thick and to be subjected to TEAK / BEECH wood lipping finished with melamine coat or subjected to 25mm wide EDGE BANDING as manufactured by Rehau or equal fixed using Edge banding Machine. . The work is to be completed with all labour and material as per drawing and design including all the hardware required in accordance with the directions of Engineer in charge | 1 | Each | | |
| 14 | STORAGE SHELF /BASE CABINET/ FILING CABINET -VARIOUS SIZES | | | | |
| | Providing and fixing of wall cabinet with shutters made with 19mm thick BWR grade (IS303) marine plywood, Size of the wall cabinets as listed below, Visible facia to be in accordance with detail drawings. Rear side of the cabinet which comes in contact with the wall should be with 6mm thick WPC boards. Wall cabinet should have Swing/ Sliding shutters as per site condition. Height adjustable / Removable racks inside carcass, Concealed SS handles & locking arrangement required. All hardwares including Box hinges/ Sliding track to be as manufactured by Ebco or equal. The exposed edge surfaces of the cabinet to be finished with 1.0mm thick laminates as per design of approved shade and standardisation pattern. All inner surface including drawers and is to be finished with 0.8mm thick white laminate. Edges of the cabinet, etc to be subjected to beech wood lipping finished with melamine coat. The work is to be completed with all labour and material as per drawing and design including all the hardware required in accordance with the directions of Engineer in charge. For measuremets only Front face area of Storage cabinet where shutters are visible will be measured. | | | | |
| | Depth of Storage shelf including shutter - 400 mm | | | | |
| a | TYPE A - 4800mm width carcass, Height -2100 mm - 1EA | 11 | SqM | | |
| b | TYPE B - 1200mm width carcass, Height -2100 mm - 2 EA | 5.1 | SqM | | |
| c | TYPE C - 2370mm width carcass, Height -2100 mm - 1EA | 6 | SqM | | |
| d | TYPE D- 3630mm width carcass, Height -750 mm - 1EA- BASE CABINET | 2.9 | SqM | | |
| e | TYPE E- 1200mm width carcass, Height -600 mm - 1EA- OVERHEAD | 1 | SqM | | |
| 15 | LOW HEIGHT PARTITION WALLS - ON SIDES OF COUNTER TABLES - 135 x 135 cm | | | | |
| | Providing and fixing double skin low height partition wall of size 1350mm x 1350mm x 75mm thickness. (Refer detailed drawings). Partition should have an overall thickness of 75mm and shall be provided with base frame in 19mm BWR GRADE (IS 303) marine plywood strips that is 5cm wide at about 400mm c/c or 50mm x 50mm Aluminum Box sections of 1.5mm thickness (Jindal or equal) as framing. Bottom part & sides of the base frame shall be fixed to existing floor / wall or furniture with anchor bolts or L angles. The partition shall be finished on both sides with 1mm thick laminate (as per standardisation) over 6mm BWR GRADE (IS 303) marine plywood. Top of partition to be lipped with well sanded and levelled 12mm thick Teak / Beech wood planks of suitable 80mm width, subjected to two coats melamine over one coat sealer. 12mm thick plain glass of size (1100 x 200mm) should be fixed inside on the top of the partition at a height of 350mm above table top using TW reeper sanded and polished to match the top lipping work as suggested in the drawings. | 9 | SqM | | |
| 16 | FULLY GLAZED FULL HEIGHT PARTITION - FRONT PARTITION OF BH CABIN | | | | |
| | Providing & fixing Fully glazed full height partition with 10 mm thick float glass (fixed with Teak / beech wood beading of melamine clear glossy finish) to the double skin partition leaving 15cm all around after Glass area. Partition to be made with 1.5mm thick Al tubing (Jindal or equal) frame work of size 5cm x 5cm at 60 cm c/c & fixed with 6 mm thick BWR grade (IS 303) marine plywood finished with 1 mm thick lamination of approved colour & pattern as per standardisation on both sides. The glazed portion is up to 210 cm height and the balance up to RCC Roof ceiling with double skin partition in Aluminum frame inside & 6mm marine plywood. 1mm laminate finish on both sides to be given only under Gypsum board ceiling as per the drawings . The glazed portition in partition and door to be provided with frosted film / etching as per standardisation drawings (Note :- The Aluminum framing & Plywood to extend above ceiling and it should be fixed to RCC ceiling but the area of the partition measurable will be below the false ceiling only) | 7 | SqM | | |
| 17 | PARTLY GLAZED FULL HEIGHT PARTITION (Side partition of Branch Manager's cabin) | | | | |

| | | | | | |
|----|--|-----|------|--|--|
| | Providing & fixing Partially glazed full height partition with 10 mm thick float glass (fixed with Teak/ beech wood beading of melamine clear glossy finish) to the double skin partition leaving 15cm all around after Glass area. Partition to be made with 1.5mm thick Al tubing (Jindal or equal) frame work of size 5cm x 5cm at 60 cm c/c & fixed with 6 mm thick BWR grade (IS 303) marine plywood finished with 1 mm thick lamination of approved colour & pattern as per standardisation on both sides.. The glazed portion is from 90cm up to 210 cm height and the balance up to RCC Roof ceiling with double skin partition in Aluminum frame inside & 6mm marine plywood. 1mm laminate finish on both sides to be given only under Gypsum board ceiling as per the drawings . The glazed portition in partition and door to be provided with frosted film / etching as per standardisation drawings (Note :- The Aluminum framing & Plywood to extend above ceiling and it should be fixed to RCC ceiling but the area of the partition measurable will be below the false ceiling only) | 7.9 | SqM | | |
