

**SUMMARY OF BILL OF QUANTITY OF CIVIL WORKS, FURNISHING WORKS AND  
ELECTRICAL WORK FOR FOR BANK OF BARODA AT SEC29, NOIDA**

<b>A</b>	<b>CIVIL WORK</b>	
<b>B</b>	<b>FURNISHING WORK</b>	
<b>C</b>	<b>ELECTRICAL WORK</b>	
	<b>GRAND TOTAL</b>	
	<b>* GST TAX EXCLUDING AS APPLICABLE</b>	

**SUMMARY OF BILL OF QUANTITY OF CIVIL WORKS FOR FOR BANK OF BARODA AT  
SEC29, NOIDA**

<b>A</b>	<b>CIVIL WORK</b>	
	<b>GRAND TOTAL</b>	
	<b>* GST TAX EXCLUDING AS APPLICABLE</b>	

**ESTIMATE FOR CIVIL WORKS AT FOR BANK OF BARODA AT SEC29, NOIDA**

SN	DESCRIPTION OF ITEM	QTY.	Unit	RATE (Rs.)	AMOUNT (Rs.)
<b>A</b>	<b>CIVIL WORK</b>				
<b>I</b>	<b>Dismantling Work</b>				
i)	Dismantling brick/ concrete flooring & disposal of malba from site, including dismantling door and window frames, i/c hold fasts, stacking at site, repairs of damaged walls with cement mortar/ plaster, stacking useful bricks/ bats, etc. complete in all respects. <b>Rates include supporting RCC slab with scaffolding, ballies etc, if required, during making door opening or removing wall; dismantling sanitary/ plumbing fixtures &amp; stacking the same.</b>	<b>1.50</b>	<b>cum.</b>		
ii)	Dismantling of <b>RCC roof slab/ flooring/ shelves etc.</b> & disposal of malba from site, including dismantling door and window frames, i/c hold fasts, stacking at site, repairs of damaged walls with cement mortar/ plaster, stacking useful bricks/ bats, etc. complete in all respects. Rates include supporting RCC slab with scaffolding, ballies etc, if required, during making door opening or removing wall; complete.	<b>0.00</b>	<b>cum.</b>		
iii)	Dismantling of existing furniture, partition, wall panelling, storage, counter, etc as per Architect's instruction and storing the same in store of the owner at site, usable credit if any will be reused . contractor to verify all dismantling on site before quoting the same and relate the same with the dwg. Material/ debris not needed by client to be removed and dumped to authorized municipal dumping ground or as directed i/c all leads & lifts.	<b>1.00</b>	<b>Job</b>		
iv)	Dismantling of existing electrical installations including wiring, conducting switch boxes, switched socket , switch boards, cables and storing the same in store of the owner at site, usable credit if any will be reused . contractor to verify all dismantling on site before quoting the same and relate the same with the dwg. Material/ debris not needed by client to be removed and dumped to authorized municipal dumping ground or as directed i/c all leads & lifts.	<b>1.00</b>	<b>Job</b>		
v)	Dismantling & removing of existing vitrified flooring, ceramic flooring & ceramic wall tile developing even surface to layout new flooring as per Architect's instruction, cleaning and clearing the debris to municipal dumping grounds.	<b>150.00</b>	<b>Sq.Mt.</b>		
vi)	SANITARY FIXTURES - Dismantling of wall tiles, with rough plaster, existing plumbing fittings & fixture of all types (C.I./ PVC/ Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	<b>4.00</b>	<b>JOB</b>		
vii)	Removing existing malba / debris not needed by client to be removed and dumped to authorized municipal dumping ground or as directed i/c all leads & lifts.	<b>1.00</b>	<b>JOB</b>		
viii)	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead. & Demolishing mud phaska in terracing and disposal of material within 50 metres lead.	<b>0.00</b>	<b>Sq.Mt.</b>		
ix)	Dismantling and removing doors and ventilator wherever required in a manner which facilitates easy fixing of new doors and windows without undue expense. the rate shall include removal of debris from site.	<b>0.00</b>	<b>NOS.</b>		
x)	Dismantling and removing external window glazing wherever required in a manner which facilitates easy fixing of new doors and windows without undue expense. the rate shall include removal of debris from site.	<b>0.00</b>	<b>Sq.Mt.</b>		
XI)	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	<b>50.00</b>	<b>Sq.Mt.</b>		
<b>2</b>	<b>BRICK WORK</b>				
	Providing & laying brick wall with brick class designated 75 in cement mortar 1:4 (1 cement: 4 coarse sand), including all types of leads/ lift, scaffolding, pads, racking joints, curing, cutting concrete floor before starting work, complete in all respect. In case of half brick wall, MS reinforcement as per CPWD specifications to be provided, i.e. 2 nos. 6mm dia TOR steel bars will be provided at every third course, for which no extra payment will be made.	<b>1.00</b>	<b>cum.</b>		
<b>3</b>	Providing and laying in position <b>cement concrete 1:3:6</b> (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), including the cost of centering and shuttering, curing etc, complete - All work up to plinth level.	<b>1.07</b>	<b>cum.</b>		

4	Providing and laying in position Mechanically mixed & placed with vibrator, <b>Reinforced Cement concrete 1:1.5:3</b> (1 cement: 1.5 coarse sand: 3 crushed stone aggregate 20mm & down) in foundation/beams/ columns/ roof/ shelves etc. at all heights, leads, lifts, including Centering & shuttering, scaffolding, propping etc, removal of form, cost of material, labour, curing etc complete. Rates for steel reinforcement will be paid separately.				
i)	In beams, kitchen shelves, platform for wash basin, lintel, roof slab & columns	0.00	cum.		
5	Providing and laying in position <b>TMT steel reinforcement</b> in RCC walls, foundation, roof, shelves, beams & columns, including straightening, cutting, bending, placing in position the steel bars, fixing with annealed wire, providing requisite concrete blocks for cover, providing necessary laps as per directions of the architect/ Bank engineer, etc. complete. <b>Laps will not be measured &amp; paid and no wastage will be paid.</b>	0.00	kg.		
6	Providing & laying <b>Cement plaster 1:4</b> (1cement: 4 fine sand) on brick walls, shelves, ceiling etc, including all types of leads/ lift, scaffolding, pads, racking joints, curing, etc. complete.				
i)	12 to 15mm thick Cement plaster 1:4	28.00	Sq.Mt.		
7	<b>Polymer Modified Mortar (PMM) Treatment</b>	0.00	Sq.Mt.		
	REMOVAL OF RUST: Providing & applying approved rust remover to clean reinforcement bars & allowing it to react for specified time and cleaning the reinforcement of total rust by tapping or using mechanical wire brush around the reinforcement bars to give it a totally rust free finished steel surface using suitable tools and equipment.				
	PASSIVATOR COAT ON REINFORCEMENT : Providing and applying one component , Polymer modified cementitious anti-corrosive primer formulated to provide dual protection of a polymeric barrier and an integral corrosioninhibiting system to existing and additional steel provided before patching of damaged areas, using suitable tools and equipment and using BASF approved make chemicals of Master Emaco P130/ Fosroc Nitoprime Zincrich / Sika Rustoff 100.				
	BOND COAT: Providing and applying bond coat on concrete surface by mixing high dispersion SBR latex like Master Emaco SBR2 of BASF or Nitobond SBR (Latex) of Fosroc with white cement in the ratio of 2:3. The mixing should be done to a lump free consistency for bond coat and screed mortar to be applied once the bond coat is tacky.				
	POLYMER MODIFIED MORTAR (PMM) : Providing and repairing the damaged concrete portion with single component, fibre reinforced, dual shrinkage-compensated , thixotropic, cementitious patch repair mortar as per manufacture's specifications in thickness of 12mm to 50mm both vertical & overhead depending on site conditions in layers capable of applying 25mm thick initially by hand and finishing with trowel, compacting the same around bars and finishing in line with existing concrete surface. The rates are inclusive of Manpower, Material and Equipment. The approved brands are Master Emaco S348 of BASF / Renderoc HB -60 of Fosroc / Sikadur 41 of Sika. ( The rate of item to be quoted inclusive of C1 a, b, c & d). Rate includes covering of AC Duct during treatment to at ceiling area. Cost of itme measured for the thickness of 3" thickness.				
	Please Note: The Contractor should ensure that all stages (a to c) of PMM works to be passed by the consultant.				
7	<b>PAINTING</b>				
i)	Applying three or more coats of <b>Acrylic Emulsion Paint</b> (ASIAN/ NEROLAC) of approved shade including making of ground, rubbing, filling of putty base preparation with BIRLA/ JK Putty, applying a coat of cement primer, complete. In case where the surface has been earlier white/colour washed, the old white/colour wash shall be entirely removed and surface broomed/scrapped down before preparing the surface foe applying paint as described above. Rates include cleaning of splashes, stains on floor, window panes etc and scaffolding, if required and for all heights.	415.00	Sq.Mt.		
ii)	Applying 2 or more coats of <b>enamel paint</b> (NEROLAC/ ASIAN) on wooden/ steel doors & windows to give even & uniform surface.	170.00	Sq.Mt.		
iii)	Applying three or more coats of <b>Exterior emulsion paint</b> (ASIAN/ NEROLAC) of approved shade including making of ground, rubbing and scrapping old surface with sand paper/ steel wire brush, filling of putty for base preparation, applying coat of cement primer, etc. complete in all respect.	95.00	Sq.Mt.		
8	<b>VITRIFIED FLOOR TILES</b>				

