SCHEDULE FOR INTERIOR FURNISHING, ELECTRIFICATION & AIR CONDITIONING WORK FOR BANK OF BARODA, KONDOTTY BRANCH

GENERAL ABSTRACT

	GRAND TOTAL (Excluding GST)	Rs.
	b. Low side work	Rs.
	a. Machine side	Rs.
3	Air conditioning work	
2	Electrification work	Rs.
1	Interior furnishing work	Rs.

Signature(S) of Contractor(S)

SI. No.	Description	Unit	Qty.	Rate	Rate in words	Amount
1	Fully Glazed Partitions	M^2	8.00			
	Slim line partition of approved make :- Supply and installation of full height straight glass partition 12mm thick toughened glass and proprietary electroplated as approved colour with aluminium sections of the SLIM LINE TWIN STYLE TWIN PRO SECTION NO. 6633 (35mm x 25mm) and 6634 (35mm x 20mm) male and female sections providing inside with rubber gaskets in top & bottom. Over and above 210 cm height non glazed solid partition shall be made, as instructed (This shall be measured seperately in relevent item elsewhere). The glass joints shall be filled with silicon sealant on both side .Rate shall include for providing transport charges, handling, loading and unloading, Installation, protecting the module and glass till handing over, testing, commissioning all necessary hardware's, scafolding,wastage, Structural supports if any, etc. complete and all as per manufacturers specifications as directed. Etching stickers are to be provided as per design. The partition is to be firmly fixed to the floor and ceiling.					
	Material specification - GreenPro certfied products					
	Glass- Asahi India glass, Modiguard, Saint Gobain					
1a	Fully Glazed Door (Single Shutter)	M ²	7.00			
	Providing and fixing fully glazed door of 12 mm thick toughen glass with pencil polish edges alround with etching patterns and bevelled at edges. The door shall be fixed with DORMA patch fitting assembily inclusive of top and bottom patches, pivots, floor spring, bottom locks, SS brushed handle of 60 cm long and 2.5 cm dia. Lock of approved make etc to be fixed to the door, the edge of the glass to be polished					
	Material specification - GreenPro certfied products					
	Glass- Asahi India glass, Modiguard, Saint Gobain					
2	Counter partition	M^2	6.00			
	The partitions are made of 12 mm thick glass for a height of 75 cm above the solid partition as per the drawing. The bottom portion of the partition is of double skin type for a height of 105 cm. In the frame work verticals and horizontals are made of aluminium section of 50x50x1.2 mm thick of INDAL/JINDAL as internal frame structure placed horizontally & vertically in 60x60 cm					
	Frame work is covered with 9 mm thick marine grade plywood (IS 303) on both sides and finished with 1.0mm thick laminate of approved colour and make.					
	The partition is firmly fixed to the floor. Necessary wicket doors are to be provided as shown in the drawing .Necessary handles,hinges and tower bolts, auto lock and hydraulic door closer etc. are to be provided for the wicket door.					
	Material specification - GreenPro certfied products					

SI. No.	Description	Unit	Qty.	Rate	Rate in words	Amount
	plywood- Saras Plywood, Greentek plast Pvt Ltd., Vidya Ply & Board Pvt Ltd.					
	Glass- Asahi India glass, Modiguard, Saint Gobain					
3	Semi partitions Glazed on table top	M^2	2.00			
	Providing and Fixing 10 mm thick toughened glass with machine polished edges shall be fixed with necessary SS brush finish brackets support on wooden partition as per the drawing. Suitable slits to be provided for cash transfer and speech.					
	Material specification - GreenPro certfied products					
	Glass- Asahi India glass, Modiguard, Saint Gobain					
4	Double Skin Solid Partition	M^2	21.00			
	The partitions are of double skin type. The partition should be firmly fixed on floor/ counter/ wall made out of aluminium section of 50x50x1.2 mm thick of INDAL/JINDAL as internal frame structure placed horizontally & vertically in 60x60 cm interval as shown in the drawing which is covered with 9 mm thick marine grade plywood(IS 303) on both sides and finished with 1 mm thick laminate of approved colour and shade on both sides. The partition is to be firmly fixed to the floor and ceiling. The partition					
	up to false celing only be measured.					
	Material specification - GreenPro certfied products					
	plywood- Saras Plywood, Greentek plast Pvt Ltd., Vidya Ply & Board Pvt Ltd.					
5	Flush Door in Partitions (One Side Laminated and One Side Painted)	M^2	10.00			
	Providing and fixing 40 mm thick Flush Door using frame work made of 18 mm thick 303 Grade (BWR) Plywood, sandwiched with 6 mm thick 303 Grade (BWR) Plywood. The side facing the Banking Hall shall be finished with 1 mm thick Laminate of approved colour and make and the rear shall be finished with primer, putty and 2 coats of Enamel Paint. Vision Panel of 150 mm width shall be provided using 6 mm thick Plain Glass from 1'-0" upto 6'-0" of the door. The shutter shall be fixed to existing partition frame work using 4 no's of 4" long heavy duty SS hinges. The rates to include mortise lock with SS handle, hinges, stopper, etc.					
	Material specification - GreenPro certfied products					
	plywood- Saras Plywood, Greentek plast Pvt Ltd., Vidya Ply & Board Pvt Ltd.					