| 18 | 35mm THICK BLOCK BOARD DOORS IN 4X2" CW FRAMES | | | | |
| a | Providing and fixing Double skin laminate Hinged Door shutter in door Frame 90cm x 210cm by making suitable provision in the Full height partitions or Full / half glazed Full height partitions as indicated in drawings. Door frame to be made with CW section 100 x50 mm size and clamped to the Partition or masonry walls at 3 different locations on either sides. An architrave of size 75 x 12mm Teak. Beech wood should be fixed all around the door frame to cover the joint in between wall and frame. Door shutter to be made with 35 mm thick solid block board finished with 1mm thick laminate on both sides. Horizontal grooves to be provided in laminate as per detail drawings. Partially glazed door shutter, 8mm thick 600 x900 mm size glass with frosted film sticker to be fixed inside the door shutter with teak wood beadings above 900 mm from FFL. 35 x 6mm thick polished teak wood lipping to be provided all around the door shutter. Each door shutter to be provided with hardwares such as 4 Nos. 125 mm SS ball bearing hinges, 1 No: Europrofile Motise lock with handle, Lock body, Lock cylinder with keys, Automatic hydraulic heavy duty door closer, door stopper , tower bolt etc. as manufactured by Godrej or equal. Colour banding as per standarisation manual to be followed while fixing Laminate to door shutter as directed by the Engineer in charge. Locations as indicated in drawings | 2 | Each | | |
| b | Providing and fixing Double skin laminate Hinged Door shutter in door Frame 100cm x 210cm by making suitable provision in the Full height partitions or Full / half glazed Full height partitions as indicated in drawings. Door frame to be made with CW section 100 x50 mm size and clamped to the Partition or masonry walls at 3 different locations on either sides. An architrave of size 75 x 12mm Teak. Beech wood should be fixed all around the door frame to cover the joint in between wall and frame. Door shutter to be made with 35 mm thick solid block board finished with 1mm thick laminate on both sides. Horizontal grooves to be provided in laminate as per detail drawings. An 8mm thick glass vision panel of size 150 x 600mm to be fixed into the door shutter at a height as indicated in the drawing. Each door shutter to be provided with hardwares such as 4 Nos. 125 mm SS ball bearing hinges, 1 No: Europrofile Motise lock with handle, Lock body, Lock cylinder with keys, Automatic hydraulic heavy duty door closer, door stopper , tower bolt etc. as manufactured by Godrej or equal. Colour banding as per standarisation manual to be followed while fixing Laminate to door shutter as directed by the Engineer in charge. Locations as indicated in drawings | 1 | Each | | |
| b | Providing and fixing Double skin laminate Hinged Door shutter in door Frame 90cm x 210cm by making suitable provision in the Full height partitions or Full / half glazed Full height partitions as indicated in drawings. Door frame to be made with CW section 100 x50 mm size and clamped to the Partition or masonry walls at 3 different locations on either sides. An architrave of size 75 x 12mm Teak. Beech wood should be fixed all around the door frame to cover the joint in between wall and frame. Door shutter to be made with 35 mm thick solid block board finished with 1mm thick laminate on both sides. Horizontal grooves to be provided in laminate as per detail drawings. An 8mm thick glass vision panel of size 150 x 600mm to be fixed into the door shutter at a height as indicated in the drawing. Each door shutter to be provided with hardwares such as 4 Nos. 125 mm SS ball bearing hinges, 1 No: Europrofile Motise lock with handle, Lock body, Lock cylinder with keys, Automatic hydraulic heavy duty door closer, door stopper , tower bolt etc. as manufactured by Godrej or equal. Colour banding as per standarisation manual to be followed while fixing Laminate to door shutter as directed by the Engineer in charge. Locations as indicated in drawings | 1 | Each | | |
| c | Providing and fixing Double skin laminate Hinged Door shutter in door Frame 80cm x 210cm by making suitable provision in the Full height partitions or Full / half glazed Full height partitions as indicated in drawings. Door frame to be made with CW section 100 x50 mm size and clamped to the Partition or masonry walls at 3 different locations on either sides. An architrave of size 75 x 12mm Teak. Beech wood should be fixed all around the door frame to cover the joint in between wall and frame. Door shutter to be made with 35 mm thick solid block board finished with 1mm thick laminate on both sides. Horizontal grooves to be provided in laminate as per detail drawings. An 8mm thick glass vision panel of size 150 x 600mm to be fixed into the door shutter at a height as indicated in the drawing. Each door shutter to be provided with hardwares such as 4 Nos. 125 mm SS ball bearing hinges, 1 No: Europrofile Motise lock with handle, Lock body, Lock cylinder with keys, Automatic hydraulic heavy duty door closer, door stopper , tower bolt etc. as manufactured by Godrej or equal. Colour banding as per standarisation manual to be followed while fixing Laminate to door shutter as directed by the Engineer in charge. Locations as indicated in drawings | 1 | Each | | |