	Providing and fixing VITRIFIED Tiles of approved make, shade and pattern as shown in the drwng. / as aproved by Bank/ Architect. In CM 1:4 in proper line and level with out spacers for maintaining the grid lines. Rate shall be inclusive of providing and laying necessary <b>PCC and Cement Mortar for a thickness of 3"</b> and joint filling compound of the same shade of the tiles and including pop covering on the new flooring for the protection of tiles with base covering plastic.				
	NOTE: Recessed floor for 3M floor mat (of size 4' x 2' x 12mm) should be made at the entrance.				
i)	24"x48" Vitrified tiles.	150.00	Sq.Mt.		
9	<b>Ceramic Tiles</b>				
i)	Providing & fixing 1st quality glazed <b>ceramic glazed wall tiles</b> 12"x18" size as approved by Architect/ Bank's Engineer, of approved shade & pattern (KAJARIA/ JOHNSON/ NITCO), fixed with Cement plaster 1:4 (1cement: 4 fine sand) & neat cement as per specifications, including dismantling existing tiles/ dado/ plaster & disposal of malba from site, laying 12mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand) complete, including all types of leads/ lift, scaffolding, pads, racking joints, filling of joints with white cement grout, curing, etc. complete.	28.00	Sq.Mt.		
10	Providing and laying <b>Anti- skid ceramic floor tiles, of</b> 12"x12" or 16"x16" size (KAJARIA/ JOHNSON/ NITCO), shade & pattern as directed by Bank's Engineer/ Architect, as per design pattern on floor with chemical or adhesive/ cement as directed and joints to be filled with grout of approved colour, including dismantling existing floor tiles and disposal of malba from site, filling depressions in floor, cutting wooden/ aluminum doors to match new floor level, preparing of surface, dismantling of tiles & disposal of malba from site.	38.00	Sq.Mt.		
11	Laying <b>Black/ Coffee Brown Granite</b> on steps (risers & tread)/ skirting/ shelves/ wash basin counters in cement mortar 1:3 (1 cement: 3 coarse sand), including grouting joints with neat cement mixed with pigment to match colour of granite, complete. Rates should include making edge moulding, making opening in granite for wash basin/ waste etc as per directions.	0.00	Sq.Mt.		
12	Providing & fixing UPVC soil, waste, vent pipework comprising UPVC pipe conforming to IS :4985-1983 and of required class as specified below and fittings (moulded as well as fabricated) like elbows, bends, reducers, threaded tail pieces, caps and other specials. jointing with cement solvent, chasing, cutting and making good the walls, complete in all respects including testing of complete installation.				
i)	75 mm dia	25.00	Rm		
ii)	100mm dia	15.00	Rm		
13	Providing and fixing Chloronated Polyvinyl Chloride (CPVC) Pipes, having thermal stability for hot & Cold water supply, including all CPVC plain & brass threaded fitting i/n fixing the pipe with clamps at 1.00 M spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting and making good the same including testing of joints complete as per direction of Engineer in Charge. (CONCEALED WORK: including cutting chases and making good the same walls etc. complete				
	15.00 mm nominal outer dia.	25.00	Rm		
	20.00 mm nominal outer dia	15.00	Rm		
	32.00 mm nominal outer dia	10.00	Rm		
14	Providing & fixing 1st quality vitrous china white coloured floor mounted <b>European Water Closet</b> (JAQUAR- CNS-WHT- 553SN) with 13 litre vitrous china white coloured Cistern with fittings, syphone etc and mounted on MS brackets, CP overflow with mosquito proof coupling, with black seat cover & lid, CP brass hinges, CP bend, WC fixed with brass screws, including connecting with existing CI pipe with CI/ PVC pipe, cutting & making good floor/ walls, wherever rquired, including dismantling existing fixtures & stacking the material at site, complete in all respect.	3.00	nos.		
15	Providing & fixing 1st quality vitrous china white coloured flat back - Large <b>Urinal</b> 590x390mm (HINDWARE Cat 60002) with white glazed vitrous china automatic flushing Cistern, connecting CP brass pipes/ spreaders, CP waste and 40mm GI waste pipe from bottle trap to urinal trap in floor, removing & stacking existing fixtures, cutting & making good floor/ walls, wherever required, including dismantling existing fixtures & stacking the material at site, complete in all respect.	3.00	nos.		