SI. No.	Description	Unit	Qty.	Rate	Rate in words	Amount
6	Fire Rated Cement Partition	M^2	15.00			
	The partitions are of double skin type. The partition should be firmly fixed on floor/ counter/ wall made out of GI rectangular section of 44.5x83.5x2.5 mm thick of internal frame structure placed horizontally & vertically in 60x60 cm interval as shown in the drawing which is covered with 6 mm thick fire rated cement board on both sides finished with 2 coat putty and 2 coats of plastic emulsion paint with roller brush of approved colour to match the interior over the approved primer					
	The partition is to be firmly fixed to the floor and ceiling. The partition up to false celing only be measured.					
6a	Partly Glazed Door	M^2	3.00			
	Door is to be provided with Aluminium frame of size 44.5x83.5x2.5 mm alround and intermediates at 60cmc/c and it is covered with 6 mm thick fire rated cement board on both sides and finished with 2 coat putty and 2 coats of plastic emulsion paint with roller brush of approved colour to match the interior over the approved primer .					
	A 8 mm thick glass is provided at a height of 75cm from bottom. Necessary Fittings such as 4Nos. 125 mm Anodised ball bearing hinges, 1No. godrej lock of approved make, 1 pair of stainless steel handle to each shutter, automatic hydraulic door closer etc. to be provided.					
	Material specification - GreenPro certfied products					
	plywood- Saras Plywood, Greentek plast Pvt Ltd., Vidya Ply & Board Pvt Ltd.					
	Glass- Asahi India glass, Modiguard, Saint Gobain					
7	Aluminium Partition	M^2	12.00			
	Supplying and erecting partition from floor with 12mm thick interior grade melamine faced both sides prelaminated particle board of approved shade and manufacturer as per drawing & direction in aluminium frame work powder coated with approved colour consisting of rectangular section of size approx. 83.5x44.5x2.5mm, glazing clip section no 4660 of Jindal / Hindalco etc .The colour of aluminium sections shall be as directed by the Engineer in charge.(For strong room). Partition up to false ceiling only be measured					

SI. No.	Description	Unit	Qty.	Rate	Rate in words	Amount
7a	Aluminium Door	M ²	3.00			
	Providing and fixing in position Aluminium door shutter with 12mm thick interior grade melamine faced both faces prelaminated particle board of approved shade and manufacturer in aluminium frame work consisting of rectangular section of size 44.5x83.5x2.5mm at top, bottom rail, lock rail and at style 44.5x83.5x2.5mm glazing clip section no 4660 of jindal etc powder coated with approved colour.					
	The rates to includes hinges lock with powder coated aluminium handle, stopper,SS tower bolt and Hinges, Hydraulic door closure & SS finish door mount door stopper with rubber bush and vision panel of 8mm thick glass wherever necessry etc. complete as per our detailed drawing (for strong room ,ups room). Aluminium louvers to be provided in UPS door					
8	Column panelling	M^2	19.00			
	The frame work of panelling should be of aluminum rectangular section of size 50 mm x 25 mm x 1.5 mm both horizontaly and vertically at 60 cm c/c. which is covered with 12 mm thick marine plywood finished with 1 mm thick laminate (shade and colour as per the drawing). Necessary grovees are to be provided as per the drawing.					
	Material specification - GreenPro certfied products					
	plywood- Saras Plywood, Greentek plast Pvt Ltd., Vidya Ply & Board Pvt Ltd.					
9	False Ceiling (Plain Gypsum Board)	M^2	100.00			
	Providing and fixing suspended false ceiling, which includes providing and fixing G.I perimeter channels of size 27mm, 0.5mm thick having one flange of 20mm and another flange of 30mm along with perimeter of ceiling, screw fixed to brick wall / partition with the help of nylon rawl plugs and screws.					
	Then suspending G.I intermediate channels of size 45mm, 0.9mm thick with two flanges of 15mm each from the soffit at 1200mm centres in one direction and 600mm in other with ceiling angle of width 25x25x0.5mm thick fixed to soffit with G.I cleat & steel expansion fastners.					
	Ceiling section of 0.5mm thickness having knurled wedge of 51.5mm and flanges of 26mm each with lips of 10.5mm are then fixed to intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel at 600mm centres.12.5mm tappered edge Moisture resistant gipboard is then screw fixed to ceiling sections with 25mm dry wall screw at 230mm centres.					

SI. No.	Description	Unit	Qty.	Rate	Rate in words	Amount
	Screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment. Finally the tapered and square edges of the boards are jointed and finished to a flush with requisite jointing compound, tapes and finished with 2 coat putty and 2 coats of plastic emulsion paint with roller brush of approved colour to match the interior over the approved primer					
	Necessary steppings and cuttings for electrical fittings, security devices, fire fighting equipments etc. as per the directions at site and arrangements for fixing the electrical and other fittings are to be provided. (Refer ceiling plan).					
	Material specification					
	Saint -Gobain -Gyproc Business, Anutone Acoustics limited, Amstrong world industries					
10	Writing ledge/Cheque drop bocx/Suggestion box Size 170x50x110 cm)	No	1.00			
	Providing & fixing Cheque writing table made up of 19 mm thick plywood for framework. The table top shallbe of 10 mm thick plain glass with edge polish. The table shall have provisions for keeping the Bank vouchers and forms seperated with 12 mm thick plywood dividers(verticals). Suggestion box and cheque drop box with shutters are made of 19 mm plywood with laminate finish(shade & colour as per the drawing). Cost including of providing the table with wooden frame work on the side and on the top of the writing desk as shown in the detailed drawing. All as per drawing and /or instructions of the Architects.					
	Material specification - GreenPro certfied products					
	Saint -Gobain -Gyproc Business, Anutone Acoustics limited, Amstrong world industries					
11	Notice board	No	1.00			
	Providing and fixing notice board of size 90x60x10 cm made of 12 mm thick marine plywood back, 19 mm marine plywood sides, 6 mm thick glass front with locking arrangements. Providing Surge cloth, internal painting and finshing with 1 mm thick laminate (shade and colour as per the instruction by the Architect) etc complete.					
	Material specification - GreenPro certfied products					
	plywood- Saras Plywood, Greentek plast Pvt Ltd., Vidya Ply & Board Pvt Ltd.					
12	Providing and fixing Vertical Blinds of Vista / Phifer or any approved equivalent make and approved Colour.	M^2	27.00			
13	Finishing plastered wall with one coat primer, 2 coat of putty and painted with 2 coat of plastic emulsion paint after cleaning the surface.		110.00			