| 19 | FIRE RATED DOOR SHUTTER & FRAME | | | | |

| | | | | | |
|----|---|------|------|--|--|
| | Supply and install prefabricated Fire rated Steel door for UPS/ Electrical room. Width and heights as per drawings. Door shutter/leaves to be fabricated with 1.2 mm thick GI sheet on both sides of a frame made with 25mm x 25mm x 1.4mm thick GI hollow section grid mesh frame work at 60cm x 60cm centre to centre or less. Door frame to be fabricated with GI hollow sections of sizes 75mm x 36mm x 1.4mm thick and 50mm x 12mm x 1.4mm thick, stack welded on top of each other (as indicated in the drawing) to make door shutter closing provision with 4 nos of 5" Removable pin type SS hinges. Door frames and shutter to be subjected to Zinc phosphate primer and finished with polyurethane Aliphatic grade of epoxy paint. All hardware's to be Stainless steel, Hinges to be ball bearing butt hinges, mortice sash lock with lever handles, mortise latch, etc fire rated for 2 hours as manufactured by Godrej or equal. A vision glass of size 20 x 20cm to be built into the door with 6mm thick Wired glass. The rate shall include fixing of door frame to Fire rated wall system using proper bracing and reinforcements. Manufacturer's specifications & shop drawings to be provided to consultant and approval sought prior to fabrication & installation. | 1 | Each | | |
| 20 | FULLY BLOCKED DOUBLE SKIN PARTITION WALL | | | | |
| | Providing and fixing double skin full height partition wall made with Anodized Aluminium frame work, heavy sections (1.5mm thickness) of 2"x2" sections as manufactured by JINDAL or equal , spacing of 60 x 60 cm both ways as grid and both sides covered with 6mm thick marine plywood BWR IS 303 grade. Bottom part and sides of the base frame shall be fixed to existing floor and wall with anchor bolts. The partition shall be finished on both sides with 1mm thick laminate (specified colour). Colour banding as per Bank's standardisation manual to be followed while fixing Laminate to plywood. The partition is to be firmly fixed to the side walls and Roof concrete with adequate supports above false ceiling. Partition work above the false ceiling level which will not be considered for Measurements. Marine Plywood - Green/ Century/ Kitply or equal. Laminate - Green/ Century/ Merino or equal | 4.5 | SqM | | |
| 21 | ALUMINUM FRAMED PARTITION WITH DOOR - INSIDE STRONG ROOM | | | | |
| | Providing & fixing 240 cm height Aluminum Single skin partition with powder coated Aluminum Frame work & Prelaminated particle board with extruded built up standard tubular aluminum sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. and 12mm thick prelaminated particle board IS : 12823 Grade I Type II of approved colour and pattern . An openable door (100x210cm) with locking facility as per the design given in the detailed drawing is to be installed at location shown in the Aluminum partition. All hardwares, hinges, door closers and locks to be Godrej , Ozone or equivalent as per bank's material specification | 8.1 | SqM | | |
| | Door opening size:- 100cm x210 cm x1 No. | | | | |
| 22 | SIDE PANEL OF CASH CAGE - 220cm HEIGHT (HALF GLAZED) with DOOR | | | | |
| | Providing and fixing HALF GLAZED Partition made of Aluminum frame work of size 5 cm x 5 cm (1.5mm thickness) with 6mm BWR grade (IS303) marine on both sides finished with 1mm lamination of approved colour and design as per the drawing upto 220 cm height. Side panel to be half glazed with 2 glass panels, 10 mm thick edge polished float glass with a gap of 5cm in between at a height of 90cm above FFL to the top 15cm wide panel bottom. Glass to be fixed all around with Teak/ beech wood beading of melamine clear glossy finish. All the exposed edges of the partitions are fixed with Teak/ beech wood lipping (7.5cm wide) subjected to melamine clear glossy finish. A passing tray of Size 30cm x 30cm to be provided at a location as indicated in drawings having laminate finish with edges fixed with beechwood lipping of melamine clear glossy finish. A solid core double skin door 700mm x 2100mm x 35mm thick with vision panel , laminated with 1.0mm laminate of suitable style, with night latch lock,Auto door closer tower bolt and all fittings all hardwares as per standards to be installed as in accordance with Bank's standard drawings | 5.7 | SqM | | |
| | Door opening size:- 70cm x 210cm Ht - 1 No:s | | | | |
| 23 | FRONT PANEL OF CASH CAGE | | | | |
