

<b>PRICE BID OF BANK OF BARODA AROOR BRANCH</b>					
<b>Schedule of items for Furnishing works</b>					
<b>Sl.No</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
<b>A</b>	<b>BANKING AREA</b>				
1	<b>Glazed door :</b> Providing and fixing entrance door using <b>12 mm toughned glass including floor springs with all necessary patches and Glass to glass lock round type (w/o cut out)</b> patches for hanging the toughned glass ,etc complete. The door should have SS 'H'-type (25x425mm)door handles on both sides. All Edges of the glass to be polished and Provide Rubber beading, The emblem and sticker works are as per the detailed drawing.	5.73	SQM		
2	<b>Frameless glazing:-</b> Providing and fixing frame less glazing using <b>12 mm toughned glass</b> with all necessary patches for hanging the toughned glass as per detailed drawing. The emblem and etching works are as per the detailed drawing.	7.02	SQM		
3	<b>Full height Partition both side lamination :-</b> Providing full height partitions with hard wood frames of size 5 x 5 cm vertically and horizontally at 60 cms spacing, or at closer intervals as per site conditions, 6 mm BWR 303 grade ply and 1 mm laminate (in two colours as per design) of approved make on both sides of partition and provision for access doors wherever required in matching pattern .	6.23	SQM		

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4	<p><b>Half glazed and half paneled full height partition:-</b> Providing full height partitions with hard wood frames of size 5 x 5 cm vertically and horizontally at 60 cms spacing, or at closer intervals as per site conditions, 6 mm BWR 303 grade ply and 1 mm laminate (in colours as per design) on both sides upto 100 cms high, glazing from +100 to 210 cms level with <b>12 mm bevelled glass</b> with emblem and sticker works and door. Glazing to be in big panels as per design wherever required. Glass to be fixed with polished decorative teak wood beadings. Necessary holes must be made in the frame sections to run the wires, computer cables wherever necessary. Similarly necessary cutting to be made in the plywood surface to fix switch boxes of electrical, telephone sockets, computer information outlets etc. Door to be done in same manner. Size: 75cmx210 cm with Cylindrical locks, SS Tower bolt, SS Hinges, door closure &amp; stopper. (Measurement for payment only up to bottom of false ceiling. Main section of partition will go up to the bottom of RCC slab)</p>	6.91	SQM		
5	<p><b>Full height Aluminum Partition :-</b> Providing and fixing partition with Aluminium Heavy Gauge powder coated sections of 60mm x 40mm of standard design and provided with 9mm thick Novopan Particle board, glazing from +90 to 210 cms level with 12 mm bevelled glass with etching and door. <b>Door to be done in same manner.</b> Size: 90cmx210 cm with Cylindrical locks, SS Tower bolt, SS Hinges, door closure &amp; stopper. Glazing to be in big panels as per design wherever required.</p>	7.02	SQM		

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6	<p><b>Hollow Core Drywall partition one side mica:-</b> Providing &amp; fixing approved make hollow core drywall system using 51mm wall framing systems as core with 9mm thick Fibre cement boards fixed according to company specifications on one side and 6 mm ply and 1 mm laminate (in colours as per design) on other side including additional frames for fixing doors. The partition should withstand its weight. The joints shall be finished with putty to appear jointless. The partition shall be finished with good quality <b>a coat of primer 2 coat painting</b> etc.complete.Necessary holes must be made in the frame sections to run the wires ,computer cables wherever necessary. Door to be done in same manner with <b>vision panel of size 45 X 45. Door Size: 75cm x 210 cm with Cylindrical locks,SS Tower bolt, SS Hinges, door closure &amp; stopper.</b> The partition shall be extended upto true ceiling or bottom of beam.</p>	19.58	SQM		
7	<p><b>Hollow Core Drywall partition:-</b> Providing &amp; fixing Everest hollow core drywall system using 51mm wall framing systems as core with 10mm thick Fibre cement boards fixed according to company specifications including additional frames for fixing doors. The partition should withstand its weight. The joints shall be finished with putty to appear jointless. The partition shall be finished with good quality <b>a coat of primer 2 coat painting</b> etc.complete. The partition shall be extended upto true ceiling or bottom of beam.</p>	25.46	SQM		

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<p>8</p>	<p><b>Low height partition:-</b> Providing and fixing 120 cms high partition with wooden frame of size 5 x 5 cm vertically and horizontally at 60 cms spacing, or at closer intervals as per site conditions.6 mm BWR 303 grade ply wood and 1 mm laminate (in 3 colours) on both sides upto + 90 cms level, 12 mm plain glass with slits, etching and edge polishing from + 90 to + 120 cms level, .Glass to be fixed with polished wood beadings. Access doors with 7.5 x 4 cm hard wood frames matching with fixed partition, locks all best quality fittings, brass hinges etc. to be provided where required. Exposed sides of hardwood frames to be covered with 6 mm marine ply and 1 mm laminate.necessary provision for electrical switches may be provided.</p>	<p>5.79</p>	<p>SQM</p>		
<p>9</p>	<p><b>Cash Counter partition:-</b> Providing partitions for cash cabins with 5 x 5 cms size hardwood frames vertically and horizontally at 60 cms spacing, or at closer intervals as per site conditions, 6 mm BWR 303 grade ply and 1 mm laminate (in 3 colours as per design) on both sides upto 0 to 90cm height, glazing from +90 to +180 cms level with 12 mm glass with etching and edge polished grooves, access doors wherever required in matching pattern with hardwood frames, Glazing to be in big panels as per design. Necessary holes must be made in the frame sections to run the wires ,computer cables wherever necessary. Similarly necessary cutting to be made in the plywood surface to fix switch boxes of electrical, telephone sockets,computer information outlets etc. Door to be done in same manner. Size: 75cmx180cm with Night latch locks, all best quality hardware, SS Tower bolt, SS hinges, SS handle,&amp; stopper. etc;. complete.Glass to be fixed with polished wood beadings.Voucher tray of size 15 x 25 x 5 cm with 19 mm BWR 303 grad ply, 1 mm laminate, wooden lipping etc. to be given for each cash cabin</p>	<p>12.16</p>	<p>SQM</p>		