SI. No.	Description	Unit	Qty.	Rate	Rate in words	Amount
14	Painting the walls with two coat plastic emulsion paint after cleaning the surface etc complete.	M^2	225.00			
15	Painting with synthetic enamel paint 2 coat over a priming coat to new wood work and iron work after cleaning the surface.	M^2	60.00			
16	Dismantling existing False ceiling,partitions,counters/ ac ducting tables after stage wise progress of work and stocking of serviceable material and disposal of unserviceable material from the site as directed by the bank official. Making necessary arrangement for the branch to function smoothly during the progress of renovation work that includes rearrangement of existing set up as required by branch from time to time.					
	TOTAL					
	Add GST @ 18 %					
	GRAND TOTAL					

Item	Particulars.	Unit	Qty.	Rate.	Rate in words	Amount
I	ELECTRIFICATION - GENERAL					
1.1	Metering Panel					
	Supply installation testing and commissioning of dust and vermine proof wall mounted cubicle type metering board fabricated out of 16 SWG CRS and powder coated with provision for 3phase CT Type energy meter and CT's cut outs with door with glass window for energy meter including supply and installation of 63 A HRC fuse base with suitable fuse - 3 nos. and neutral link,63 A TPN isolator - 1 No. Panel should confirm to the KSEB and Electrical Inspectorate standards.	No.	RO			
1.2	MCCB DB					
	Supply erection testing and commissioning of wall mounted type double door dust and vermine proof 4 way MCCB DB concealed on wall comprising the following,					
	Incomer -: Supply and Installation of 100A 4P MCCB with 25KA breaking capacity- 1 No Outgoings a)S & I of 63A TP MCB- 1 No for VDB b)S & I of 32A TP MCB- 2 Nos (for ATM Main DB and one Spare) c) 32A SP MCB-3 NOS(1 no for UPS DB and one no for Board Light and One for Inverter DB)	1	No			
1.3	MCB VDB					
	Supply erection testing and commissioning of wall mounted type double door dust and vermine proof 4 way MCB VDB concealed on wall comprising the following incomer 100mA,63 A, 4 Pole RCBO incomer and 32 A TP MCB – 1 No for LDB . and 25-32A MCB - 9Nos. out goings for AC and Power Plug	No.	1			
	Incomer -: 63A 4P 100mA RCBO	No.	1			
	Outgoings -: 32A TP MCB	No.	1			
	6-32A SP MCB	No.	9			
2	D.B. FOR LIGHTING, UPS, A/C etc.					
2.1	Supply erection testing and commissioning of wall mounted type double door dust and vermine proof 3 Phase 4 way TPN MCB DB concealed on wall comprising the following		1			
	Incomer -: 32A 4P 30mA RCBO	Nos.	1			
	Outgoings -: 6-32A SP MCB	Nos.	12			
2.2	Supply erection testing and commissioning of wall mounted type double door dust and vermine proof 12 way SPN MCB DB concealed on wall comprising the following (All MCB'S are 10 KA) - UPS Branch		1			
	Incomer -: 32A 2P 100mA high immunity RCBO	Nos.	1			