16	<b>WASH BASIN</b>				
i)	Providing & fixing 1st quality vitrous china white coloured <b>Over counter Wash basin</b> 59x42x19.5 cm size (HINDWARE- TULIP Cat. no. 10071/ MAGNA Cat no. 10071), 32mm CP waste, CP bottle trap, CP brass chain & rubber plug, fixing wash basin on granite top of 3'x2' size or as instructed; granite top to be fixed on top of RCC shelf 3" thick, including reinforcement steel, shuttering, scaffoldings, props, curing etc, complete, cutting & making good RCC shelf/ floor/ walls, wherever rquired, complete in all respect.	3.00	nos.		
ii)	Providing & fixing 1st quality vitrous china white coloured <b>Wash basin</b> 56x41cm size (HINDWARE- OPAL Cat no. 10082), size 67x51 cm, with Pedestal (HINDWARE), I no. CP Pillar cock (JAQUAR- Presmatic), CP waste, PVC drain pipe, fixing wash basin with MS bracket, cutting & making good floor/ walls, wherever rquired, complete in all respect.	0.00	nos.		
17	Providing & fixing 15mm dia CP short body <b>Bibcock</b> (JAQUAR OPAL- Cat no. 15037), with CP wall flange, complete.	5.00	nos.		
18	Providing & fixing 15mm dia <b>CP Angle valve</b> (JAQUAR - Cat no. OPAL- Cat no. 15053), with CP wall flange, complete.	5.00	nos.		
19	Providing & fixing 15mm dia <b>CP Pillar cock</b> (JAQUAR OPAL- Cat no. 15001), complete.	5.00	nos.		
20	i) Providing & fixing <b>CP Health Faucet ABS (JAQUAR- ALD-769L250X190)</b> , with 120cm SS flexible tube (VIKING) & ABS wall hook, complete.	5.00	nos.		
	ii) Providing & fixing 15mm dia <b>CP Water jet</b> for WC with connecting CP pipe, complete in all respect.	5.00	nos.		
21	Providing & fixing 15mm dia <b>CP Concealed stop cock</b> (JAQUAR OPAL - Cat no. CON-083FTK), with CP wall flange, complete.	5.00	nos.		
22	Providing & fixing <b>CP jali</b> (heavy duty) with CP outer ring, complete.	5.00	nos.		
23	Providing & fixing <b>CP Towel rod(JAQUAR )- 24" long</b> , heavy duty, complete.	5.00	nos.		
24	Providing & fixing <b>CP liquid soap container(JAQUAR )</b> , complete.	5.00	nos.		
25	Providing & fixing stainless steel <b>Toilet paper holder(JAQUAR )</b> .	5.00	nos.		
26	Providing & fixing <b>Bottle Trap</b> 32mm with 250mm & 190mm long wall connection pipes & wall flange, complete(JAQUAR- OPAL Cat: ALD-769L250X190)	3.00	nos.		
27	Providing & fixing 600x450 mm or as directed, beveled edge <b>mirror</b> 5.5 mm superior glass (ATUL/ SAINT GOBBIN) complete with 6 mm thick hard board ground fixed to wooden cleats & CP brass screws, washers & clips etc. complete.	18.00	Sq.Mt.		
29	<b>PANTRY PLATFORM IN JET BLACK (WITH SINK &amp; COCK)</b>	0.00	RFT		
	Providing and laying <b>platform of 2'-0" width</b> (clear) and at 2'-8" height (top) above FFL of approved 20 mm thick granite with bull nosed edges. It shall be supported on RCC slab with vertical brick wall supports. A 2" granite facia should be provided below the bull nosed edge of granite platform. Rate shall be inclusive of making cutouts and polishing the edges for 18 " x 18 " S. S. Nirali sink without drain board (medium) or equivalent make). A flexible pipe from sink to the nahn trap shall be provided. Rate shall also include one jaguar continental C P SWAN NECK TAP with swinging casted spout (no. 347).				
30	Providing and laying in position 4" heavy duty PVC pipe, including bends and connecting the pipe with existing sewer/ man hole. Rates include excavating earth, dismantling cement concrete floor, laying pipe, re-filling earth, repairing concrete flooring & disposal of malba from site, complete.	5.00	mtr.		
32	<b>Providing and fixing Isolated flush door shutter (Partly Glazed and Partly Laminate) with frame as follows</b>	7.00	Sq.Mt.		
	Providing and fixing 4"x2" steam beach member for frame and Flush door shutter made out of 31 mm thick flush door with 6 mm thick clear float glass vision panel secured with 12 mm thick steam beach beading, 31x 12 mm thick steam beach periphery patti around shutter edges, 1 mm thick laminate on both sides, 35x12mm thick steam beach stopper patti on frame including 3 Nos 5" long SS hinges with countersunk SS screws, Approved make Ded Lock, S.S Handles,150 mm long Door stoppers, doorstop of approved make etc. all exposed surface /edges not laminated be provided with lacquer polish complete as per drawing & instructions				
	<b>TOTAL</b>				
	<b>NOTE: GST &amp; Contingencies, as applicable, will be paid extra.</b>				

SUMMARY FOR FURNISHING WORK OF BANK OF BARODA AT SEC-29, NOIDA		
S.NO	DESCRIPTION	AMOUNT (Rs.)
A	SCHEDULE - 'A' (FURNISHING WORK)	
1.0	FALSE CEILING	
2.0	PARTITION WORK	
3.0	DOOR & ACCESSORIES	
4.0	WORKING COUNTER	
5.0	TABLE & FURNITURE	
6.0	CUPBOARDS AND SIDE UNIT	
7.0	OTHER MISC. WORK	
8.0	RELAMINATION WORK	
9.0	OTHER REPLACEABLE ITEMS	
	TOTAL SCHEDULE " A	
	* GST EXTRA AS APPLICABLE	

BOQ INTERIOR WORKS FOR BANK OF BARODA AT SEC-29, NOIDA					
<b>A</b>	<b>SCHEDULE - 'A' (FURNISHING WORK)</b>				
<b>S.NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY.</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>1.00</b>	<b>SUSPENDE FALSE CEILING</b>				
<b>1.10</b>	<b>FALSE CEILING ( GYPSUM BAORD)</b>				
	<p>Providing and fixing Gypsum false ceiling as per drawing including of providing and fixing G.I. Frame work shall comprise of G.I. perimeter channel (MF-6A) of size 0.50mm thick having one flange of 19.6mm and another flange shall be of size 29.6mm and a web of 26.6mm along with perimeter of ceiling, screw fixed to the beam to the required curvature with nylon sleeves and screws at not exceeding 610mm centers. Then suspending G.I. intermediate channel (MF-7) of size 45mm, 0.9mm thick with two flanges of 15mm each bent to the required curvature by cutting both its flanges. Suitable bracing to be provided where ever the flanges are cut with 0.9mm G.I. Flat and nuts and bolts at specific positions and thereafter at 1220mm centers with ceiling angle of width 25mm x 10mm x 0.50mm thick fixed to soffit with G.I. cleats and steel expansion fasteners as per specification of India gypsum at a distance of 2'0" c/c both ways complete with 12.5mm board and all necessary perimeter channels etc. The joints to be properly mended with paper tapes and gypsum compound all complete. The boards are to be jointed and finished which includes filling and finishing the tapered and square edges of the boards with jointing compound and fiber tape suitable for Gypsum board. A layer up to of 3.00mm thickness of Veneer Plaster is applied followed by two coats of topcoat (primer) at the face of board to give smooth seamless finish. 2 or more coats of plastic emulsion paint (roller finish) of approved shade and make shall be applied. The rate should include the full completion of the ceiling. At the time of handing over the site all necessary repairing work to be considered if required. The work to be completed as per specification, approval of the bank. No Drop or design (if any) will be considered as extra measurement it will be considered flat ceiling. (Only plan area to be measured for payment)</p> <p>.No extra payment will be made for the cutting of light points, stain glass, cove lighting etc. The measurement will be taken in one level, rate should include the drops also, no extra amount will be paid.</p>	Sq.Ft.	980.00		
<b>1.20</b>	<b>FALSE CEILING (ARMSTRONG CEILINGS – FINE FISSURED MICROLOOK EDGE WITH SILHOUETTE GRID (BLACK REVEAL)</b>				
	<p>Providing and fixing false ceiling system manufactured by M/s. Armstrong World Industries using hot dipped galvanized steel section, rotary stitched main tee of size 15mm x 42 mm web height, having 0.36 mm gauge at every 600 mm centre to centre maximum and rotary stitched cross tee of size 15 mm x 42 mm, having 0.33 mm gauge at every 600 mm. c/c. and wall angle of size 19 x 19 mm., having 0.35 mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c. in both directions using 2.0 mm. thick pre-straightened GI wire laying FINE FISSURED MICROLOOK WITH SILHOUETTE GRID (BLACK REVEAL) ceiling tiles manufactured by M/s. Armstrong World Industries, of size 600mmx600mmx15mm having NRC 0.55, Light reflectance of &gt;84% (WT), thermal conductivity k = 0.052-0.057 W/m0K, Humidity Resistance of 99%, having Fire Performance CLASS O / CLASS 1 (BS 476), surface having 3 coats of white paint with Fine Fissured, back of the tile duly sanded and finished with a coat of protective paint over the formed grid complete. (Branch &amp; ATM)</p>	Sq.Ft.	730.00		
	<b>TOTAL OF SUSPENDE FALSE CEILING</b>				
<b>2.00</b>	<b>PARTITIONS WORK</b>				
<b>2.10</b>	<b>FULL HEIGHT SOLID PARTITION</b>	Sq.Ft.	120.00		
	<p>Full ht. Solid Partition including flush door &amp; strong room partition up to 7' only :- Providing and fixing solid partition, the framing shall be made out of aluminium hollow section of 65mm x 37mm size 1.5mm thick of JINDAL / INDAL as internal frame structure placed horizontally &amp; vertically at max distance of 2'-0" x 2'-0" center to center. Fixing 12 mm thick ply board on both sides with 1.0mm thick laminate on top of approved shade with groove pattern as per instructions of Architect.</p> <p>The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing &amp; fixing a border at top of 100mm wide lined with 1mm thk laminate complete. Laminate Should be considered up to two or three color combination. The edge beadings with steam beach wood should be finished with melamine polish if required, frame work above false ceiling done shall not be measured but contractor may factor it while quoting there rates as measurement up to false ceiling lvl.. The rate inclusive of providing &amp; fixing of required flush door of 37mm thick approx. with 1.0mm th. laminate both side with steam beech wood chowkhat of size 75mm x 65mm approx and Item includes Heavy-duty SS ball bearing butt hinges 100 x 5.5 mm (4 Nos. per shutter) with screws etc. The shade of laminate finish to be got approved from Bank. All as per the design and</p>				