| | Providing and fixing GLAZED PARTITION OF CASH CAGE Partition with 2 No:s 150cm wide 12 mm thick edge polished clear float glass with a cm gap in between the glass panels at a suitable height above transaction counter top for communication purpose. Bottom glass of the Front partition to have an edge polished pigeon hole for transactions, Both Glass panels to be fixed to double skin partitions on either side with melamine polished beechwood beading all around as per the details given. The double skin solid partition made similar to the Side & Back panel of cash cage on either side is interconnected with a vertical banding on top finished with 1 mm thick laminate. Exposed edges of the partition is fixed with Teak / Beech wood lipping (7.5cm wide) subjected to melamine clear glossy finish. The glass to be fixed with beechwood beading as per the design given in the detailed drawing. | 1.95 | SqM | | |
| 24 | ANODISED ALUMINUM GRILL ABOVE CASH CAGE | | | | |
| | Providing and installing Anodised aluminum grill roof for cash cage. The grill to be Non corrosive rust proof, made out of high quality Aluminium alloy No: 6063-T6 and having tensile strength of not less than 19Kg/ Sqm. Grill size to be 7.5mm X 7.2mm width with wire thickness of 10mm as minimum. The standard weight of Grill per Sqm to be 3.2 Kg/ Sqm minimum. Grill to be installed as top roof of cash cage supported on all 4 sides to the inner side of cage case and as cross bracing with 50mmx 50mm size, 1mm thick hollow Anodised Aluminum tube as manufactured by Jindal or equal | 4.5 | SqM | | |

| | | | | | |
|------------------|---|----------------|------|--|--|
| 25 | Providing and installing 35mm thick Wicket Gate (100cm x 90 cm (H)) at locations as indicated in the drawings. Width and heights as per drawings, The gate is laminated with 1.0mm Laminate on both sides over suitable thickness BWR grade (IS303) . The rate shall include necessary hardwares and accessories like Magnetic holds, Autoclose Stainless steel hinges, Door holds etc complete. Hardwares to be manufactured by Godrej or equal. The rate shall also include the cost of fixing 12mm thick TW Lipping finished and polished to melamine matt finish tinted to approved colour and shade. Marine plywood - Green/ Century/ Kitply or equal, Colour banding as per UBI standardisation manual to be followed while fixing Laminate to plywood. Laminate to be as manufactured by Greenlam, Century or Marino laminates. | 1 | Each | | |
| 26 | Supplying and installing Interior Column panelling with 19mm BWR grade (IS303) Marine plywood Panels over 5cm wide levelling strips at about 40cm c/c. The Panelling shall be finished on visible faces with 1mm thick laminate (specified colour) as per standardisation detail. Top & bottom of panelling to be lipped with well sanded and levelled 12mm thick beach wood planks of suitable width, subjected to two coats melamine over one coat sealer as suggested in the drawings. Colours of Column panelling laminate to match with the Bank's standardisation drawings as directed by engineer in charge. | 5 | SqM | | |
| 27 | Providing & fixing Fully blocked single skin wall boxing for passing AC refrigerant piping , condensate drain, cables etc with hardwood frame work of size:- 5.0cm x 5.0cm at 60 CM c/c & 12 mm thick BWR grade (IS303) marine plywood finished with 1mm thick lamination on all three facing sides as in accordance with standardisation colour pattern. Marine plywood should not be less than 12mm thickness so that it will take the load of Blower unit that is fixed on top of it. The work to be done in accordance with the direction of Engineer in charge. Only Vertical Face area of Wall boxing will be measured. | 10 | SqM | | |
| 28 | FLOOR MOUNTED WRITING DESK WITH CHEQUE DROP & SUGGESTION BOX | | | | |
| | Providing and fixing Floor mounted Writing desk 1500mm x 400mm x 1100mm (H)- INVERTED C SHAPED made out of 19mm thick BWR grade (IS303) marine plywood of approved make finished with 1 mm thick laminate in all visible areas as per standardisation detail. Writing desk to be flat on top with coloured laminate as to match the colour of table tops in the hall. At least 10 nos vertical slip/ chellan shelves attached over writing platform made out of min 4 mm thick acrylic sheets with 6 mm thick plywood back up. Each chalan shelf shall be of size 15cm height, 15cm wide. The front face to this unit to be in accordance with the Detailed drawings. . All exposed surfaces of the cabinetry to be finished with 1.0mm thick laminate of shades as suggested. All interiors including racks to be finished with 0.8mm thick laminates of usitable shade. Rear side or side faces of the cabinet which comes in contact with the Walls should be made subjected to 6mm thick WPC boards. Necessary fittings such as auto closing cabinet hinges, magnetic lock, ball catches, storage bin locks, 75mm long concealed SS finish handle, as manufactured by Ebco or equal should be provided. in each shutter. Necessary 2mm thick PVC edge banding shall be given in all visible/exposed edges. The work is to be completed with all labour and material as per drawing and design. | 1 | Each | | |
| 29 | NOTICE BOARD | | | | |