Outgoings :: 6-32A SP MCB Supply erection testing and commissioning of wall mounted type double door dust and vermine proof 8 way SPN MCB DB concealed on wall comprising the following (All MCBS are 10 KA)(For INVERTER) Incomer -: 32A 2P 30mA RCBO Nos. 1 Outgoings -: 6-32A SP MCB Nos. 6 2.4 Supply and installation of 40 A 4P phase selector switch with out OFF with metal enclosure (for UPS). 2.5 Supply and installation of 20A Timer unit for Signage board (L & Tr No. 1 SIEMENS/ SCHNEIDER) 2.6 Supply and installation of Indication lamp in an enclosure (No. 1 Warning light for raw power connection (at the entrance) 3 CABLE LAYING AND TERMINATIONS. A armoured US cable with aluminium conductor concealed or on wall roelling /farch/cable rack, with clamps etc including back filling of trenches if necessary. 3.1 3.5 core 35 sq.mm Mtrs. 50 3.4 core 10 sq.mm Mrs. 50 B B rounded armoured double with copper cable for three phase in put to UPS including termination 3.4 Sq. sq. mm PVC insulated copper cable for three phase in put to UPS including termination 3.5 Sq. sq. mm 2 core PVC insulated armoured copper cable for UPS warm 2 core PVC insulated armoured cable with copper conductor concealed or on wall foelling increassary. 3.6 Sq. sq. mm 2 core PVC insulated armoured copper cable for UPS Mrs. 40 UPS/INV. out put to up s DB's earthing including termination. 4 Sq. sq. mm 2 core PVC insulated armoured copper cable for UPS earthing including termination. 5 Sq. sq. mm 2 core PVC insulated armoured copper cable for UPS earthing including termination. 6 Sq. mm 2 core PVC insulated FRLSH stranded copper wire for indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 2	Item	Particulars.	Unit	Qty.	Rate.	Rate in words	Amount
double door dust and vermine proof 8 way SPN MCB DB No. 1 2.3 KAJ(For INVERTER) Incomer-32A 2P 30mA RCBO Nos. 1 Incomer-32A 2P 30mA RCBO Nos. 6 Nos. 1 Nos. 2 UPS). 2.5 Supply and installation of 40 A DP MCB with metal enclosure (For UPS). 2.6 Supply and Installation of 20A Timer unit for Signage board (L & T7 Nos. 1 Nos. 1 Nos. 1 Nos. 2 Nos. 2 Nos. 2 Nos. 2 Nos. 2 Nos. 3 Nos. 4 Nos. 1 Nos. 1 Nos. 1 Nos. 1 Nos. 1 Nos. 2 Nos. 3 Nos. 4 No		Outgoings -: 6-32A SP MCB	Nos.	10			
Outgoings -: 6-32A SP MCB 2.4 Supply and installation of 40 A 4P phase selector switch with out OFF with metal enclosure (for UPS). 2.5 Supply and installation of 40 A DP MCB with metal enclosure (For UPS). 2.6 Supply and Installation of 20A Timer unit for Signage board (L & T/ No. 2 SIEMENS/ SCHNEIDER) 2.7 Supply and Installation of Indication lamp in an enclosure (No. 1 SIEMENS/ SCHNEIDER) 3. CABLE LAYING AND TERMINATIONS. Supply laying and dressing of 1.1 KV grade PVC insulated armoured UC cable with aluminium conductor concealed or on wall rocelling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.1 3.5 core 35 sq.mm	2.3	double door dust and vermine proof 8 way SPN MCB DB concealed on wall comprising the following (All MCB'S are 10	No	1			
2.4 Supply and installation of 40 A 4P phase selector switch with out OFF with metal enclosure (for UPS). 2.5 Supply and installation of 40 A DP MCB with metal enclosure (For UPS). 2.6 Supply and Installation of 20A Timer unit for Signage board (L & T/ No. 1 SIEMENS/ SCHNEIDER) 2.7 Supply and Installation of Indication lamp in an enclosure (Warning light for raw power connection (at the entrance) 3 CABLE LAYING AND TERMINATIONS. Supply laying and dressing of 1.1 KV grade PVC insulated armoured UG cable with aluminium conductor concealed or on wall (ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.1 3.5 core 35 sq.mm		Incomer -: 32A 2P 30mA RCBO	Nos.	1			
2.4 OFF with metal enclosure (for UPS): Supply and installation of 40 A DP MCB with metal enclosure (For UPS). Supply and Installation of 20A Timer unit for Signage board (L & T/ No. 1 SIEMENS) SCHNEIDER) 2.7 Supply and Installation of Indication lamp in an enclosure (Warning light for raw power connection (at the entrance) 3 CABLE LAYING AND TERMINATIONS. Supply laying and dressing of 1.1 KV grade PVC insulated armoured UG cable with aluminium conductor concealed or on wall (ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.1 3.5 core 35 sq.mm		Outgoings -: 6-32A SP MCB	Nos.	6			
UPS). UPS). No. 2 Supply and Installation of 20A Timer unit for Signage board (L & T/ No. 1 SIEMENS/ SCHNEIDER) Supply and Installation of Indication lamp in an enclosure (Warning light for raw power connection (at the entrance) CABLE LAYING AND TERMINATIONS. Supply laying and dressing of 1.1 KV grade PVC insulated armoured UG cable with aluminium conductor concealed or on wall celling /trenchicable rack, with clamps etc including back filling of trenches if necessary. A core 16 sq.mm Mtrs. 50 3.2 4 core 16 sq.mm Mtrs. 50 3.3 4 core 10 sq.mm Mtrs. 20 Supply laying and dressing of 1.1 KV grade PVC insulated armoured cable with copper conductor concealed or on wall /ceiling /trenchicable rack, with clamps etc including back filling of trenches if necessary. A spupply laying and dressing of 1.1 KV grade PVC insulated armoured cable with copper conductor concealed or on wall /ceiling /trenchicable rack, with clamps etc including back filling of trenches if necessary. A s s qmm PVC insulated copper cable for three phase in put to UPS including termination A s s qmm 2 core PVC insulated armoured copper cable from UPS including termination. A s sq mm 2 core PVC insulated armoured copper cable for UPS earthing including termination. 1.5 sq mm 2 core PVC insulated FRLSH stranded copper wire for Indication lamp connection End termination of the above cables using single compression type cable splands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4. 1 3.5 core 35 sq.mm Nos. 2	2.4		No.	1			
SIEMENS/ SCHNEIDER) 2.7 Supply and Installation of Indication lamp in an enclosure Warning light for raw power connection (at the entrance) 3 CABLE LAYING AND TERMINATIONS. Supply laying and dressing of 1.1 KV grade PVC insulated armoured UG cable with aluminium conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.1 3.5 core 35 sq.mm Mtrs. 50 3.2 4 core 16 sq.mm Mtrs. 50 3.3 4 core 10 sq.mm Mtrs. 30 3.4 2 core 10 sq.mm Mtrs. 20 Supply laying and dressing of 1.1 KV grade PVC insulated armoured cable with copper conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.3 4 x 6 sq mm PVC insulated copper cable for three phase in put to UPS including termination 3.4 0 sq mm 2 core PVC insulated armoured copper cable from UPS/INV. out put to ups DB's 3.5 6 sq mm 2 core PVC insulated armoured copper cable for UPS earthing including termination. 3.6 1.5 sq mm 2 core PVC insulated FRLSH stranded copper wire for Indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 4	2.5		No.	2			
A CABLE LAYING AND TERMINATIONS. Supply laying and dressing of 1.1 KV grade PVC insulated armoured UG cable with aluminium conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.1 3.5 core 35 sq.mm	2.6	• • • • • • • • • • • • • • • • • • • •	No.	1			
Supply laying and dressing of 1.1 KV grade PVC insulated armoured UG cable with aluminium conductor concealed or on wall /celling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.1 3.5 core 35 sq.mm Mtrs. 50 3.2 4 core 16 sq.mm Mtrs. 50 3.3 4 core 10 sq.mm Mtrs. 30 3.4 2 core 10 sq.mm Supply laying and dressing of 1.1 KV grade PVC insulated armoured cable with copper conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.3 4 x 6 sq mm PVC insulated copper cable for three phase in put to UPS including termination 3.4 6 sq mm PVC insulated armoured copper cable from UPS including termination. 3.5 6 sq mm 2 core PVC insulated armoured copper cable for UPS earthing including termination. 3.6 1.5 sq mm 2 core PVC insulated FRLSH stranded copper wire for Indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. Nos. 2 4. 2 d core 16 sq.mm Nos. 4	2.7		No.	1			
armoured UG cable with aluminium conductor concealed or on wall /ceilling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.1 3.5 core 35 sq.mm	3	CABLE LAYING AND TERMINATIONS.					
3.2 4 core 16 sq.mm Mtrs. 50 3.3 4 core 10 sq.mm Mtrs. 30 3.4 2 core 10 sq.mm Mtrs. 20 Supply laying and dressing of 1.1 KV grade PVC insulated armoured cable with copper conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.3 4 x 6 sq mm PVC insulated copper cable for three phase in put to UPS including termination 3.4 UPS/INV. out put to ups DB's 3.5 earthing including termination. 3.6 1.5 sq mm 2 core PVC insulated armoured copper cable for UPS earthing including termination. 3.6 1.5 sq mm 2 core PVC insulated FRLSH stranded copper wire for Indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 4	Α	armoured UG cable with aluminium conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of					
3.3 4 core 10 sq.mm 3.4 2 core 10 sq.mm Supply laying and dressing of 1.1 KV grade PVC insulated armoured cable with copper conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.3 4 x 6 sq mm PVC insulated copper cable for three phase in put to UPS including termination 3.4 0 Sq mm 2 core PVC insulated armoured copper cable from Mtrs. 3.5 6 sq mm 2 core PVC insulated armoured copper cable for UPS earthing including termination. 3.6 1.5 sq mm 2 core PV C insulated FRLSH stranded copper wire for Indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 4	3.1	3.5 core 35 sq.mm	Mtrs.	50			
3.4 2 core 10 sq.mm	3.2	4 core 16 sq.mm	Mtrs.	50			
Supply laying and dressing of 1.1 KV grade PVC insulated armoured cable with copper conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.3 4 x 6 sq mm PVC insulated copper cable for three phase in put to UPS including termination 3.4 6 sq mm 2 core PVC insulated armoured copper cable from UPS/INV. out put to ups DB's 3.5 6 sq mm 2 core PVC insulated armoured copper cable for UPS earthing including termination 3.6 1.5 sq mm 2 core P V C insulated FRLSH stranded copper wire for Indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2	3.3	4 core 10 sq.mm	Mtrs.	30			
armoured cable with copper conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of trenches if necessary. 3.3 4 x 6 sq mm PVC insulated copper cable for three phase in put to UPS including termination 3.4 6 sq mm 2 core PVC insulated armoured copper cable from UPS/INV. out put to ups DB's 3.5 6 sq mm 2 core PVC insulated armoured copper cable for UPS earthing including termination 3.6 1.5 sq mm 2 core P V C insulated FRLSH stranded copper wire for Indication lamp connection 4 type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 4	3.4	2 core 10 sq.mm	Mtrs.	20			
UPS including termination 3.4 6 sq mm 2 core PVC insulated armoured copper cable from UPS/INV. out put to ups DB's 3.5 6 sq mm 2 core PVC insulated armoured copper cable for UPS earthing including termination 3.6 1.5 sq mm 2 core P V C insulated FRLSH stranded copper wire for Indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 4	В	armoured cable with copper conductor concealed or on wall /ceiling /trench/cable rack, with clamps etc including back filling of trenches					
UPS/INV. out put to ups DB's 6 sq mm 2 core PVC insulated armoured copper cable for UPS earthing including termination 1.5 sq mm 2 core P V C insulated FRLSH stranded copper wire for Indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 4	3.3	· · · · · · · · · · · · · · · · · · ·	Mtrs.	10			
arthing including termination 1.5 sq mm 2 core P V C insulated FRLSH stranded copper wire for Indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 4	3.4		Mtrs.	40			
for Indication lamp connection End termination of the above cables using single compression type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 4	3.5	·	Mtrs.	20			
4 type cable glands and heavy duty aluminium / tinned copper crimping type cable sockets including cable earthing. 4.1 3.5 core 35 sq.mm Nos. 2 4.2 4 core 16 sq.mm Nos. 4	3.6	·	Mtrs.	60			
4.2 4 core 16 sq.mm Nos. 4	4	type cable glands and heavy duty aluminium / tinned copper					
	4.1	3.5 core 35 sq.mm	Nos.	2			
4.3 4 core 10 sq.mm Nos. 2	4.2	4 core 16 sq.mm	Nos.	4			
	4.3	4 core 10 sq.mm	Nos.	2			