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10	<b>Semi glazed Aluminium door :</b> Providing and fixing door using 10 mm glass and Particle board. 100x40x2.4mm (1.867kg/m) aluminium section on 4 side and middle up to 120cm height including all best quality hardware, brass hinges,mortice lock with cylindrical lock etc;. complete	4.77	SQM		
11	<b>Wicket doors with Both side Mica:-</b> Providing and fixing 30 mm thick single leaf solid core and resin bonded flush door water proof quality with 1 mm thick lamination on both side external wooden lipping all round the shutters, all as per drawing and instruction. the doors and lamination of approved make, colour and design including all best quality hardware, brass hinges, lock etc;. complete.	0.99	SQM		
12	<b>Panelling:-</b> Providing panelling to walls and pillars with 5x3 cm wooden frames at 60 cm c/c horizontally and vertically, 12 mm marine ply and 1 mm laminate, as required etc. complete. Lamination to be in 3 colours as per design	36.72	SQM		
13	<b>Front Glass:-</b> Providing and fixing 12 mm plain glass with edge polishing. Glass to be fixed with polished wood beadings.The emblem and sticker works are as per the detailed drawing.	5.68	SQM		

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14	<p><b>Clerical Counter:-</b> Providing table type clerical counters 75 cms wide, 75 cms height, with table top, vertical dividers on both sides of drawer units and between counter seats all in 19 mm BWR 303 Grade plywood. 5x3 cm wooden frame to be given horizontally below inner edge of counter top for the entire length of the counter. 2" dia SS pipe to be provided as footrest. and necessary plywood frame work for drawer units to be given. Each seat (about 150 cm to 165 cm wide) to have key board tray and wire manager, One drawer and one storage space with Godrej make multi latch locks, Recessed Handle (Shutter Handle - Aluminium 3012 Square) (Ebco/eqlt). Key board tray with 19 mm BWR 303 Grade ply and 1 mm laminate etc. Drawers to have 'Ebco' brand telescopic drawer slides. Counter top to be finished with 1mm thick laminate of approved colour and 8mm thick glass. All external surfaces 1 mm laminate finish and internal surfaces finished with two coats of enamel paint over two coat of primer &amp; one coats of putty. Front vertical side of counter to be provided with two coloured lamination as per design etc. complete. 10mm thick wooden lipping for all exposed plywood edges.</p>	7.88	RM		
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15	<p><b>Cash counter:-</b> Providing single window counters 90 cms wide, 113 cms height, ledger top 90 cm width, transaction top 60 cms width, vertical dividers on both side of drawer units and between counter seats all in 19 mm BWR 303 Grade plywood. 5x3 cm wooden frame to be given horizontally below inner edge of counter top for the entire length of the counter. providing 10mm thick wooden lipping for all plywood edges. 2" dia SS pipe to be provided as footrest. and necessary plywood frame work for drawer units to be given."The drawer units shall have separators made of 6mm plywood painted with enamel after applying a smooth coat of putty to store different denominations of currency." Each seat (about 150 cm to 165 cm wide) to have key board tray and wire manager, Recessed Handle (Shutter Handle - Aluminium 3012 Square), Key board tray with 19 mm BWR 303 Grade ply and 1 mm laminate etc. Ledger top &amp; Transaction top to be finished with 1 mm laminate and 8mm thick glass. Front vertical side of counter to be provided with two coloured lamination as per design. All internal surfaces painted with two coat of primer, one coat putty &amp; two coats of enamel paint.</p>	1.68	RM		
16a	<p><b>False ceiling:-</b> Providing seamless false ceiling with GI frame work and 12.5 mm thick <b>gypsum board sheets</b>, as per standard specifications of M/s.Gypsum India Limited for horizontal and vertical surfaces including providing cutouts for light fittings, painting with 2 coats of plastic emulsion paint over primer and putty etc. complete</p>	76.83	SQM		
b	<p><b>Grid type false ceiling :-</b> Providing &amp; Fixing of grid type false ceiling with <b>armstrong tile, Model: Classic Lite RH99 Armstrong. (Classic Lite tiles with Rivel edge black groove grid frames)</b> and armstrong suspension system as per standard specifications of Armstrong world industries including providing cutouts for light fittings, etc. complete</p>	39.27	Sqm		