	Note :- For the purpose of payment partition shall be measured including the area of door/door frames up to false ceiling height.				
	Framework shall be regidly secured to floor, bottom of slab & existitng walls at 2'-0" c/c with dash fasteners.				
<b>2.20</b>	<b>Partition with one side laminate &amp; other with Gypsum</b>	<b>Sq.Ft.</b>	<b>0.00</b>		
	As of the above but Providing and fixing double skin partition using aluminium frame as specified above along with 12mm thick ply board wood lined on one side and lining with 1mm thk laminate and on other side lined with 6mm thick gypsum board of approved shade and make.				
<b>2.30</b>	<b>Single skin partition above ceiling</b>	<b>Sq.Ft.</b>	<b>50.00</b>		
	As of the above but Providing and fixing single skin partition above false ceiling(where false ceiling is provided only on one side) for a height of up to 600mm or near about soffit of roof using aluminium frame as specified above along with 12mm thick ply board wood lined on only one side and lining with 1mm thk laminate of approved shade and amke along with grooves.				
<b>2.40</b>	<b>Full Height Glazed partition</b>	<b>Sq.Ft.</b>	<b>425.00</b>		
	Same as of Solid ht. partition , providing 8mm thick Modi/saint Gobin float glass above 1'-0" / 3'-0" & up to 7'-0" fixed with steam beech wood beading of finished size 1 1/2" X 1" all along the edge. All edge- to-edge glass joint to be machine cut and polished and sealed with silicon sealant. joint shall be located strictly as shown in the drawing. All exposed woodwork to be mealamine polished. Item includes frosted/striped/designer glass film of 3m, Avery Dennison or equivalent ( basic rate of Flim Rs. 50/ Sq.ft. ) on existing glass as per manufacturer's specifications. All as per the design and instruction Bank.				
<b>2.50</b>	<b>Low. Height Semi Glazed Partition</b>	<b>Sq.Ft.</b>	<b>195.00</b>		
	Same as above but of Low height as per design including 10mm Toughened glass with edges polished to be used. All other specs are same as of above, Edges of the partition to be covered with 3" X 1.5" Steam beech wood duly melmine polished moulding. 38mm thick flush door: wicket gate also shall be included for a measurement. All as per the design and insturction bank.				
<b>2.60</b>	<b>Glazed Partition</b>	<b>Sq.Ft.</b>	<b>66.00</b>		
	Providing & fixing 10mm thick toughened clear float glass to shape for front side of the cash counters including cutting the holes and providing & fixing TW beading polished and tinted to approved shade. ( including SWO/Chief Cashier front Glass).				
<b>2.70</b>	<b>ACP PANELING</b>				
	Providing & fixing in position ACP (Aluminium Composite Panel) with framing of Aluminium Tube sections of min 1.5"x 1" and 20 gauge 2'-0" C/C both ways. ACP to be in 2' wide panels or distributed equally. Panels to be fixed to the frame with 3M or equivalent adhesive. Joints to be finished with Silicon based sealant. Minimum ACP thickness 3 mm. Aluminum foil thickness to be min 0.25 mm on both sides. Alubond, Eurobond, Fujibond, Alcobond or equivalent ISO certified or approved brands to be used. White (IVORY) & Blue to be as per bank's approval. Additional Sections to be provided to fix the Indoor AC units. Both AC units to be installed near the machine area at the highest position. The rate shall be included for providing proper access panel for ATM power point and shall have proper locking arrangement for plug point by provding additional framing. ( The measurement shall be made up to falseceiling).	<b>Sq.Ft.</b>	<b>0.00</b>		
	<b>TOTAL OF PARTITIONS WORK</b>				
<b>3.00</b>	<b>DOOR &amp; ACCESSORIES</b>				
<b>3.10</b>	<b>Main Entrance Door PT Door</b>	<b>Sq.Ft.</b>	<b>50.00</b>		
	Providing and fixing toughend glass door shutters of 12mm thickness in opening of glazed partitions with stainless steel patch fittings of approved make ( DORMA/ DLINE / GEZE or approved equivalent) including heavy duty double action floor-spring with steel cover plate of approved make, pull handle SS brussed finishes 24" long thick 25mm on both sides of door shutters, locking arrangement of Dorma / D Line or equivalent or better quality as approved by Engineer-in-charge. Exposed edges of glass shall be machine cut & polished. Cost includes cutting and making good the floor, walls, ceiling etc. for fixing floor spring and patch fittings. All complete as per approval of the Architect.				
<b>3.20</b>	<b>Main Entrance Fixed PT Glazing</b>	<b>Sq.Ft.</b>	<b>90.00</b>		
	Providing and fixing toughend glass partition of 12mm thickness with stainless steel patch fittings of approved make ( DORMA/ DLINE / GEZE or approved equvalant as approved by Engineer-in-charge. Exposed edges of glass shall be machine cut & polished. Cost includes cutting and making good the floor, walls, ceiling etc. for fixing patch fittings.				
<b>3.30</b>	Supplying and fixing of Dorma/GEZE Dline / Hardwyn/Godrej or approved equivalent Door Closed for wooden door for Branch manager, Banking ahl. Chief Cashier	<b>Nos</b>	<b>5.00</b>		