Item	Particulars.	Unit	Qty.	Rate.	Rate in words	Amount
4.4	2 core 10 sq mm	Nos.	2			
5	Supply and laying following earth strips / wires					
5.1	Bare 8 SWG copper conductor	Mtrs.	240			
6	EARTHING					
6.1	Supply and providing ISI pipe earthing as per IS 3043 with 3 M long 40mm dia. B class GI pipe, providing GI funnel with wire mesh at top, providing GI clamp at the top of the GI pipe test joint, filling arround the GI pipe at a radius of 15 cm with homogeneous mixture of charcoal, common salt & river sand up to a height of 2.5 m from the bottom and the rest of the portion with excavated soil, providing brick work masonaries, plastering, fixing cast iron covering etc. complete.	Nos.	2			
6.2	Supply erection testing and commissioning of 600 X 600 X 3 mm copper plate burried in ground at a deapth of 3 mtr with earthing grade bentonite having conductivity and moisture retaining properties of approved grade including supplying and fixing of 20 mm dia 3 mtr long perferrated pipe with funnel for watering, construction of inspection chamber by masonary work to accomodate 460x460mmCI heavy duty hinged cover etc as per IS: 3043 and including all civil works, for UPS earthing.	No.	2			
7	WIRING FOR LIGHT, FAN, PLUG SOCKETS etc.					
7.0	Supply all materials and wiring through wall floor etc, concealed/surface as per colour code with 1.5sq mm P V C insulated FRLSH stranded copper wire for the points and 1.5 sq mm P.V.C.insulated green colour FRLSH stranded copper wire as continous earth for points, with independent earth wire for each circuit, through ISI grade 20 / 25 mm PVC conduit, including all accessories as per IS 9537 part II including circuit wiring using 2.5 sq mm PVC insulated FRLSH stranded copper wire with all materials and installation of factory made MS boxes, 2 plate model modular switches and three plate ceiling rose / connectors etc of approved make for light/ exhaust fan/ calling bell etc .Number of cables in conduit should be limitted to the IS standards and as per the conditions laid down in the tender.check nuts should be provided in the PVC conduits in switch boxes, DB etc.PVC bush to be provided in the MSconduits in switch boxes / DB to protect the insulation. The rate includes circuit wiring and no cost is allowed for additional length of circuit wiring. The cost includes chipping the floor/wall etc and replastering etc, if required.					
7.1	Same as item no 7 above but for 1 lights controlled by one switch	Nos.	31			
7.2	Same as item no 1 above but for 2 lights controlled by one switch	Nos.	9			
7.3	Same as item no 1 above but for 3 lights controlled by one switch	Nos.	4			