| | Wall Hung Notice board of size 1200mm x 900 mm with 12mm wide Teak wood framing all around. The base of Notice board to be fixed to wall with concealed hanging fitting on WPC / Hylem sheet backing og 6mm thickness. A single piece Styrofoam panel of 25mm thickness to be fixed on top of the backing board and then the pinning (display) surface is covered with a high strength flocked fabric RED Colour , dust resistant (velvet) that does not rupture easily even after multiple pinnings on the same spot, making sure that the documents stay secure and do not detach/fall off on their own including fixing the same at locations as identified by Engineer in charge | 1 | Each | | |
| 30 | ROLLER BLINDS | | | | |
| | Providing and fixing Roller blinds polyester, width 2000mm or as per equal divisions of total length, thickness 0.40mm, weight 390 gm/sq.mt approximate degree of opacity 100%, Light fastness 4/6 provided with all standard fittings, accessories etc., as per the manufacturers specifications complete for the finished item of work. (MAKE: MAC/Vista levelers/ AD blinds). | 7 | SqM | | |
| 31 | MOVABLE FURNITURES:- Airport chairs, Office chairs, Sofa, Dining table, Dining chairs, visitors chairs & all other Movable furnitures | BY BANK | | | |
| 32 | Providing and fixing Teapoy / Center table having size 90cm x 45cm x 45cm using 19mm thick Marine plywood IS303. supported on two Boxed legs on the longer side of size 45cm x 5cm x 45cm (H) each. The Center table to be laminated to the same colour shade as indicated for Low height Partitions with banding on Legs. Top shelf of the center table to be made with double thick 19mm plywood and subjected to laminate on all surfaces. A 10mm thick edge polished Float glass to be fixed on to the top surface at edges. Intermediate shelf has to be provided at 10cm above the bottom of Box legs with 19mm thick plywood laminated on all surfaces. Fixing to be done with Melemine gloss finished TW reeper in the bottom of intermediate shelf. Proper neoprene bushes to be provided in the legs at all four corners in accordance with drawings and to the full satisfaction of Engineer in charge. | 1 | Each | | |
| 33 | Providing & Fixing 12mm thick polished toughened TROPHY HOLDER on wall for placing indoor plants, trophies ertc with SS chrome finished D bracket support / patch fittings etc complete at locations as directed by engineer in charge. Size of open glass shelf - 90x20cm | 3 | Each | | |
| 34 | Miscellaneous & Unforeseen | 1 | LS | | |
| SUB TOTAL | | | | | |
| GST | | | | | |

| PRICE BID DOCUMENT FOR ELECTRICAL & ELV WORKS OF BANK OF BARODA, CHADAYAMANGALAM BRANCH | | | | | |
|---|--|-----|------|------|--------|
| B | ELECTRICAL & ELV WORKS - BANK SPACE | | | | |
| Sl No. | Description | QTY | UNIT | Rate | Amount |
| | For Supply, Installation, testing and commissioning of below mentioned items | | | | |
| 1 | MCB DISTRIBUTION BOARDS with | | | | |
| a) | VTPN MCCB DB | 1 | No. | | |
| | Supply, installation, testing and commissioning of 6 WAY VTPN MCCB Double door type MCCB incomer DB (MDB), dust tight, vermin proof, double door construction with the following: Main Incomer | | | | |
| | Incomer | | | | |
| | 80A 4 pole 25ka Icu with thermal Magnetic Release with Current setting for O/L and S/C protection | | | | |
| | Outgoings: | | | | |
| | 32A, TP MCB - 2nos(Light/spare) | | | | |
| | 40A, TP MCB - 2nos(ATM /POWER DB/spare) | | | | |
| | 25A, SP MCB - 2 Nos For UPS input | | | | |
| | 32 A SP MCB 1 (UPS input) | | | | |
| b) | AC / PDB Branch | 1 | No. | | |
| | Supply, installation, testing and commissioning of 6 WAY TPN Double door type MCB DB, dust tight, vermin proof, double door construction with the following: | | | | |
| | Incomer | | | | |
| | 63A,4pole100mA RCCB - 1no. | | | | |
| | 63A,4pole MCB Isolator-01 | | | | |
| | Outgoings | | | | |
| | 25A, SP MCB - 6 nos. For Bank Area AC Load | | | | |
| | 20A, SP MCB - 1 Pantry area Power plug | | | | |
| | 16/10A, SP MCB - 6 no.RAW Power Circuits in Work Station | | | | |
| c) | LDB (Branch) | 1 | No. | | |
| | Supply, installation, testing and commissioning of 4 WAY TPN Double door type MCB DB, dust tight, vermin proof, double door construction with the following: | | | | |
| | Incomer | | | | |
| | 40A,4pole30mA RCCB - 1no. | | | | |
| | 40A,4pole MCB Isolator-01 | | | | |
| | Outgoings | | | | |
| | 6/10A, SP MCB - 12no. | | | | |
| d) | COMPUTER DB | 1 | No. | | |
| | Supply, installation, testing and commissioning of 12 WAY SPN Double door type MCB DB, dust tight, vermin proof, double door construction with the following: | | | | |
| | Incomer | | | | |
| | 40A,DP MCB | | | | |
| | Outgoings: | | | | |
| | 6A / 10A, SP MCB - 8 nos.UPS Circuits | | | | |
| | EMERGENCY LIGHTING- 25A,DP 30mA RCCB - 1no. | | | | |
| e) | CRITICAL DB UPS | 1 | No. | | |
| | Supply, installation, testing and commissioning of 8 WAY SPN Double door type MCB DB, dust tight, vermin proof, double door construction with the following: | | | | |
| | Incomer | | | | |
| | 40A,DP MCB | | | | |
| | Outgoings: | | | | |
| | 6A / 10A, SP MCB - 4 nos. Camera CCTV And Alarm Circuits | | | | |
| f) | UPS SPLITTER DB | 1 | No. | | |
| | Supply, installation, testing and commissioning of 8 WAY SPN Double door type MCB DB, dust tight, vermin proof, double door construction with the following: | | | | |