3.40	Supplying and fixing of mortice door lock of hardwyn make HML-480 Lock Body 304 Stainless Stell. (in BM Cabin , Store room . Cash cabin shall be Godrej Night latch (atm 1 No.)	Nos	5.00		
3.50	Supplying and fixing of door stopper SS Grade 304, HESSF-2C hardwyn make.	Nos	5.00		
	<b>TOTAL OF DOOR &amp; ACCESSORIES</b>				
4.00	<b>WORKING COUNTER</b>				
4.10	<b>CASH/STAFF COUNTERS</b>	Rft.	10.00		
	Providing and fixing Chief Cash Counter in split-levels @ 2'-6" (height 750mm) & 18" (1140mm) with 2'-6" & 15" wide each respectively . Upper levels having 1mm Thick Laminate to 19 mm thick ply board top . Lower tier shall be made of 19 mm thick ply board finished in 1.0 mm thick laminate. Exposed edge having steam beech wood edging of size 1 1/2" x 1". Vertical face shall have 19mm thick ply board over pine wood framework as per requirement of design. All exposed surfaces shall be finished with 1.0mm thick laminate of approved shade and colour.				
	1 no. prefabricated metal computer key board tray including drawer slides 12.5" x 22" tray with 14" telescopic slides including L – brackets for securing to the table top. Chest of drawers (size 1'-4" x 2'-0" x 2'-5") made of 19mm thick ply board wood having three drawers finished with 1.0mm thick Laminate on all sides. Each drawer shall have locking system and 6" long S.S. brushed finished handle, drawer slides etc. of approved make. All exposed edges of ply board sealed with Steam beech wood beading of size 1/4" x 3/4". All beading and exposed wood shall be melamine polished and non-laminate surface to be enamel painted. Item includes readymade metal powder coated CPU trolley, grommet, footrest for each seat. All complete as per approval and instructions of the Architect / employer. The rate also include providing and fixing painting a foot rest using hard wood 100 x 25mm size 1st class seasoned country frame. Payment will be made only on the centerline measurement. The rate shall include the cost of providing skirting of 100mm wide lined with 1.0mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1.0mm thk laminate				
4.20	<b>RUNNING COUNTER</b>	Rft.	25.00		
	Providing and fixing staff counter/SWO in split-levels @ 2'-6" (750 mm) & 3'1" with 2'-6" (750 mm) & 9" wide each respectively . Upper levels having 1mm Thick Laminate to 19 mm thick ply board . Lower tier shall be made of 19mm thick PLY board and finished in 1.5mm thick laminate. Working top having steam beech wood edging of size 1 1/2" x 1". Vertical face shall have 19 mm thick ply board over pine wood framework as per requirement of design. All exposed edges of PLY board sealed with Steam beech wood beading of size 1/4" x 3/4". All exposed surfaces shall be finished with 1.0mm thick laminate of approved shade.				
	The item includes Chest of drawers (size 1'-4" x 2'-0" x 2'-5") made of 19mm thick ply board wood having One drawers at top and a storage cabinet below having shutters of 19mm thick ply board finished with 1.0mm thick Laminate on all sides. 1 no. prefabricated metal computer key board tray including drawer slides 12.5" x 22" tray with 14" telescopic slides including L – brackets for securing to the table top for each seat. All beading and exposed wood shall be melamine polished and non-laminate surface to be enamel painted. Item includes 1'-3" high 12mm thick toughened glass above upper tier and readymade metal powder coated CPU trolley, grommet, foot rest for each seat. All complete as per approval and instructions of the Architect / employer. The rate also include providing and fixing painting a foot rest using hard wood 100 x 25mm size 1st class seasoned country frame. Payment will be made only on the centerline measurement. The rate shall include the cost of providing skirting of 100mm wide lined with 1.0mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1.0mm thk laminate complete.				
	<b>TOTAL OF WORKING COUNTER</b>				
5.00	<b>TABLE &amp; FURNITURE</b>				
5.10	<b>MANAGER TABLE ( Size:- 6'-6" x 2'-6") ht. 2'-6"</b>	Nos	1.00		

	Providing and fixing tables made out of 19 mm thick ply board over hard wood frame work finished with 1.5mm thick laminate of approved shade. Top having steam beech wood edging of size 2" x 1 3/4". 10mm thick clear float glass with beveled edges shall be provided on the finished to 19mm thk Comm. ply board of approved make cladded with 1mm thk. laminate( color with vertical grain) as per design in all visible areas. All the exposed edges to be covered with wooden steam beech lippings and mouldings duly malamine polish. The drawers to be made out of 19mm thk ply board with 1.0 mm laminate finish in the front , and bottom to be made out of 6mm ply board and it should play in drawer sliding telescopic channels. The inside of the drawer to be duly paint & Table back side wil be 1mm laminate. A leg rest to be provided duly polished made out of 3"x2" Wooden Section. A shutter to be made by 19mm PLY board cladded with 1.0mm laminate .The necessary locks handles to be provided in each drawers and shutters. 3" x 1/2" wooden skirting to be provided in all visible areas duly polished. The necessary wire managers(SS) to be provided on the tables and provision for lights to be kept if required in the front of the table. All the exposed areas to be duly malamine polished The work to be completed as per design and approval of the Bank. The table should have key board tray and CPU Trolley to be Modular. All as per the design and instructions Bank .				
<b>5.20</b>	<b>OFFICER TABLE ( Size:- 5'-0" x 2'-6" ) ht. 2'-6"</b>	<b>Nos</b>	<b>7.00</b>		
	Providing and fixing tables made out of 19 mm thick ply board over hard wood frame work finished with 1.0 mm thick laminate of approved shade. Top having steam beech wood edging of size 2" x 1 3/4". 10mm thick clear float glass with beveled edges shall be provided on the finished to 19mm thk Comm. ply board of approved make cladded with 1mm thk. laminate( color with vertical grain) as per design in all visible areas. All the exposed edges to be covered with wooden steam beech lippings and mouldings duly malamine polish. The drawers to be made out of 19mm thk ply board with 1.0 mm laminate finish in the front , and bottom to be made out of 6mm PLY board and it should play in drawer sliding telescopic channels. The inside of the drawer to be duly paint & Table back side wil be 1mm laminate. A leg rest to be provided duly polished made out of 3"x2" Wooden Section. A shutter to be made by 19mm PLY board cladded with 1.0mm laminate .The necessary locks handles to be provided in each drawers and shutters. 3" x 1/2" wooden skirting to be provided in all visible areas duly polished. The necessary wire managers(SS) to be provided on the tables and provision for lights to be kept if required in the front of the table. All the exposed areas to be duly malamine polished The work to be completed as per design and approval of the Bank. The table should have key board tray and CPU Trolley to be Modular. All as per the design and instructions Bank .				
<b>5.30</b>	<b>SERVER TABLE ( 2'-0" WIDE )</b>	<b>Rft.</b>	<b>0.00</b>		
	Providing and fixing of Utility//Server Counter 2'-0" wide top made up of 19mm thick commercial pasted on 1.0 mm thk. laminate. The Top of table will be finish with 1.00 thk laminate.all hardware fittings fixtures etc. The drawers to be made out of 19mm thk board with 1.0 mm laminate finish in the front ,sides to be made out of 12mm PLY board and bottom to be made out of 6mm PLY board and it should play in drawer sliding telescopic channels. The inside of the drawer to be duly paint. All exposed edges to have wooden lipping stained to match the desk and melamine finished.Design and detail of the table shall be as per design. (As per Site, Designing of Table and specification may be Changed). The works to include a keyboard try and CPU trolley to be modular. All as per the design and instructions Bank. (S.S. Finish Lock & Handle to be included )				
<b>5.40</b>	<b>ROLLING BLINDS</b>	<b>Sq.Ft.</b>	<b>120.00</b>		
	Providing and fixing Roller blinds of approved design and shade by the Architect,incl all std fittings as per manufacturer's specification. The work to be completed as per specification and approval of the architect. (approved brand Vista, Hunter Douglas)				
	<b>TOTAL OF TABLE &amp; FURNITURE</b>				
<b>6.00</b>	<b>STORAGE &amp; SIDE UNIT</b>				
<b>6.10</b>	<b>Side and Back Unit</b>				