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17	<p><b>Tables:</b>-Providing table with 60 cms wide, 75 cms height, with table top, 5x3 cm wooden frame to be given horizontally below inner edge of counter top for the entire length of the counter. Providing 10mm thick wooden lipping for all plywood edges. Wooden foot rest of 7.5 x 3 cm size and necessary plywood frame work for drawer units to be given. Each seat (about 150 cm to 165 cm wide) to have key board tray and wire manager, One drawer and one storage space with Godrej make multi latch locks, Recessed handle (Shutter Handle - Aluminium 3012 Square) (Ebco/eqlt). Key board tray with 19 mm BWR 303 Grade ply and 1 mm laminate etc. Top of the table should be with <b>1mm laminate and 8mm glass</b>. Drawers to have 'Ebco' brand telescopic drawer slides. Counter top and all external surfaces finished with 1 mm laminate and internal surfaces finished with two coat of primer &amp; one coats of putty &amp; two coats of enamel paint. Front vertical side of counter to be provided with two coloured lamination as per design etc. complete.</p>				
a	Manager's table of size 200x 80 cms with 3 drawers as detailed above (without side unit)	1.00	EACH		
b	Officer's table of size 150 x 75 cms with 1 drawer and 1 storage space as detailed above (without side unit)	0.00	EACH		
18	<p><b>Side unit for table:</b>- Providing table side unit with 19mm BWR 303 grade ply for top, intermediate shelf, three vertical sides, sliding doors and 9 mm ply wood for rear side. All external surfaces and top including rear side with 1 mm laminate finish, all fixtures, Godrej locks nylon bushes, Recessed handle (Shutter Handle - Aluminium 3012) (Ebco/eqlt), wooden lippings etc. complete. All internal surfaces finished with two coat of primer &amp; one coats of putty over two coats of enamel paint.</p>				
a	120x45x75 cm size	1.00	EACH		
	135x45x75 cm size	1.00	EACH		
b	100x45x75 cm size	0.00	EACH		



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19	<b>Writing ledge / cheque drop box / suggestion box</b> -Supply/ installing wall mounted writing desk, cheque drop box, suggestion box as per detailed drawing. Outer sides shall be laminated and inner sides shall be painted with two coats of enamel paint over a coat of primer & two coats of putty.	1.00	EACH		
20	<b>Door closer:</b> Supplying and fixing 'everite' make hydraulic door closer including cost and conveyance of all materials, labour charges for fixing, etc. complete as per directions of site incharge.	3.00	EACH		
21	<b>Pantry Counter, :-</b> Providing table type pantry counters 60 cms wide, 75 cms height, with table top, front apron, vertical dividers 19 mm BWR 303 grade plywood. 5x3 cm wooden frame to be given horizontally below inner edge of counter top for the entire length of the counter. Wooden foot rest of 7.5 x 3 cm size <b>.Counter top to be provided with 20 mm edge bevelled and edge polished granite (jet black).</b> All external surfaces 1 mm laminate finish and internal surfaces with enamel finish. 10mm thick beach wood lipping for all plywood edges.	2.55	Rm		
22	<b>Counting room table :-</b> Providing table type counters 60 cms wide, 75 cms height, with table top, front apron, vertical dividers 19 mm BWR 303 grade plywood. 5x3 cm wooden frame to be given horizontally below inner edge of counter top for the entire length of the counter. Wooden foot rest of 7.5 x 3 cm size <b>.Counter top to be provided with 1mm laminate .</b> All external surfaces 1 mm laminate finish and internal surfaces with enamel finish. 10mm thick beach wood lipping for all plywood edges.	2.98	RM		
23	<b>Dressing table</b> -Supply/ installing wall mounted dressing table with glass mirror as per detailed drawing. Outer sides should be laminated and inner sides painted with two coats of enamel paint over a coat of primer & two coats of putty. (Size of table with mirror-50x45x140)	1.00	No		

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24	<b>Roller blinds :-</b> Supplying and providing roller blinds with smooth operations using manual and clutch roller controlled by a continuous cord loop . The blind is to be fixed within the window opening .The fabric shall be of sunscreening quality and of approved shade .Top Roller and bottom roller of powder coated Aluminium ( Make Marvel/ Vista)(Basic material rate -170/SFT)	7.68	SQM		
25	<b>NOTICE BOARD :-</b>				
	<b>Providing and fixing pinup boards.</b> It consist ½” soft boards of good density to be mounted over 19 mm thick BWR grade plywood. The soft board will be covered with a plain fabric (approx Rs.150 /Rmts.) from front and edges. Suitable moulding (as directed by architect) will be fixed on all four sides and will be finished in polish.	1.13	Sqm		
	<b>Note :</b> Only soft bords provided on other than the partitions will be measured and soft board made in the partitions will be the part of the partition measurement (rate) and not consider separately.				
26	<b>Full Ht./Low Ht. Laminated Storage -</b> Fabricating and fixing 45cm deep storage unit constructed out of 19mm. Thk BWR.ply sides and 19mm thick shutters-side hung with 1mm laminate, 12mm.thk hHW lipped BWR.ply bottom with SS Hinges. Exposed edges should be provided with wooden lipping. All external surfaces and top including rear side with 1 mm laminate finish , all fixtures, Godrej locks, Recessed handle (Shutter Handle -Aluminium 3512 ) (Ebco/eqlt),nylon bushes, wooden lippings etc. complete. All internal surfaces finished with two coat of primer & one coats of putty over two coats of enamel paint.	28.56	Sqm		
27	<b>Interior Acrylic Emulsion with putty :</b> Surface preparation, supplying & painting one coat of cement primer and two coats of wall putty and two coats of interior acrylic emulsion paint for interior surfaces, as per specifications, and of approved colour and make, including scraping, scaffolding etc. complete.	99.73	SQM		

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28	<b>Floating glass shelf for trophy in Managers room :-</b> Providing 12mm thk edge polished glass shelves of size 100cms length and 20cms width fixed to the Back wall in Managers cabin using adjustable glass shelf supports of SS finish (EBCO/eqlt) The spacing between the glass supports shall be 40cms or as per manufacturers specification.	2.00	No		
29	<b>External ACP Cladding:-</b> Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.	11.09	Sqm		
	<b>TOTAL</b>				<b>0.00</b>
	<b>Grand Total</b>				<b>0.00</b>
	ADD GST 18%				0.00
	<b>Grand Total</b>				<b>0.00</b>