| | Incomer | | | | |
| | 40A,DP MCB | | | | |
| | Outgoings: | | | | |
| | 25A, SP MCB - 2 nos. UPS DB Incomer and critical DB Incomer | | | | |
| 2 | Supply and fixing 63A, 4P ON LOAD Rotary Type Change Over Switch for Light Load Only (Havells or L&T) with suitable enclosure (powder coated) | 1 | No. | | |
| 3 | UG CABLE LAYING | | | | |
| | Supply and laying of following Aluminum armored cables through trench/wall/trays/pipes etc. including supply & fixing of necessary clamping materials, if any required. | | | | |
| a) | 4C x 35sqmm Aluminum Ar Cable. From Meter Board to Main DB | 35 | Rmt | | |
| b) | 4C x 25sqmm Aluminum Armored cable. For Various incomers | 30 | Rmt | | UR |
| c) | 4C x 16sqmm Aluminum Ar Cable. For ATM incomer | 30 | Rmt | | |
| 4 | Cable Termination | | | | |
| | Supply and Termination of the following LT PVC Insulated Armored Aluminum L.T.Cables (AYWY / AYYF) using single compression cadmium plated brass cable glands, Copper crimped type cable lugs, cable identification tags and including Gland earthing using copper conductor of adequate size , AL-CU strip for termination of Cables etc. | | | | |
| a) | 4C x 35sqmm Aluminum armored cable | 2 | Nos. | | |

| | | | | | |
|----|---|-----|------|--|----|
| b) | 4C x 25sqmm Aluminum Cable. | 2 | Nos. | | UR |
| c) | 4C x 16sqmm Aluminum Cable. | 1 | Nos. | | |
| 5 | Supply and fixing 1 no of 3pole contactor (MNX12), 1 no of 32A NL-link, 1 no of 40A 4P ISO (as bypass switch for contactor), 1 no of 6A SPMCB (for contactor Auxilary supply, which should be taken from incomer side of contactor) in a suitable size metallic enclosure . Complete with proper termination, dressing, earthingand connection. (For Master Switch Operation of LDB) - Mounted in the Electrical room near LDB | 1 | Nos | | |
| 6 | Supply and fixing 1 no of 3pole contactor (MNX40), 1 no of 63A NL-link, 1 no of 63A 4P ISO (as bypass switch for contactor), 1 no of 6A SPMCB (for contactor Auxilary supply, which should be taken from incomer side of contactor) in a suitable size metallic enclosure . Complete with proper termination, dressing, earthingand connection. (For Master Switch Operation of AC PDB) - Mounted in the Electrical room near PDB | 1 | Nos | | |
| 7 | Supply and installation of 6A modular switch with indicator in a suitable concealed metal box and cover plates etc. as complete-(This is to be installed 1900mm above FFL in bank main entrance area) Master Switch for LDB. For Controlling the entire Lighting circuits | 2 | Nos | | |
| 8 | Supply and control wiring using 2 runs of 1.0sqmm FRLS stranded copper wire in 20mm PVC conduit from Master Switch to contactor in LDB. | 55 | Mtrs | | |
| 9 | EARTHING SYSTEM | | | | |
| | EARTHING CONDUCTORS. | | | | |
| | Supply, fixing and giving termination to the following cu. strips and wires for effective earthing of the system | | | | |
| a) | No.8 swg cu. | 110 | Mtrs | | |
| b) | No.10 swg cu. | 45 | Mtrs | | |
| c) | No.12 swg cu. | 2 | Mtrs | | |
| 10 | Copper Earth Bench made out of 25mm x 6 mm Copper and duly tinned to take multiple Earth Connections to DBs. | 2 | Nos | | |
| 11 | Supply & providing efficient pipe earthing using 50mm x 2.5m long GI pipe with necessary earth pit, watering funnel including filling pit with charcoal, salt etc., cement concrete (equivalent construction), concrete/CI cover including civil work, cu. strip connection from top to the plates etc., complete as per IS-3043/1987 (KSEB Power) | 1 | Nos. | | |
| 12 | Supply & providing efficient plate earthing using 600 X 600 X 3mm Cu. earth electrode with necessary earth pit, pipe connection including filling the pit with charcoal, salt etc. cement concrete or equivalent construction including civil work & cu. strip connection from top to the plates, concrete cover etc., complete as per IS-3043/1987 (Branch and ATM UPS) | 1 | Nos. | | |
| 13 | POINT WIRING USING MODULAR SWITCHES for 230Volts A.C Circuits through PVC conduits, 1.5 sq.mm(14/0.3) single core PVC insulated copper wire for distribution and, 6A control switches, 6A sockets, MS mounting boxes etc. as necessary for the following items. | | | | |
| a) | One light/exhaust/bell point controlled by one switch | 13 | Set | | |
| b) | Two light points controlled by one switch | 11 | Set | | |
| c) | Three light points controlled by one switch | 5 | Set | | |
| d) | Supply and wiring WALL FAN points concealed using 3 Runs of 1.5 sqmm pvc insulated copper wire (includes one run of green color copper wire for earth) including supply and fixing 5A socket on metal concealed box with modular switch. Maximum wiring length up to 5 Meters | 8 | Ea | | |
| e) | Supply & wiring CEILING FAN points concealed using 3 Runs of 1.5 sqmm pvc insulated copper wire (includes one run of green color copper wire for earth) including supply & fixing 100W electronic STEP regulator on metal concealed box with modular switch. Maximum wiring length up to 5 Meters | 4 | Ea | | |
| 14 | Supply and wiring for 6A 2/3 pin combine socket using 3 Runs of 1.5 sqmm pvc insulated copper wire including supply and fixing of 6A modular switch and 2/3 pin combine socket on metal concealed box. Maximum wiring length up to 5 Meters | | | | |