	Providing and fixing Side Unit/ Back unit 450 mm depth made out of 19mm PLY board finished with 1.0mm laminate in all exposed areas and top shall be 1.0 mm thick . The drawers to be made out of 19mm PLY boardwood and cladded with 1.0mm laminate and bottom made out of 6mm comm ply duly painted in matching tone and it should play on drawer sliding channels . The shutters to be made out of 19mm PLY board wood and should play on drawer sliding castors on powder coated channels. The necessary locks , handles, etc to be provided . 3" x1/2 wooden skirting to be provided duly polished as per matching tone all along the visible areas . Inside of the unit to be enamel painted in matching tone . All the exposed edges of the boards/ PLY boards to be coverd with woden lippings/mouldings duly polished all complete. The work to be completed as per approval and specification of the Architect.	Sq.Ft.	75.00		
6.20	<b>LOW HT cabinet UNIT</b>	Sq.Ft.	270.00		
	Providing and fixing Full /Low height Cabinet 450mm deep made out of 19mm thk PLY board finished with 1.0mm laminate in all exposed areas . The Shutter to be made out of 19mm PLY board in the front cladded with 1.0mm laminate( color, vertical grain) . and bottom made out of 6mm PLY board duly painted in matching tone and shelves 19mm thk comm PLY board to fixed inside storage. The shutters to be made out of 19mm PLY board . The necessary locks , handles, etc to be provided . 3" x1/2 wooden skirting to be provided duly polished as per matching tone all along the visible areas . Inside of the unit to be enamel paint finish . All the exposed edeges of the boards/ PLY boards to be coverd with wooden lippings/mouldings duly polished all complete.All as per the design and instructions Bank.				
6.30	<b>Main Electrical Panel Cabinet</b>	Sq.Ft.	45.00		
	Providing and fixing of DB Shuttering formed of 12mm thk PLY board on 12mm thick Gypsum board (fire Proof) with finsih as per Item no 1 for inside and out side shutters finished with laminate on outer surface with SS (4Nos) louvre perforation and necessary hardware,hinges etc complete as per details. All as per the design and instructions Bank.				
	<b>TOTAL OF STORAGE &amp; SIDE UNIT</b>				
7.00	<b>OTHER MISCELLANEOUS ITEMS</b>				
7.10	<b>PIN UP / NOTICE BOARD</b>				
	Providing and fixing soft board with necessary framework with 12mm BWR PLY board on top 12 jolly board to be fixed finished with fabric @Rs80 , with necessary mouldings duly polished along the periferi. All as per the design and instructions Bank.	Sq.Ft.	32.00		
7.20	<b>PAINTING PLASTIC PAINT</b>	Sq.Ft.	0.00		
	Applying 2 Coat putty with primer and Providing and applying Plastic emulsion paint (asian) of approved make and shade on walls including scrapping off, preparing the base & applying 3 or more coats of approved make, color and shade to give an even and smooth surface on new work including necessary scaffolding, coat of cement primer etc. all complete as per direction of Bank. ( only banking hall )				
7.30	<b>EMULSION PAINT:-</b> Applying 2 coat of Plastic emulsion paint (asian) of approved make and shade on walls including scrapping off, preparing the base ect color and shade to give an even and smooth surface on new work including necessary scaffolding, coat of cement primer etc. all complete as per direction of Bank. ( Other than banking hall )	Sq.Ft.	0.00		
7.40	<b>WRITING LEDGER &amp; Cheque &amp; sugestion box</b>	NO	1.00		
	Providing and fixing writing ledge as per design minium 5 ft length made out 19mm comm. board with necessary grove patterns with 1.0mm laminate. 10mm thk machine polished glass to be provided on top of the writing ledge. Small boxes to be made out of 12mm PLY board to be made on top of the writing ledge finished with 1.0 mm laminate, inside enamel painted and rate should be included providing fixing of sugestion box & Cheque deposit box as per approval of bank. The work to be completed as per design and approval of the architect.				
7.50	<b>Outer Shutter Boxing</b>				
	Overhead outside shutter box: p/f sal wood frame fixing of 12mm				
	PLY board with 1mm thk. Laminate finish and openable shutter for out side area inside shall be 2 coat enamel paint with primer	Sq.Ft.	110.00		
7.60	<b>PILLAR &amp; FRONT FACIA ABOVE MAIN ENTRANCE : WOODEN PANNELING</b>	Sq.Ft.	900.00		

	Fabricating and fixing wall/column paneling, the framing shall made out of aluminium hollow section of 65mm x 37mm size 1.0mm thick of JINDAL / INDAL at spacing not exceeding 600mm bothways (horizontal and vertical). Paneling framework to be secured to wall surface/column surface. Paneling framework to be clad on one side with 9mm thick ply finished with 1.0mm thk laminate including skirting of 100mm high & 12mm x 12mm groove at skirting level. All as per the design and instructions Bank.				
<b>7.70</b>	<b>VINYL FLOORING</b>	<b>Sq.Ft.</b>	<b>0.00</b>		
	Supplying & laying of approved brand of scratch proof, semi flexible P.V.C. blended homogeneous marble Vinyl flooring in tiles conforming to IS:3461, fixing with synthetic acrylic adhesive after preparing the floor, levelling & smothaning when necessary with suitable putty, as per the design & instruction of the Engineer-incharge. 2 mm thick. Make Solar Bright, Solutia or equivalent.				
	<b>TOTAL OF OTHER MISCELLANEOUS ITEMS</b>				
<b>8.00</b>	<b>RELAMINATION OF EXISTING TABLES, COUNTERS, STORAGE AND OTHER WOODEN SURFACES</b>	<b>Sq.Ft.</b>	<b>620.00</b>		
	Removing all old pasted laminate from existing Wooden furniture ( i.e. Cash Counters, Running Counters, Manager Table, etc.) from all side without damaging other items & Providing and fixing 6 mm thk BWP plywood to both sides finished with 1.0 mm thk laminate, all exposed edges to be provided with TW lipping finished with melamine polish complete as directed by Architect.				
<b>9.00</b>	<b>OTHER REPLACEABLE ITEMS IN RELAMINATION WORK</b>				
9.10	Supplying and fixing of 4" Handle with all necessary fittings SS Grade 304, HESSF-2C hardwvn make	<b>Nos.</b>	<b>12.00</b>		
9.20	Supplying and fixing of Multipurpose Lock with all necessary fittings SS Grade 304, HESSF-2C hardwvn make	<b>Nos.</b>	<b>12.00</b>		
9.30	Supplying and fixing of catcher with all necessary fittings and as directed by architect	<b>Nos.</b>	<b>6.00</b>		
<b>7.70</b>	<b>TOTAL FOR OTHER REPLACEABLE ITEMS</b>				
	<b>GRAND TOTAL FOR FURNISHING (A)</b>				<b>0.00</b>
	* GST EXTRA AS APPLICABLE				