<b>PRICE BID OF BANK OF BARODA AAROR BRANCH</b>					
<b>Schedule of items for Electrical works</b>					
<b>NO</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>I</b>	<b>DISTRIBUTION BOX AND CABLE</b>				
<b>1</b>	<b>MAIN VDB</b>				
	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of 6 way (8+18 - double cover TPN vertical DB with provision for fixing FP MCCB as incomer and SP/ TP MCB as outgoing (IP 42/43) including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall, making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439- 1&3.	1	No		
	<b>MAIN Incomer</b>				
	Supplying and fitting 80A 4P 35kA 415V 50Hz MCCB with Thermal Magnetic Protection Unit conforming to IS60947-2 & IEC 60947-2.	1	No		
	<b>Outgoings</b>				
	Supplying and fitting 63A 3P 415V 50Hz MCB 10kA C curve conforming to IEC 60947-2. For A/CDB & SPARE	2	No		
	Supplying and fitting 32A TP 415V 50Hz MCB 10kA C curve conforming to IEC 60947-2 For 3phase ups/LDB/ATM	3	No		
	Supplying and fitting 32/16A SP 240V 50Hz MCB 10kA C curve conforming to IEC 60947-2.For board light and spare	3	No		
<b>2</b>	<b>A/C DB</b>				
	Supply and installation charges of 3 phase 4way (8+12) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 4P MCB AND RCCB as incomer and SP MCB as out goings IP43 including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall, making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439 - 1&3.	1	No		
	<b>Incomer</b>				
	63A 4P RCBO (100mA) conforming to IEC/EN 61009 2010	1	No		
	<b>Outgoings</b>				

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	Supplying and fitting 10/16A SP 240V 50Hz MCB 10kA C curve conforming to IS/IEC 60898 -1 2002. For power plugs	6	No		
	Supplying and fitting 20/25A SP 240V 50Hz MCB 10kA C curve conforming to IS/IEC 60898 -1 2002. For single phase A/C Units	6	No		
<b>3</b>	<b>LDB</b>				
	Supply and installation charges of 3 phase 4 way (8+12) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 4P MCB AND RCCB as incomer and SP MCB as out goings IP43 including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439 - 1&3.	1	No		
	<b>Incomer</b>				
	32A (30mA) 4P RCBO conforming to IEC/EN 61009 2010	1	No		
	<b>Outgoings</b>				
	Supplying and fitting 10/6A SP 240V 50Hz MCB 10kA C curve conforming to IS/IEC 60898 -1 2002.	12	No		
	UPS				
4	<b>Phase selector Switch for UPS Input:-</b> 40A 4P MCB and 40A Phase Selector switch without off in metallic enclosure	1	No		
5	<b>UPS IP DB : SITC</b> of 6 Way double door SPN DB consisting of the following for UPS				
	32A 2P RCBO (30mA) as incomer				
	32 A 2P MCB - 2 Nos	1	No		
	<b>NOTE:</b> The complete alarm systems and CCTV systems power connections must be taken before the output MCB of the UPS connection to ensure continuous power supply to the security systems. separate MCB to be provided near CCTV, Fire Alarm System power points.				
6	<b>UPS OUTPUT:-</b> SITC 32 A DP MCB in metallic enclosure	2	No		
7	<b>UPS OUTPUT SUB DB:</b> Supply and installation charges of Single phase 12 way (I/C+O/G) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 2P ISOLATOR as incomer and SP MCB as out goings IP43 including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439 - 1&3.	1	No		

	40A 2P HI RCBO (30mA) - 1no as incomer and following as out goings	1	No		
	10A SP MCB - 10 No ( for CKT & Spare )	10	No		
	INVERTER				
8	<b>INVERTER CIRCUIT</b> Supply, Installation, testing and commissioning of Inverter input & output using 3 x2.5sqmm 1100V, PVC insulated FRLSH Copper conductor through PVC Conduit . Rate shall be for the average length from VDB to inverter charging, then to inverter input, from inverter output to inverter discharging & connection to change over and to inverter DB.No claim for additional wire and conduit. Following isolators to be provided for inverter charging (input) and discharging (output)				
a	40A DP ISOLATOR in metal enclosure for inverter charging	1	Set		
b	40A DP ISOLATOR in metal enclosure for inverter discharging	1	Set		
9	SITC of 40A 2P MCB Type manual Change over switch In metal enclosure with necessary fittings	1	Set		
10	<b>CONTROL SWITCH (CCTV)</b> :-SITC of 16A Modular switch box with socket and MCB	1	No		
11	<b>LIGHTING &amp; INVERTER DB CUTOFF</b>				
	Supply, Installation, testing and commissioning 32A 4P MCB IN 4 WAY SPN DB AT ENTRANCE OF BRANCH	2	Set		
12	<b>INVERTER DB</b> : Supply and installation charges of Single phase 12 way (I/C+O/G) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 2P ISOLATOR as incomer and SP MCB as out goings IP43 including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439 - 1&3.	1	No		
	32A 2P RCBO (30mA) as incomer	1	No		
	10A SP MCB - 10Nos	10	No		
13	<b>Supply &amp; Installation of SURGE PROTECTION DEVICE (TVSS) -</b> Surge protection device(AC) 3P+N, In-20Ka,Imax -40kA,Up-less than or equal to 4.5kV ,with indicator conforming to IEC/EN 61643-11	1	NO		
14	<b>POWER CABLE:</b> Supply & laying of XLPE insulated PVC innersheathed aluminium conductor, 1.1 kV grade armoured power cables conforming to IS:7098, as per approved make in ground/ trench/surface/wall/pipe,				
a	4x35 Sq.mm XLPE as incoming cable MSB to VDB	40	RM		
b	4x10 Sq.mm XLPE VDB to Light Cutoff and return to LDB	95	RM		