Item	Particulars.	Unit	Qty.	Rate.	Rate in words	Amount
7.4	Same as item no 7 above but for 6 A 3 pin plug points in switch boxes with indicator.	Nos.	8			
7.5	Same as item no 7 above but for 6 A 3 pin plug points at separate location switch boxes with indicator.	Nos.	2			
7.6	Same as item no 7 above but for 6 A 3 pin plug points for wall fan point	Nos.	5			
7.7	Same as item no 7 above but for Cabin fan point consisting of 6A socket near fan and switch on light switch board	Nos.	2			
7.8	Supply all materials and wiring through wall/floor/recessed/surface as per colour code with 3 runs of 1.5 sqmm PVC insulated FRLSH stranded copper wire for phase neutral and green colour for earth through ISI marked 20 mm PVC conduit from DB for computer power station, including supply and installation of raw power 1 no 6A socket and 1no 6 A switch on work station including chipping the floor plastering etc if necessary.No of cables in one conduit should be limitted as per standards and PVC bushings to be provided in the metal conduits in switch boxes / DB. The rate is for complete length from DB and no claim for additional length	Nos.	13			
7.9	Same as item no 7 above but for ceiling fan points including supply and installation of stepped type Electronic fan regulator 100 watts of approved make in suitable MS box	Nos.	3			
7.10	Same as item no 7 above but for bell points in suitable MS box	Nos.	1			
7.11	Same as item no 7 above but for exhaust fan point	Nos.	3			
7.12	Supply all materials and wiring through wall / floor etc. recessed/suface as per colour code with 3 runs of 1.1 KV grade 2.5 sqmm PVC insulated FRLSH copper wire for phase neutral and green colour for earth through ISI marked 20 mm PVC conduit with all accessories and supply and installation of 2 plate modular 16/6 A plug with switch and indicator. Including the cost of chipping replastering etc if required. The rate includes the cost of complete wiring from DB to the point.	Nos.	4			
7.13	Supply all materials and wiring through wall / floor etc. recessed/suface as per colour code with 3 runs of 1.1 KV grade 2.5 sqmm PVC insulated FRLSH copper wire for phase neutral and green colour for earth through ISI marked 20 mm PVC conduit with all accessories and supply and installation of 2 plate modular 16/6 A plug with switch and indicator. Including the cost of chipping replastering etc if required. The rate includes the cost of complete wiring from DB to the point. (one for inverter input and other one for inverter out put)	Nos.	2			

