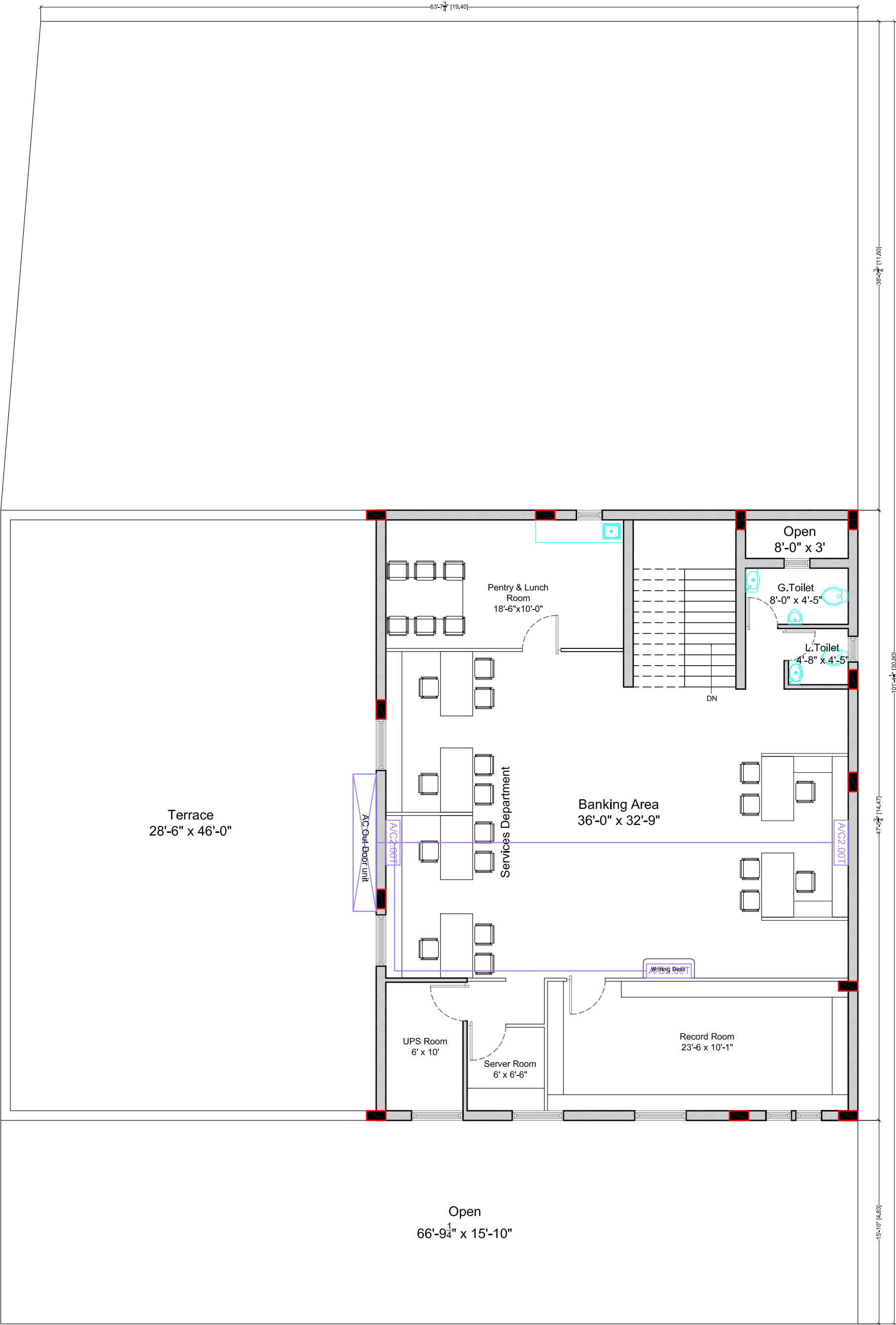


**BILLS OF QUANTITIES FOR AIR CONDITIONING WORK OF STATE BANK OF INDIA,
AT BAGASARA,AMRELI BRANCH**

S.NO.	ITEM DESCRIPTION	QUANTITY	UNIT
<u>PART- I : AC MACHINE</u>			
1	Supply of 1.0 TR Hiwall split unit Hitachi/Carrier/ Daikin/ Toshiba Make (No Hitachi Logicoool Series, No Midea Series) (Inverter,3 STAR, BEE rating wef 1-1-18). Machine shall have copper condensor Unit [For Banking Hall]R-410A & R32 Refrigerent Only.	1	No
2	Supply of 1.5 TR Hiwall split unit Hitachi/Carrier/ Daikin/ Toshiba Make (No Hitachi Logicoool Series, No Midea Series) (Inverter,3 STAR, BEE rating wef 1-1-18). Machine shall have copper condensor Unit [For Banking Hall]R-410A & R32 Refrigerent Only.	2	No
3	Supply of 2.0 TR Hiwall split unit Hitachi/Carrier/ Daikin/ Toshiba Make (No Hitachi Logicoool Series, No midea Series) (Inverter,3 STAR, BEE rating wef 1-1-18). Machine shall have copper condensor Unit. { For Banking Hall } R-410A & R32 Refrigerent Only.	5	No
4	Supply of 3.00 TR, 4 way ceilling mounted cassette unit with indoor and out door having eco friendly refrigerant. Including indoor unit outdoor unit. decorative grille and cordless remote Machine shall have copper condensor Unit , Make: Carrier, Hitachi, Daikin, Mitsubishi Heavy Industries/Toshiba/Trane	1	NO
TOTAL FOR PART -I (Machine part)			
<u>PART- II : LOW SIDE WORK</u>			
1	Installation of IDU & ODU of1.00 TR/ 1.50TR / 2.00 Tr Hiwall split unit with first oil & gas charge & commissioning etc. (Including 5 meter free insulated copper tube & electrical cable for indoor to Out door unit).	8	No.
2	Installation of IDU & ODU of 3.00 Tr Cassate unit with first oil & gas charge & commissioning etc. (Including 5 meter free insulated copper tube & electrical cable for indoor to Out door unit).	1	No
3	Removing and Reinstallation charges for existing 1.00 /1.5 TR High wall mounted split A/C at new location including installation, entire AC servicing, repairing including spares & entire gas filling, wshing complete as directed.[Entire new copper piping and drain shall be paid as per item No 3] Shifting From Existing Premises including indoor and outdoor with MS stand etc complete as directed. Charges Include Transportation Charges also. No Charges Will Be paid Extra.	2	No.
4	Referigerant piping - insulated 0.80mm wall thicknees copper tube of Totalline/ Mandev make only between indoor to out door unit beyong 5 Rmt dist. Of 1.0 / 1.5 TR / 2.00 TR Hiwall split unit with 2.5 Sqmm 3 Core copper flexible cable of Finolex/ R R Kable /Havells/CEI make [FRLS] . The copper piping shall be insulated with 6 mm thick Nitrite rubber insulated of 'O' Class of K Flax/Armaflex/ Superlon Make. Photograph of Copper Piping With cross section photo of Piping need to be attached with bill.	90	Mtr

S.NO.	ITEM DESCRIPTION	QUANTITY	UNIT
5	Referigerant piping - insulated 0.80mm wall thicknees copper tube of Mandev/ Totalline make between indoor to out door unit of 4.00/3.00/2.00 TR ceilling mounted cassette unit with 4 Sqmm 4 Core copper flexible cable of Finolex / R R Kable/Havells/CEI make. The copper piping shall be insulated with 13mm thick Nitrite rubber insulated of 'O' Class of K Flax/Armaflex/ Superlon Make	30	Mtr