c	4x16 Sq.mm XLPE VDB to To POWER/AC DB	15	RM		
15	<b>CABLE TERMINATION</b> Supply and installation (SITC) of End termination of the following size of cables using flange type cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing.				
a	4x35 Sq.mm XLPE	2	No		
b	4x16 Sq.mm XLPE	2	No		
c	4x10 Sq.mm XLPE	6	No		
16	Wiring with 2 runs of 6Sq.mm 1100V grade PVC insulated Copper conductor multi strand wires FRLS along with one run of 6mm copper earth wire run in suitable size 2 mm thick PVC CONDUIT run concealed on wall/ Ceiling etc as required. (UPS I/P & O/P)	30	RM		
17	Wiring with 2 runs of 4Sq.mm 1100V grade PVC insulated Copper conductor multi strand wires FRLS along with one run of 4mm copper earth wire run in suitable size 2 mm thick PVC CONDUIT run concealed on wall/ Ceiling etc as required. ( INVERTER I/P & O/P)	25	RM		
18	Wiring with 3 runs of 2.5 Sq.mm 1100V grade PVC insulated Copper conductor multi strand wires FRLS along with one run of 4mm copper earth wire run in suitable size 2 mm thick PVC CONDUIT run concealed on wall/ Ceiling etc as required.	25	RM		
II	WIRING FOR LIGHT, FAN, PLUG SOCKETS, UPS & EARTHING OF BRANCH				
	COLOUR CODING AS PER IS 732 STANDARD. R Phase - RED COLOUR, Y Phase - YELLOW COLOUR, B Phase - BLUE COLOUR				
<b>19</b>	<b>WIRING SYSTEM</b>				
<b>A</b>	<b>Circuit Mains</b>				
	SITC of all materials and wiring for circuit mains from LDB to Switch Boards, using 2.5 sq mm 1100V, PVC insulated FRLSH Copper conductor for phase , neutral including earthing with 1 run of 2.5 sq.mm green copper wire continuous run thorough 25 mm PVC conduit as per IS, giving inter connection etc complete as required and as directed by engineer in charge.Rate shall be for the average length from LDB to the switch board.No claim for additional wire and conduit.				
	Item rate	11	No		
<b>B</b>	<b>Light and Exhaust fan Points</b>				

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	SITC of all materials and wiring for light and exhaust fan points using color coded 1.5 sq.mm 1100V grade, FRLSH, PVC insulated stranded copper conductor single core stranded wires of IS 694 specification and should have IS marking, through ISI medium grade 20mm rigid PVC conduits concealed in wall / slab/ceiling etc,complete with necessary accessories, including supplying and fixing 6A modular type switch housed in a suitable factory made M. S box with moulded front plate including earthing the box, ceiling rose, connectors (of approved make) etc., complete as required.(The rate include removing debris, packing and rough plastering the grews after conduiting)				
<b>b1</b>	Single control light Point / Exhaust fan point (one light/fan controled by one switch)				
	Item rate	36	No		
<b>C</b>	<b>Group Control Wiring (Lights)</b>				
<b>c1</b>	Two lights controlled by one switch				
	Item rate	5	No		
<b>c2</b>	Three lights controlled by one switch				
	Item rate	1	No		
<b>c3</b>	Four lights controlled by one switch				
	Item rate	6	No		
<b>D</b>	Supplying all materials and wiring for ceiling fan points with 250 W stepped type electronic regulator using 1.5sq.mm, FRLSH PVC insulated stranded copper conductor single core stranded color coded wires of 1100V grade and 1 run of 1.5 sq.mm green copper wire for Phase , nuetral & earthing continuously run as per IS through ISI medium grade rigid PVC conduits concealed in wall/slab/ceiling etc., complete with necessary accessories, including supplying and fixing 6A modular type switch and 250W electronic fan regulator housed in a suitable factory made M. S. box with moulded front plate including earthing the box,complete as required.(The rate include removing debris, packing and rough plastering the grews after conduiting)				
<b>d1</b>	Ceiling fan point				
	Item rate	5	No		
<b>d2</b>	Wall fan point (same as above ) with 6A socket but without electronic regulator				
	Item rate	7	No		
<b>E</b>	<b>Plug Sockets</b>				



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<b>e1</b>	<p>Supplying all materials and wiring for <b>6A</b> plug points in <b>independent</b> positions using 1.5 sq.mm 1100V, FRLS PVC insulated copper conductor single core stranded wire for phase &amp; neutral and earthing with 1 run of 1.5 sq.mm green copper wire inside the conduit / flat conduit , and fixing 6A modular type plug socket (2 in 1) controlled by 6A switch with moulded front plate, housed in a suitable factory built MS box. Giving connections, earthing etc complete as required.</p>				
	Item rate	17	No		
<b>e2</b>	<p>Supplying all materials and wiring for <b>6A plug points in combined</b> positions using 2 runs of 1.5 sq.mm 110V FRLS PVC insulated copper conductor single core stranded wire, earthing with earthing with 1 run of 1.5 sq.mm green copper wire inside the conduit/flat conduit , and fixing 6A modular type plug socket (2 in 1) controlled by 6A switch with moulded front plate, housed in a suitable factory built MS box. Giving connections, earthing etc complete as required. (in SB)</p>				
	Item rate	9	No		
<b>e3</b>	<p>Supplying all materials and fixing modular type <b>16A power plug point</b> with 16A 3 pin modular type plug socket controlled with 16A switch with moulded front plate, housed in a suitable factory built MS/PVC box using 2 runs of 2.5 sq mm 1100V , FRLSH PVC insulated stranded Copper conductor including earthing with 1 run of 2.5 sq.mm green copper wire continuous run thorough 25 mm PVC conduit as per IS, giving inter connection etc complete as required and as directed by engineer in charge. as per IS, giving inter connection etc complete as required. Rate shall be for the average length from DB to the switch board.No claim for additional wire and conduit.</p>				
	Item rate	7	No		