Item	Particulars.	Unit	Qty.	Rate.	Rate in words	Amount
7.14	Supply all materials and wiring as per colour code with 3 runs of 1.1 KV grade 4 sqmm PVC insulated FRLSH copper wire for phase neutral and green colour for earth through ISI marked 20 mm PVC conduit with all accessories and supply and installation of 25 A 2 plate modular socket near AC unit and 25A switch near table for A/C units. The rate should be quoted considering the average length required for wiring from D.B No claim for additional wiring.	Nos.	7			
7.15	Supply all materials and wiring through wall floor etc, concealed/surface as per colour code with 3Rx2.5sq mm P V C insulated FRLSH stranded copper wire for BOARD LIGHT, through ISI grade 20 / 25 mm PVC conduit, including all accessories.		1			
7.16	Supply all materials and wiring through wall floor etc, concealed/surface as per colour code with 3Rx1.5sq mm P V C insulated FRLSH stranded copper wire for LOLIPOP LIGHT, through ISI grade 20 / 25 mm PVC conduit, including all accessories.	Nos.	1			
7.17	Dismantling all Existing Light fittings, fan fitting, switches and sockets, wiring including conduits, DBs, cables from existing branch and carried in to required position as required etc. complete. (if required)		1			
8	WIRING FOR COMPUTER POWER STATIONS.					
8.1	Supply all materials and wiring through wall/floor/recessed/surface as per colour code with 3 runs of 2.5 sqmm PVC insulated FRLSH stranded copper wire for phase neutral and green colour for earth through ISI marked 20 mm PVC conduit from DB for computer power station, including supply and installation of 3 Nos. 6A 3 pin plug socket with 1no. 16A switch with indicator (2 plate modular type) in metal boxes.(3 stations in one ckt) including chipping the floor plastering etc if necessary.No of cables in one conduit should be limitted as per standards and PVC bushings to be provided in the metal conduits in switch boxes / DB. The rate is for complete length from DB and no claim for additional length	Nos.	14			
	SUB TOTAL					
9	SUPPLY AND INSTALLATION OF LIGHT FITTINGS, CEILING FAN .EXHAUST FAN ETC.					
	Supply installation giving electrical connection testing and commissioning of the following light fittings including the cost of materials for fitting connection through 20 mm flexible metal conduit. The light fittings should be the approved make and approved model as per the list attached.					

Item	Particulars.	Unit	Qty.	Rate.	Rate in words	Amount
9.1	Supply of surface 2x2 fixture LED diffused fixture made of powder coated sheet metal having earth terminal, along with driver. System lumen output shall be greater than or equal to 3700 lumens, power factor >0.9, and THD<10%. Rated life of L7O @ 50,000 hours, CCT 6500K, with a CRI greater than or equal to 80, including all necessary accessories as required for the light fixture. The system power shall not exceed 40W.Relevant document like LM 79 should submit along with the tender documents. WIPRO/PHILLIPS MAKE.					
	Supply	Nos.	9			
	Installation	Nos.	9			
9.2	Single tube ceiling type fittings with 1X 21 W LED Batten lights (Philips) on ceiling / wall with all accessories.					
	Supply	Nos.	14			
	Installation	Nos.	14			
9.3	Supply of surface mounted diffused down light luminaire made of diecast aluminum, along with driver, with System lumen output shall be greater than or equal to 1200 lumens, power factor >0.95, THD, 10% rated life of L7O @ 50,000 hours, CCT 6500K,with a CRI greater than or equal to 80, including all necessary accessories as required for the light fixture. The system power shall not exceed 12W.Relevant document like LM 79 should submit along with the tender documents. WIPRO/PHILLIPS MAKE					
	Supply	Nos.	25			
	Installation	Nos.	25			
9.4	Supply at site and installation of 1200 mm ceiling fan of approved make with all accessories . Installation includes the cost of materials for fitting, giving electric connection, fitting hooks whereever necessary etc.					
	Supply	Nos.	3			
	Installation	Nos.	3			
9.5	Supply at site and installation of 9 inch Fresh Air fan with louvers of approved make with all accessories. Installation includes the cost of materials for fitting, giving electric connection, and all necessary civl works. (For toilets)					
	Supply	Nos.	2			
	Installation	Nos.	2			
9.5	Supply at site and installation of 12 inch Fresh Air fan with louvers of approved make with all accessories. Installation includes the cost of materials for fitting, giving electric connection, and all necessary civl works. (For UPS)					