| a) | In independent position | 3 | Nos. | | |
| b) | In combined position | 5 | Nos. | | |
| 15 | CIRCUIT & POWER WIRING including laying and Termination of PVC Insulated copper wires through PVC conduits for the following type of wiring | | | | |
| a) | Supply & installation charges for CIRCUIT & POWER WIRING including laying and Termination of PVC Insulated copper wires through PVC conduits for the following type of wiring supply and laying of conduits are included in this scope of work. | 250 | Rmt | | |
| b) | Supply and wiring using 2runs of 1.5sqmm pvc insulated copper wire with 1R x 1.5sq.mm insulated copper wire for earth through recessed 20mm dia ISI marked medium duty medium gauge pvc conduit with inspection type accessories for wiring power points from distribution board (including supply of pvc pipes and chipping and refilling the wall for fixing pvc pipe)- Switch Board to Switch Board loop | 400 | Rmt | | |
| c) | Supply and wiring using 2runs of 2.5sqmm pvc insulated copper wire with 1R x 1.5sq.mm insulated copper wire for earth through recessed 20mm dia ISI marked medium duty medium gauge pvc conduit with inspection type accessories for wiring power points from distribution board (including supply of pvc pipes and chipping and refilling the wall for fixing pvc pipe)- DB To Switch Board UPS And RAW Power Wiring | 200 | Rmt | | |

| | | | | | |
|-----------|---|-----|------|--|--|
| d) | Supply and wiring using 2runs of 4 sqmm pvc insulated copper wire with 1R x 4 sq.mm insulated copper wire for earth through recessed 25mm dia ISI marked medium duty medium gauge pvc conduit with inspection type accessories for wiring power points from distribution board (including supply of pvc pipes and chipping and refilling the wall for fixing pvc pipe)- Single phase AC Wiring up to 2 Ton | 23 | Rmt | | |
| e) | Supply and wiring using 2 runs of 6 sqmm pvc insulated copper wire with 1 R x 4 sq.mm insulated copper wire for earth through recessed 40mm dia ISI marked medium duty medium gauge pvc conduit with inspection type accessories for wiring power points from distribution board (including supply of pvc pipes and chipping and refilling the wall for fixing pvc pipe)- UPS Input Output Wiring | 25 | M | | |
| 16 | Supply and laying 2x2.5 sq.mm + 1x1.5 sq.mm Ar Cu Cable in recess /surface including all connections required from DB to Board light /lolipop located outside the Bank | | | | |
| a) | Supply and Installation of 16A power plug with 3pin socket & switch, M.S box (concealed) & all internal connection etc., complete) in Electrical room | 3 | Nos. | | |
| b) | Supply and Installation of 25A/32A DP MCB Isolator in a suitable steel enclosure, (factory make) and giving connection etc., as complete. (UPS Input & Output) - In Electrical room | 2 | Nos. | | |
| c) | Supply and Installation 25A/32A DP MCB Isolator in a suitable steel enclosure, (factory make) and giving connection etc.,in electrical room for AC Connection all Stabilizer - In electrical Room | 7 | Nos. | | |
| 17 | LDB FOR PORTABLE GENERATOR | | | | |
| a) | Supply and Installation 25A DP Tempra plug and socket with 25A DP MCB for Generator output. Located near Generator | 0 | Nos | | |
| b) | Supply and fixing start/stop push button with enclosure for Portable Genset. (Loc: at Electrical Room) | 0 | Nos | | |
| c) | Supply and wiring using 4runs of 1.5sqmm PVC insulated FRLS stranded copper wires in 20mm rigid PVC conduit for Generator Push button wiring. | 0 | Mtrs | | |
| 18 | LUMINARIES, FANS & CALL BELL | | | | |
| a) | Recessed DOWN LIGHT 12W LED, Havells/Wipro /Phillips . | 20 | Nos. | | |
| b) | Recessed mounting LUMINAIRE with 36W LED lamp,Havells/Wipro /Phillips (600 X 600) | 10 | Nos. | | |
| c) | 20W LED Tube Havells / Phillips or equaling | 8 | Nos. | | |
| d) | Ceiling Fans 1200mm (Crompton HIGH SPEED) Color - Ivory (Including supply & fixing Anchor Fastener on RCC slab & fan hook) | 4 | Nos. | | |
| e) | Oscillating type wall fan 400mm (Crompton- HIGH FLOW) - (Metal leaf) | 8 | Nos. | | |
| f) | 300mm light duty Exhaust fan (Almonard) | 5 | Nos. | | |
| g) | Angle Holder with 15 Watt spiral CF lamps (Philips) | 3 | Nos. | | |
| h) | Call bell Electronic for Manager's Cabin (GM make.) | 1 | Nos. | | |
| i) | Timer for Exhaust fan (Make: L& T) | 1 | Nos. | | |
| 19 | TELEPHONE CABLING & TERMINATION | | | | |
| a) | Supply and installation o2runs of 10 pair , 0.5mm telephone wire upto Terminal connectors through 25mm dia. ISI marked medium duty conduits and accessories. For main Line from Telphones department. | 40 | Rmt | | |
| b) | Supply, installation, testing and commissioning of 20pair telephone terminal box. The terminal box shall be with sheet steel enclosure and Krone connector | 1 | Nos. | | |
| c) | Supply and installation 2pair 0.5mm telephone cable through 20mm ISI marked medium duty PVC | 165 | Rmt | | |
| d) | Supply and fixing of RJ 11 telephone socket outlet on MS box and giving connection etc., complete. (2 Ea at BM room and others for Work stations) | 14 | Nos. | | |