	NOTE: The Electrical Wiring inside the Strong Room should be in a CONDUIT and POWER CUT OFF SYSTEM either AUTO / MANUAL PLUG SYSTEM drawing power only from the Limit Switch in case of "Auto Power Cut Off System" is provided in the Door OR from the FEEDER BOX fitted outside the Strong Room (near the door) in case of Manual Plug System. The MANUAL PLUG SYSTEM OF POWER CUT OFF should be such that the connecting cable passes through the Strong Room Defender Door from inside to outside, which should be accessible only after opening the S.R. door (thus ensuring that the door can not be closed without removing the plug + wire and hence total power inside the Strong Room is cut off leaving no chances of fire resulting from an Electrical source / High Voltage / Surging even with the Switches in Off position). Inverter & KSEB Power inside strong room should be provided through two separate plug and socket arrangements.				
<b>F</b>	<b>Computer power point - UPS power stations</b>				
	Supplying all materials and fixing modular type 3 numbers 6A, 3 Pin sockets controlled by one number 16A SP control indicator switch with moulded front plate, housed in a suitable factory built MS/PVC box	10	NO		
	SITC of all materials and wiring for circuit mains from UPS Sub DB to work station using 2 runs of 2.5 sq mm 1100V, FRLSH PVC insulated stranded Copper conductor including earthing with 1 run of 2.5 sq.mm green copper wire continuous run thorough 25 mm PVC conduit as per IS, giving inter connection etc complete as required and as directed by engineer in charge. etc complete as required . Rate shall be for the average length from DB to the primary switch board and looping to adjacent switch boards. No claim for additional wire and conduit. <b>(Maximum 2 points from 1 Circuit)</b>	7	NO		
<b>H</b>	<b>1 Ton A/C Point</b>				
	Supplying all materials and fixing modular type <b>20 A power plug point with 20A 3 pin socket controlled with 20 A DP</b> modular switch with moulded front plate, housed in a suitable factory built MS box using 4 sqmm 1100 V, FRLS PVC insulated stranded Copper conductor and earthing with 4 sqmm green Cu wire continuously run through 25 mm PVC conduit as per IS giving inter connection etc complete as required. <b>(AC point)</b> the switch shall be fixed at a height of 120 cm from finished floor level . Rate shall be for the average length from DB to the switch board. No claim for additional wire and conduit.				
	Item rate	1	No		
<b>I</b>	<b>2 Ton/1.5 TON A/C Point</b>				

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	Supplying all materials and fixing modular type <b>32 A power plug point with 32A 3 pin socket controlled with 32 A DP</b> modular switch with moulded front plate, housed in a suitable factory built MS box using 2 runs 4 sqmm 1100V FRLS PVC insulated Copper conductor and earthing with 2.5 sqmm green Cu wire continuously run through 25 mm PVC conduit as per IS giving inter connection etc complete as required. <b>(2 Ton AC point)</b> the switch shall be fixed at a height of 120 cm from finished floor level. Rate shall be for the average length from DB to the switch board.No claim for additional wire and conduit.				
	Item rate	3	No		
<b>J</b>	<b>CASSETTE AC POINT</b>				
	Supplying and fixing <b>30 A, 415 V</b> , TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 30 A "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	UR	No		
<b>K</b>	Weather proof IP 65 enclosure for AC outdoor control(to be provided after obtaining approval from Bank)	UR	No		
<b>20</b>	<b>STABILIZER</b>				
<b>a</b>	SITC of 4/5 KVA , V Guard make voltage stabilizer	UR	nos		
<b>b</b>	Supply and fixing 20A MCB CONTROLLED plug socket With plug top for AC Stabilizer	4	No		
<b>21</b>	<b>Board Light Point</b>				
	Supplying all materials ,Wiring for board light point controlled by 20A <b>ELCB</b> in metal enclosure using 2 runs 2.5 sqmm 1100V FRLS PVC insulated Coper conductor and earthing with 2.5 sqmm pvc insulated green Copper wire continously run through 25 mm PVC conduit as per IS giving inter connection etc complete as required. Rate shall be for the average length from DB to the board light . No claim for additional wire and conduit. <b>(Board Light point for Branch)</b>	1	no		
<b>22</b>	<b>SITC OF LIGHT FITTINGS AND FANS</b>				
<b>a</b>	<u>36W LED FITTING</u> - Supply and Installation of 2'x2' square LED ceiling flush mounted fitting of Wipro, Elate LED,CRCO10	13	No		
<b>b</b>	<u>ROUND LED DOWN LIGHT FITTING</u> Supply and Installation of LED ceiling fitting Wipro Iris LED Slim Ro, LD80-171-XXX-60-XX 1x18W	12	No		
<b>c</b>	<u>ROUND LED FITTING</u> Supply and Installation of LED ceiling fitting Wipro Iris LED Slim Ro, LD80-530-XXX-60-XX 1x9w or equivalent	24	No		
<b>d</b>	<u>CALLING BELL</u> Supply and Installation of Calling bell controlled by modular type bell push	1	No		