**SUMMARY FOR BANK OF BARODA AT SEC-29, NOIDA**

<b>S.NO</b>	<b>DESCRIPTION</b>	<b>AMOUNT (Rs.)</b>
<b>B</b>	<b>SCHEDULE - 'B' ( ELECTRICAL WORK )</b>	
I	ELECTRICAL WORK , DB , WIRING ETC	
II	ELECTRICAL WORK & LIGHT FIXTURE & FITTINGS	
	<b>TOTAL SCHEDULE "B "</b>	
<b>C</b>	<b>SCHEDULE - 'C' ( LAN &amp; TELEPHONE WORK )</b>	
1.0	LAN & TELEPHONE WORK	
	<b>TOTAL SCHEDULE "C "</b>	
<b>D</b>	<b>SCHEDULE - 'D' ( AC WORK )</b>	
1.0	AC WORK	
	<b>TOTAL SCHEDULE "D "</b>	
	<b>GRANT TOTAL ( SCHEDULE - B+C+D )</b>	
	* GST EXTRA AS APPLICABLE	

ESTIMATE ELECTRICAL WORKS FOR BANK OF BARODA AT SEC-29, NOIDA					
<b>B</b>	<b>SCHEDULE - 'B' (ELECTRICAL WORK)</b>				
SL No	PARTICULARS	UNIT	QTY	RATE	AMOUNT
<b>1</b>	<b>ELECTRICAL WIRING &amp; EARTHING</b>				
1.1	Supply, laying, connection & testing of light, fan point, wiring by 2x1.5mmsq(2x3/.029) + 1x1mmsq PVC insulated, multistrand single core copper conductor FRLS wire maintaining the colour code as per direction in PVC conduit of 20mm with ISI mark 1.5mm thickness to conceal in wall partition mending good the damage, complete with PVC circular box, bend to be done as per drawing including 3 point ceiling rows wherever required GI saddle to be used for fixing, metal flexible/PVC flexible pipe may use if required in partition wall. All PVC pipes should be with ISI mark. No joints will be allowed inside pipe, light, fan & plug point complete with modular type switch plate & MS box. rate Including the main circuit line 2x2.5mmsq+1x1.5mmsq earth PVC insulated Cu. Wire from DB to switch board, maintaining the colour code. Circuit line for lighting switch board & 6Amps plug board are to be drawn from lighting DB to Lighting board & plug point board (independent), 6/16 Amps plug point line are to be drawn from power DB as per DB schedule /SLD				
a)	Primary light points	Nos.	62		
b)	Secondary light points looped from the above point	Nos.	23		
c)	Ceiling fan point with step type electronic regulator	No	2.00		
d)	Same as above, but for exhaust fan excluding regulator.	No	1.00		
e)	Same as above 5A Point in the switchboard itself. (for branch 7 No & ATM 1 No)	No	7.00		
f)	same as above Wiring for call-bell point including buzzer	No	1.00		
g)	Wiring (2x2.5mmsq+1x1.5mmsq from power DBs) for independent 6A multi pin socket along with 6A modular type switches housed in painted MS box (upto 3 independent plug points can be taken in one circuit). For Fan	No	18.00		
1.2	Supply and installation of modular type 2 nos 6A & multi pin sockets with 2 nos 6 Amp one way switch housed in MS box to be fixed in partitions or concealed in wall. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer including wiring for Raw power socket outlet using 2 R runs of 2.50 sqmm and single run of 1.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 20mm PVC conduit to be laid in floor, partitions, etc. complete with all accessories (looping 2 sets of 2x6A socket outlet in one circuit- from DB) (Raw power). for counter	No	22.00		
1.3	Supply and installation modular type 16A, 5-pin socket with 16A one way switch housed in MS box to be fixed in partitions or concealed in wall. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer, the rate shall include wiring using 2R 4.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories (for line printer : or optional).(upto 2 independent plug points can be taken in one circuit)	Nos.	10.00		
1.4	Supply and installation of power supply disconnection arrangement for strong room consisting of 1 no 10A DP MCB housed in manufacturer's powder coated MS box to be fixed inside the strong room and connected with 1 no 3-pin metal clad plug with 2 metre long 3 core 2.5 sqmm PVC insulated flexible copper conductor cable.	Set	1.00		
1.5	<b>Acs electrification :-</b>				
(a)	Supply and fixing 25 Amps 3-pin modular socket with 25 Amp one way switch with indicator (near AC indoor unit) housed in manufacturer's MS powder coated box to be concealed in wall including Wiring using 2R 6.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for cassette unit AC units) - (from Stabilizer to IDU) Supply.	Nos	7.00		
(b)	Supply and fixing 25 Amp - 3 pin metal clad socket with plug controlled by a 25 Amp SP MCB (for AC wall mounted stabilizers) housed in manufacturer's MS powder coated box to be concealed in wall including Wiring using 2R 6.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for cassette AC units) from AC DB to Stabilizer	Nos	7.00		

(c)	Supply and fixing 20A 3-pin modular socket with 20A one way switch with indicator (near AC indoor unit) housed in manufacturers MS powder coated box to be concealed in wall including Wiring using 2R 4.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for split AC units) -(from Stabilizer to IDU)Supply (2 Nos for ATM).	Nos	2.00		
(d)	Supply and fixing 20A - 3 pin metal clad socket with plug controlled by a 20A SP MCB (for Ac wall mounted stabilizers) housed in manufacturers MS powder coated box to be concealed in wall including Wiring using 2R 4.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for split AC units) from AC DB to Stabilizer (2 Nos for ATM)	Nos	2.00		
2	<b>LAYING OF CABLE :</b>				
2.1	Supply laying fixing main power with 50mm sq 3.5 core PVC insulated,PVC sheated Alu.Conductor, 1100 v. grade armoured cable complete with 02 nos 8 SWG bear GI.wire as running earth .( Meter panel to Main Panel & Dgset to Main Panel )	Mts.	15		
2.2	End termination of 50mmsq 3.5 Core armoured cable,complete with brass cable gland , Alu. Lug, PVC tape.	Nos	4		
2.3	- Do - 3.5 x 16 sqmm with 02 nos 8 SWG bear GI.wire as running earth. for Light D.B	Mts	6		
2.4	- Do - 3.5 x 25 sqmmth with 02 nos 8 SWG bear GI.wire as running earth. for POWER & A.C D.B , UPS & ATM	Mts	15		
2.5	- Do - termination of 25 & 16 Sqmm 3.5 Core	Nos	6		
3	<b>Out door type glow sign board wiring :-</b>				
3.1	Supply laying of main line with 2x2.5 +1x1.5 mmsq through MS conduite from main panal to glow sign board.	Mts	20		
3.2	Supply installation of 16 amps DP MCB at main entrance Glow sign board & With Electronic timer as required.	Set	1		
4	<b>EARTHING STATION :</b>				
(i)	Earthing installation as per I.E. rule conforming to IS 3043-1987 or its latest amendent by making earth station with 600x600x3mm(mini-mun) thick copper plate electrode to be installed such that is top edge shall be at a minimum depth of 3.3mts below ground level after preparation of ground with charcoal, sand ,& salt, connecting the 25x3mm thick copper lead in strip (upto 10 mts length) by bolting and brazing to the copper plate complete with Brass bolt of suitable length double nuts & washer including supply & fixing of 50mm dia 2.3Mts long partly nerforated G.I. Pipe with funnel for watering arragment.				
	N.B :- <u>The Copper plate to be buried under 3.3Mts depth from ground level, including C.I. Pit 300x300mm with necessary brick wall ( For UPS earthing).</u>	Set	2		
(ii)	Supply laying 2x8SWG copper bear wire from earth spike to main panal.(Electrolite wire)	Mts	25		
5	<b>MAIN ELECTRICAL DISTRIBUTION</b>				
	<b>Main Panel (wall Mounted Type)</b>				
	Supply, fabricating,assembling,internal- connection, testing & conncting with incomming, out going power cables & lines as required to complete the job of cubical type electrical panal made from 14SWG CRC. M.S. sheet with proper earthing terminal(Nut- bolt &washer) 02 No.outside of panal, same nut- bolt to tighten with internal earth busbar of panal situated inside loose wire box(on top portion of panel) On top side of panel cable entry arragement to be done for incomming & out going of lines. Painting powder coating electrical grey/ seimensgrey to be done.one 6"x4" enamel type 440Volt Danger board to fix up on main panal bus-bar cover, components are as follows :-All switches are front handle operated & all MCB knob should be visual, all component to provide in separate compartment only DBs in one compartment.				
	Incomer - 100A 4P MCCB 25Ka with adjustable thermal & Magnetic trip unit - 1 Nos				
	OUTGOINGS -				