| 20 | FIXTURES ON PARTITIONS/ WORK STATIONS/ COUNTER/WALL | | | | |
| | Supply, installation and termination of Switch/Socket (UPS/EB) with suitable size 16SWG GI box and front plates excluding wiring. | | | | |
| a) | 6A Socket - 1No controlled with One Switch- in metal Box and all accessories for RAW Power at various locations in the bank | 5 | Set | | |
| b) | 6A Socket - A set of 2Nos controlled with one switch in metal box and all accessories for all work stations above table for printer, charger or counting machines. | 7 | Set | | |
| c) | 6A Socket - As set of 3Nos below the work table controlled with one switch mounted above work table for UPS power (Computers, Monitors etc) in all work stations | 7 | Set | | |
| d) | 6A Socket - A set of 4Nos without switch (for Network work rack, CCTV , EPABX) - critical load | 3 | Sets | | |
| 21 | Supply and laying of PVC conduit and all PVC accessories for laying in additional work that are not specified in BOQ | | | | |
| a) | 20 mm dia. | 60 | Rmt | | |
| b) | 25 mm dia. | 60 | Rmt | | |
| 22 | NETWORK CABLING & POINTS | | | | |
| a) | Supply and laying of CAT6E 4 pair UTP cable through existing 20mm/25mm casing capping/PVC conduit for computer network. | 325 | Mtrs | | |
| b) | Information outlet RJ45.with PVC Surface Box | 12 | Nos | | |
| c) | 1 mtr (3 Ft) length patch cord - Cat 6 - Patch panel to Network switch | 12 | Nos | | |
| d) | 2 mtr (7 Ft) length patch cord - Cat 6 - To all systems | 12 | Nos | | |
| e) | Cat 6 -16 port patch (jack) panel with fully IO loaded. | 1 | Nos | | |
| f) | 24 port 1000 Mbps Giga bites switch (unmanaged). | 1 | Nos | | |

| | | | | | |
|------------------|---|----|------|--|--|
| | g) Wall mounting type 19" - 9U rack (HCL/ Exlan) with acrylytic door with following accessories: | 1 | Nos | | |
| | h) Power Manager - 1 No with 6 sockets | 1 | Nos | | |
| | i) Cable Manger - 1 No, c. Canti Lever tray - 1 No | 1 | Nos | | |
| | j) Hard ware Kit - 1 packet of 10 nos | 1 | Nos | | |
| 23 | Supply & Erection of Vertical /Horizontal type M.S Cable trays and cable supports fabricated out of M.S Angles using 8 mm threaded rod and C Type channels . Flats with sufficient width and spacing between successive cross members and supported at adequate spacing Minimum Spacing between two trays is 75 cm .The cable trays and supports shall be painted with 2 coats of Zinc chromate primer | 35 | Mtrs | | |
| 24 | MISCELLANEOUS ITEMS. | | | | |
| a) | Installing an RYB indication system in a common area is an effective way to visually identify the status of a EB power supply, particularly in systems where the EB supply is critical. The rate include the wiring of pilot lamp App 5 Mtrs | 1 | Nos. | | |
| b) | Electrical Grade Rubber Mat suitable for 440Volts Switchboards. (6' x 3' x 1/4"). | 1 | Nos. | | |
| c) | 5 Kg Dry Chemical Powder type (DCP) fire extinguishers having SI mark along with mounting supports etc. | 1 | Nos. | | |
| d) | Shock treatment chart. | 1 | Nos. | | |
| e) | Laison work with the EB for getting connection for the installation. | 1 | LS | | |
| SUB TOTAL | | | | | |
| GST | | | | | |

| PRICE BID DOCUMENT FOR AIR CONDITIONING WORKS OF BANK OF BARODA, CHADAYAMANGALAM BRANCH | | | | | |
|---|--|----------|------|---------|--------|
| TYPE OF AIR CONDITIONER - HIGH WALL SPLIT - 3 STAR, COPPER CONDENSOR | | | | | |
| C AIR CONDITIONING WORKS | | | | | |
| Sl No. | Description | Quantity | Unit | Rate | Amount |
| PART A (HIGH SIDE) | | | | | |
| 1 | Supply & Installation of Hi wall Split having Copper Condensor coil & indoor remote | | | | |
| 1a | 1.5 TR. Location - Office area (DAIKIN, BLUESTAR, CARRIER - 3 STAR) or Equal | 4 | Each | By Bank | |
| 1b | 1.0 TR. Location - BH office (DAIKIN, BLUESTAR, CARRIER - 3 STAR) or Equal | 1 | Each | | |
| PART B (LOW SIDE) | | | | | |
| 2 | Supply & installation of Piping work & vacum testing | | | | |
| 2a | Supply line for 1.50 TR Hi- wall split | 26 | M | | |
| 2b | Discharge line for 1.50 TR Hi- wall split | 26 | M | | |
| 2c | Supply line for 1.00 TR Hi -wall split | 18 | M | | |
| 2d | Discharge line for 1.00 TR Hi - wall split | 18 | M | | |
| 3 | Supply and Installation of control cables for | | | | |
| 3a | 1.50 TR Hi - wall split | 26 | M | | |
| 3b | 1.00 TR Hi - wall split | 18 | M | | |
| 4 | Supply and Installation of Power cables from Electrical room to indoor units for | | | | |
| 4a | 1.50 TR Hi - wall split | 26 | M | | |
| 4b | 1.00 TR Hi - wall split | 18 | M | | |
| 5 | Testing and Commissioning of AC, Supply & discharge lines, Stabilisers & complete system | | | | |
| 5a | 1.50 TR Hi - wall split | 4 | Each | | |
| 5b | 1.00 TR Hi - wall split | 1 | Each | | |
| 6 | Supply and Installation of the following capacity stabilizers for AC units in Electrical room | | | | |
| 6a | 3Kva | 5 | Each | | |
| 7 | Supply and Installation of CPVC Sdr 13 Condensate drain from Blower to Drain line | | | | |
| 7a | 1.50 TR Hi - wall split | 26 | M | | |
| 7b | 1.00 TR Hi - wall split | 18 | M | | |
| 8 | Supply and installation of Exterior unit wall brackets . | 5 | Each | | |
| 9 | MISCELLANEOUS & UNFORESEEN | 1 | LS | | |
| SUB TOTAL | | | | | |
| GST | | | | | |