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e	<u>LED TUBE FITTING</u> Supply and Installation of 1x18 W patty LED tube fitting on wall or ceiling Garnet led tube 4feet white	11	No		
f	LED bulb - Supply and Installation of 9W LED bulb on angle holder.	3	No		
g	<u>WALL FAN</u> Supply and Installation of 400 mm sweep swivelling type wall fan Crompton Greaves High flo or equivalent	7	No		
h	<u>EXHAUST FAN</u> Supply and Installation 150mm light duty exhaust fan with all fittings	2	No		
i	<u>EXHAUST FAN</u> Supply and Installation 300mm light duty exhaust fan with all fittings	1	No		
j	<u>CEILING FAN</u> Supply and Installation of 1200 mm sweep ceiling fan with all fittings for the installation of Ceiling fan - Crompton Greaves - white color	5	No		
k	<u>CABIN FAN</u> Supply and installation of 300mm sweep cabin fan with plastic body & blade with Grill for protection and can be mounting on ceiling.	2	No		
l	<u>LED STRIP</u> Supply and fixing strip LED (Warm colour) for false ceiling with good quality driver unit (4A,12V adaptor for 5M ) Formes Led Wipro	70	RM		
j	Supply and installation of 15W 2ft Watt LED Mirror Lamp luminaire and giving connections.	1	No		
23	<b>EARTHING STATIONS</b>				
a	Supply and installation of plate earthing station conforming to IS 3043 using 600x600x6mm Copper plate earth electrode buried in ground, 20mm dia 3m long perforated GI pipe with funnel and constructing inspection chamber by masonry work with heavy duty CI inspection cover including civil work complete for UPS.	1	No		
b	<u>PIPE EARTH</u> Supplying of all materials and providing earth point with pipe earthing waste pipe earthing strips, funnel etc. excavation trenches, filling with alternate layers of charcoal, salt and sand, back filling as per BIS specifications and IS 3043/1987	2	No		
24	<b>EARTHING CONDUCTORS</b>				
	Supply and laying the following sizes of bare copper earthing conductors including termination, bracing the joints etc. as per standards.				
a	2x10 SWG Copper through cables	60	RM		
b	1x8 SWG Copper for pipe earth	80	RM		
c	1x10 SWG Copper	120	RM		
25	<b>EARTH BENCH</b> Supply and fixing tinned copper earth bench (minimum 40cm length) 25x3 mm with all termination using cu sockets etc	2	No		
26	Preparing Drawing and completion report for KSEB incl. liaisoning with office, submission & followup of application etc.	1	Ls		
27	Supply & providing electrical grade rubber floor mats	20	sq ft		

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28	Supply & providing cautin boards,Aluminium 105x105mm	3	nos		
29	Supply & providing electrical shock treatment chart (Three Languages -Hindi-English-Malayalam )	1	no		
30	Supply & providing First Aid Kit	1	no		
	<b>SUB TOTAL</b>				
<b>II</b>	<b>TELEPHONE</b>				
	Supply and wiring using 2 pair telephone cable in 20/25mm medium duty ISI PVC pipe with all necessary pvc accessories				
a	2 pair telephone cabling	250	RM		
b	Supply and fixing of RJ 11 type telephone socket on suitable PVC / metal boxes.				
i	Telephone socket – single modular type	7	No		
ii	Telephone socket – double modular type	1	No		
c	Supply, laying commissioning of 0.5 sq.mm 10 pair armoured telephone cable with all accessories	10	m		
d	Supply and installation of KRONE connector telephone junction box of 20 pair.	1	No		
	<b>SUB TOTAL</b>				
<b>III</b>	<b>NETWORKING</b>				
1	Supply & drawing of CAT-6 UTP 4pair network cable in suitable size heavy duty PVC conduit and conduct accessories (maximum 2runs of cable in 20mm PVC pipe. Maximum 4runs of cable in 25mm PVC pipe)				
a	CAT-6 UTP 4pair network cabling Excluding the cost of pvc pipe and accessories	350	RM		
2	PVC CONDUIT LAYING Supply & laying of 20/25mm medium duty ISI PVC pipe with all necessary pvc accessories excluding the cost of circuit				
a	20mm ISI (M)	55	RM		
b	25mm ISI (M)	50	RM		
3	Supply & fixing of single I/O Box with face plate and connections	10	No		
4	Supply & fixing of 24port Patch panel.The rate inclusive of terminations and interconnections.	1	No		
5	Supply and fixing 9U rack of (APW or NETRECK) make with 5 power strip.The rack shall have ventilation fans & locking arrangements.	1	No		
6	Supply and providing patch chord with CAT 6 UTP 4pair cable min. 1m length.	10	No		
7	Supply and providing patch chord with CAT 6 UTP 4pair cable min. 2m length.	10	No		
	<b>SUB Total</b>				
	<b>SUMMARY</b>				
I	DB+ WIRING FOR LIGHT, FAN, PLUG, SOCKETS, UPS & KSEB EARTHING OF BRANCH				
II	TELEPHONE				