Item	Particulars.	Unit	Qty.	Rate.	Rate in words	Amount
	Supply	Nos.	1			
	Installation	Nos.	1			
9.6	Supply at site and installation of wall bracket with 9 watts LED lights.					
	Supply	Nos.	2			
	Installation	Nos.	2			
9.7	Supply at site and installation of wall fan of approved make with all accessories. Installation includes the cost of materials for fitting, giving electric connection, and all necessary civl works.CROMPTON HIFLO MAKE					
	Supply	Nos.	5			
	Installation	Nos.	5			
10	CABIN FAN -Supply, Installation, testing and commissioning of 300 mm diameter Cabin fans- at strong room (Crompton)					
	Supply	Nos.	2			
	Installation	Nos.	2			
II	DATA CONDUIT					
1	Supply and laying of ISI marked 25mm PVC conduit with accessories on floor/wall/partitions/recessed surface with metal box and lead wire for computer cabling		250			
2	Supply and laying CAT6 UTP cable for Data cabling through existing 25mm PVC conduit with accessories on floor/wall/partitions/recessed surface with metal box and lead wire for computer cabling	Mtre	450			
3	Supply and installation of KJACK RJ45 information outlet	Nos.	14			
III	TELEPHONE					
1	Supply all materials and wiring using 2 pair telephone cable 0.5 sq.mm in 20 mm PVC conduit through wall/partitions/ floor/recessed/ surface from the exchange including the cost of telephone jack RJ11 (modular 2 plate type) mounted in metal boxes including chipping the floor plastering etc if necessary.one separate cable for each point.No of cables in one conduit limitted to three.The rate is for aveage length and no cost is allowed for additional length.	Nos.	8			
2	Supply and installation of KRONE connector telephone junction box of 10 pair	No.	1			
3	Supply and laying 10 pair (0.5 mm) telephone cable including supply and laying 20 mm PVC conduit with all accessories	Mtrs.	10			
	SUB TOTAL					

Item	Particulars.	Unit	Qty.	Rate.	Rate in words	Amount
IV	DEPARTMENT LAISON WORK					
	Submission of necessary papers,drawings etc including for the entire existing installations to KSEB/Electrical Inspectorate and getting energised. All laison work included with incidental expences. Necessary fees remitted against receipt will be re imbursed.	е	L.S.			
	SUB TOTAL					
	TOTAL					
	Add GST 18%	·				
	GRAND TOTAL					

	SCHEDULE FOR AIR-CONDITIONING WORK AT BANK OF BARODA - KONDOTTY BRANCH						
SL.NO	DESCRIPTION	QTY	UNIT	RATE	RATE IN WORDS	AMOUNT	
Α	MACHINE SIDE						
1	HIGHWALL SPLIT UNITS (5 Star - Inverter type)						
	Supply of Air Cooled Split type Air Conditioners comprising High wall split Indoor Units ,R32 Gas, Outdoor Condensing unit (with copper coil) , isolating valves, thermostatic control, safety cutouts, Power connections, Operating on 230Volts / 50 Hz, Single Phase Supply , vibration isolation pads and Cordless remote control.						
	MAKE - BLUESTAR/DAIKIN/MISTUBHUSHI						
1.1	2.0 TR Split Units	3	NOS				
1.2	1.5 TR Split Units	1	NOS	To be supplied by Bank			
1.3	1.0 TR Split Units	1	NOS				
	Total						
	Add GST @ 28%						
	Total value for Machine side (with GST) -A						
В	LOW SIDE WORKS						
2	HIGHWALL SPLIT UNITS (5 Star - Inverter type)						
	Installation Testing & commissioning of Air Cooled Split type Air Conditioners comprising High wall split Indoor Units ,R32 Gas, Outdoor Condensing unit (with copper coil) , isolating valves, thermostatic control, safety cutouts, Power connections, Operating on 230Volts / 50 Hz, Single Phase Supply , vibration isolation pads and Cordless remote control.						
2.1	2.0 TR Split Units	3	NOS				
2.2	1.5 TR Split Units	1	NOS				
2.3	1.0 TR Split Units	1	NOS				
3	REFRIGERANT PIPING						
	Supply Installation and Commissioning of hard/soft copper Refrigerant piping, complete with fittings, elbows, bends, supporting arrangement on walls (RMT:Suction & Discharge)						
3.3	1 TR, 1.5 TR, 2.0 TR Split Units	45	RMT				
4	STABILIZER						
	Supply and installation of Voltage stabilizer for split units. make- V Guard						
4.1	4 KVA	1	NOS				

SCHEDULE FOR AIR-CONDITIONING WORK AT BANK OF BARODA - KONDOTTY BRANCH							
SL.NO	DESCRIPTION	QTY	UNIT	RATE	RATE IN WORDS	AMOUNT	
4.2	5 KVA	4	NOS				
5	CONTROL CABLING						
5.1	Supply & Installation of 2 Core PVC Insulated flexible control cable with saddles / supportes and PVC conduits to connect outdoor unit with Indoor unit	40	RMT				
6	POWER CABLING						
6.1	Supply & Installation of power cable to connect outdoor unit to isolator	45	RMT				
7	DRAIN LINE						
7.1	Supply & Installation of insulated PVC drain pipe of 25mm dia	55	RMT				
8	OUTDOOR STAND						
8.2	Supply & Installation of wall mounted support for ODU of split AC	5	NOS				
	TOTAL						
	Add GST @ 18%						
	Total value for Low side work (with GST) - B						
	GRAND TOTAL (A+B)						

(Signature(s) of the Contractors(s)