6	25/32 mm Dia UPVC drain pipe with insulation of Dutron/Supreme/Astral make - schedule 40 pipe, white in colour, joint properly glued with UPVC adhesive for water outlet from indoor unit. For Cassate AC Unit Drain Pipe Must be Insulated.	60	Mtr
7	Misc. civil work like wall opening to pass ducts & pipes, plastering and refinishing of the same to the original finish as per the site.	1	LOT
8	Providing and Fixing M.S Powder coated stand for keeping outdoor unit of Split A/C. (Ready made)	9	nos
TOTAL FOR PART -II (Low Side Work)			
9	Buy Back of Old Split AC 1.5 Tr.	3	nos
10	Buy Back of Old Split AC 1.0 Tr.	1	nos
TOTAL FOR PART -III (Buyback)			
TOTAL FOR PART (I + II - III) (Machine & Low Side Work - Buyback			
Note:			
1	ALL RATES SHOULD BE INCLUDE OF ALL TAXES [EXCLUDING GST] GST paid extra as per Applicable Norms		
2	1 Year of M/C warranty with 3 free services and 5 year unconditional warranty at site for compressor & PCB shall be provided by the supplier.		
3	Only 1 single order will be placed for both supply & installation work.		
4	Rate quoted in the tender should be for 3 star rating machines with copper condenser unit for 1 & 1.5 tonnes & 2 Tonnes. star rating for split unit shall be as per BEE 2018		
5	The Standard installation charges for the high wall split A.C unit shall include 5 meter Each of Refrigerant pipe & Electrical Wiring [Copper and Electric cable total length for all new AC machines shall be measured and standard Length for all the new AC machines shall be deducted from total measurment.] Rate includes Removing of existing Split AC & Copper & Drain Pipeing in above recpeted items		
6	The Entire Job Shall be Excuted in Total Co. Ordination with the Other Agencies Working on this Project		
7	Electrical Cable (FRLS of Finolex/ KEI/ RR Kable/Havells/ Polycab)		



- 1 Inch Pipe Dia For Each AC Drainage.
- Plumbing U PVC Pipe Need To Used.
- In Wall At Least 1 Feet Apper Easily Visible Need to Conteal.
- Slope Need To Given As Arrowed Marked.

AC LAYOUT
First Floor Plan

ARCHITECTS : HASIT KHOLIA 407, COSMO COMPLEX, NEAR MAHILA COLLEGE CHOWK, KALAWAD ROAD, Ph : 245 27 26 (O.) Mobile : 98252 17626		CLIENT: STATE BANK OF INDIA		PROJECT: STATE BANK OF INDIA BAGASARA		ISSUED 08 - 08 - 2017		PURPOSE FOR APPROVAL INTERIOR LAYOUT		STATUS SCALE - N.T.S		PROJECT NO.		DEALT CHECKED APPROVED		THIS DRAWING HAS NOT BEEN PUBLISHED AND IS THE SOLE PROPERTY OF HASIT KHOLIA (ARCHITECT) AND IS ISSUED TO THE PARTY FOR THE SPECIFIC PURPOSE AS STATED IN THE AGREEMENT AND IT SHALL NOT BE REPRODUCED, COPIED, RENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY OTHER PURPOSE OTHER THAN FOR WHICH IT IS FURNISHED.			
--	--	--------------------------------	--	---	--	--------------------------	--	--	--	-------------------------	--	----------------	--	------------------------------	--	--	--	--	--