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III	NETWORKING				
	TOTAL AMOUNT				
	ADD GST 18%				-
	GRAND TOTAL				

PRICE BID FOR BANK OF BARODA AT AROOR BRANCH					
Schedule of items for Air Conditioning works					
(All rates to be quoted excluding GST)					
Sl. No	Description	Qty	Unit	Rate Excl. GST (Rs./unit)	Amount ( Rs. )
I					
A	<b>MACHINES</b>				
1	<p>Supply, Installation, testing commissioning (including transportation) of <b>inverter type</b> air conditioners comprising of outdoor unit with SCROLL/ROTARY Compressor, isolating valve, <b>copper condenser &amp; evaporator coils</b>, air cooled condenser fans, thermostatic control, safety cut-outs, vibration pads with single outdoor and Indoor unit with 3 row cooling coil, 20Micron filter including remote controller and ODU fins.</p> <p><b>Note:</b> The Hi-Wall Split Air Conditioners unit should be of 5 Star Rated and Cassette AC's should be of minimum 3 star rated in energy efficiency as per Bureau of Energy Efficiency (BEE)</p> <p><b>Cost should include standard length of 3m copper pipe.</b></p> <p>Approved Makes: <b>CARRIER, DAIKIN, BLUESTAR, MITSUBISHI, O'GENERAL, VOLTAS, LLOYD.</b> Make and Model Number to be specified in column given.</p> <p>Installation including all required accessories &amp; with One or more times pressure testing with nitrogen at company specified psig for each unit, leak testing, rectification, vaccumisation, gas charging, testing &amp; commissioning and balancing of each unit to satisfy that there are no leakages &amp; satisfactory operations. Rate including ceiling/wall mounted suspension Kit etc complete</p>				
a	1. 0 TR Hi-wall Split type AC unit (Make- ) (Model- )	1	Nos.	Supplied by bank	Supplied by bank
b	1.5 TR Hi-wall Split type AC unit (Make- ) (Model- )	0	Nos.		
c	2.0 TR Hi-wall Split type AC unit (Make- ) (Model- )	3	Nos.	Supplied by bank	Supplied by bank

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d	2.0 TR Cassette type AC unit (Make- ) (Model- )	0	Nos.		
e	3.0 TR Cassette type AC unit (Make- ) (Model- )	0	Nos.		
2	Supply and instllation of following stablizer - make- V Guard				
a	4kVA -MODEL VND 400	1	Nos.		
b	5kVA -MODEL VND 500	3	Nos.		
	<b>Total Cost of Machines (AC units+Stabiliser), A</b>				
	ADD GST 28%				
	<b>Sub Total</b>				
<b>B</b>					
2	<b>Refrigerant piping for units</b> - Supply, installation, testing & commissioning of suitable swg copper refrigerant piping for suction & return of suitable dia with complete fittings, elbow, bends, supporting arrangement (Make- Nissan, Merchant) MET tube, Totaline tube, pre pressure tested tube. The sizes given shall be verified by Supplier for adequacy and size based on manufacturer standards. <b>(Standard length of 3 m not to be considered).</b> Insulation - providing Nitrile rubber insulation 19mm thick class "O" closed cell fire retardant super Lan, Armaflex make <b>(Standard length of 3 m not to be considered).</b> The sizes given shall be verified by Supplier for adequacy and size based on manufacturer standards. Rate to include insulation cost.				
a	1.0 TR Hi-wall Split type AC unit	10	rmt		
b	1.5, 2 TR Hi-wall Split type AC unit	30	rmt		
c	2.0 TR Cassette type AC unit	0	rmt		
d	3.0 TR Cassette type AC unit	0	rmt		
3	<b>Drain piping</b>				
	SITC of CPVC drain piping insulated out of 6mm thick closed cell nitrile rubber class material of approved make as per specification complete with supports, consumables, fittings, pipe sleeves, U trap & leak arresting of following sizes. finished with clad or poly shield covering. Complete as directed by Architect/Bank. <b>Make- Finolex, Precision</b>				
a	1.0 TR Hi-wall Split type AC unit	10	rmt		
b	1.5,2 TR Hi-wall Split type AC unit	30	rmt		



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c	2.0 TR Cassette type AC unit	0	rmt		
d	3.0 TR Cassette type AC unit	0	rmt		
4	<b>Electrical Cable -</b> SITC of suitable electrical control cable of ISI Mark from Indoor to outdoor units for all the units. <b>(Standard length of 5 m supplied not to be considered). Make - Finolex, Polycab</b>				
a	1. 0 TR Hi-wall Split type AC unit	10	rmt		
b	1.5, 2 TR Hi-wall Split type AC unit	30	rmt		
c	2.0 TR Cassette type AC unit	0	rmt		
d	3.0 TR Cassette type AC unit	0	rmt		
5	<b>Supply and installation of MS powder coated stand for outdoor units</b>				
a	1. 0 TR Hi-wall Split type AC unit	1	No		
b	1.5TR, 2 TR Hi-wall Split type AC unit	3	No		
c	2.0 TR Cassette type AC unit	0	No		
d	3.0 TR Cassette type AC unit	0	No		
6	Rate for trenching of wall/ floor with covering the same with cement mortar 1:4 mix. In line level. Rate should be inclusive of making necessary holes including core cutting as required for taking out copper piping, electric cables upto the Outdoor AC Unit. Complete in all respects with finishing.	1	LS		
7	Supply and installation of timer unit for ATM AC	0	No		
8	Removal of existing cassette /split AC units including copper pipe, drain pipe and other related items at stage wise progress of work and stocking of serviceable material and disposal of unserviceable material from the site as directed by the bank official	0	No		
	<b>Total Cost of Low side works (Rs.) Excl. GST, B</b>				
	ADD GST 18%				
	<b>Sub Total</b>				
	<b>SITC of Units Total = (A + B )</b>				
	<b>SUMMARY</b>				