5.1	63 Amps 4 pole MCB. = 04 Nos.(AC & Power DB,ATM ,UPS,spare ) 40 Amp 4 Pole MCB :2 nos (Lighting DB,Spare) 25 Amps DP MCB = 02 Nos.( sign board , Fire Alarm) Amps Meter 0-100 Amps with 3 Nos. CT & selector switch 96x96mm 01 Set (Changeover should be ON-LOAD type.)				
	100Amps 4pole Cu. Bus Bar. 01 Set. 100Amps 4 pole Change over switch. 01 No. 100 Amps FP MCCB 25KA as Gen - Set main incoming 01 NO.				
	Volt meter 0-500volt A.C. 50 Hz.96x96mm with selector switch. AE make.n 01 Set				
	20mm dia LED indicator lamp 06 Nos.				
	02 Amps Sliding Fuse. 06 Set.				
	150x100mm enamel <b>Danger</b> board 440 volt. (to set on bus bar cover). 01 No.				
	Cable entry from top & bottom - removable gland plates (bottom at 2 points) c/w powder coated Grey paint (two coats) with name labels for all incoming & outgoing feeders. The panel shall be complete in all respects including all accessories such as earthing bus, Air ventilators, lifting hooks etc.	Set	1		
5.2	<b>POWER DB &amp; AC DB. Make standard/Legrand/ABB</b>				
	6 way TPN MCB DB with				
	63 TP&N MCB as main				
	16Amps SP MCB - 9 Nos+32AMPS SP X9 NOS. including Neutral Bar. 01 Set	Set	1		
5.3	<b>LIGHTING DB Make standard/Legrand/ABB</b>				
	6 way TPN MCB DB with				
	63A TP&N MCB as main				
	16 Amps SP MCB - 03 Nos.+ 10 Amps SP MCB - 09 Nos.				
	Including Neutral Bar. 01 Set	Set	1		
6	<b>UPS SYSTEM (Branch)</b>				
6.1	<b>UPS Main DB</b> Supply, erection, testing and commissioning of three phase 4 WAY, TPN MCB DB double door type with "C" Curve MCBs, IP 42 powder coated for UPS with 63A 4P MCBs - 1No as INCOMER 32A TP MCBs - 4 Nos. as OUTGOING Including all interconnections & accessories etc MAKE standard/Legrand/ABB	Nos	1		
6.2	<b>UPS DB-1 &amp; 2</b> 12 Way SPN MCB DB with 'C" curve MCBs. <b>Incoming : 2 No. 40A</b> DP MCB <b>Outgoing : 4 Nos</b> 6/10A SPO MCBs Make standard/Legrand/ABB	Nos	2		
	Supply and installation of modular type 3 nos 6A multi pin sockets with 2 nos 6A one way switch with indicator housed in MS box to be fixed in partitions or concealed in wall. The box shall be painted with 2 coats of enamel paint over a coat of red oxide primer including making connections complete the rate inclusive of Supplying and running of 3 runs of 2.5 sq.mm UPS DB's to individual powerstation through .(looping 2 sets of 3X6 A socket outlet in one circuit / or as per SLD the following size of 660 volts grade, Finolex brand PVC insulated wire (For UPS point only).(For B.M. , Server & C.C.) & ATM 1 No. from separate ATM UPS.	Nos	26.00		
	<b>sub total I</b>				
8	<b>ELECTRICAL FITTINGS (S/I/T/C)</b>				
8.1	2' X2' PLUTO NEO PANEL 4000K, CAT NO. LHEWEJP6PL 1W034, <b>PHILIPS/WIPRO MAKE (ATM 2 No)</b>	Nos.	31		
8.2	DOWNLIGHTER - INTEGRA 15W, 3000K, LHEBGTP5Z1W015, <b>PHILIPS/WIPRO MAKE (ATM 2NOS)</b>	Nos.	45		
8.3	TUBELIGHT - TITANIA SLEEK NEW T5 LED TUBELIGHT 18W, LHLDCNVENL8Z018, <b>PHILIPS/WIPRO MAKE. ATM 1 No</b>	Nos	8		
8.4	HANGING LIGHT - LHECDOL5PW1W040 (40WATTS), <b>PHILIPS/WIPRO MAKE</b>	NOS.	0		
8.5	225 mm dia Heavy Duty Exhaust fan 230 voltA.C.( <b>Havells / Crompton make</b> ).(UPS & Toilet)	Nos	1		

8.6	Wall mountaing fan 400 mm dia 230 volt A.C. <b>PHILIPS/WIPRO MAKE</b>	Nos.	18		
8.7	36" CEILING FAN WHITE COLOUR(ORIENT/KHAITAN).(UPS,Strong room & Store room)	Nos.	2		
	<b>SUB TOTAL</b>				
	<b>TOTAL FOR ELECTRICAL WORK (B)</b>				
	* GST EXTRA AS APPLICABLE				

ESTIMATE LAN & TELEPHONE WORKS FOR BANK OF BARODA AT SEC-29, NOIDA					
<b>C</b>	<b>SCHEDULE - 'C' (LAN &amp; TELEPHONE WORK)</b>				
<b>S.NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY.</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>1.0</b>	<b>TELEPHONE SYSTEM</b>				
<b>1.1</b>	Wiring for telephone points with 2 pair 4/5 pair .51mm dia ATC ( annealed tinned Cu wire) with PVC insulated PVC sheathed telephone cable from tag block to the point including providing ferrules at both ends and termination at both ends including providing & fixing RJ 11 outlet, faceplate and mounting box complete of modular type 9 where 2 such points are shown, 2 such wires shall be provided) This work includes providing PVC conduits in chases from the raceway to the point. ( 1 each for branch manager, C.C. P. officer & Clerck).	<b>Nos.</b>	<b>15</b>		
<b>1.2</b>	Supplying, laying effecting terminations, testing and commisioning of 0.51mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit includinig providing & fixing conduit pipe or cable tray as required from building tag block to the floor as required				
<b>1.3</b>	1 X 10 pair armoured cable from telephone connection in the premises to the crone box.	<b>rmt</b>	<b>135</b>		
<b>1.4</b>	Supplying & fixing 20 pair krone tag block with enclosure.	<b>Nos.</b>	<b>2</b>		
<b>2.0</b>	<b>DATA SYSTEM - CONDUITING &amp; CABLING</b>				
<b>2.1</b>	providing and laying UTP Cat 6 data cable for nodes through 25mm dia PVC conduit through floor, wall and partitions etc including all necessary materials from main Hub to building tag block(BSNL) & Branch to ATM	<b>rmt</b>	<b>350</b>		
<b>2.2</b>	Wiring for computer networking from I/O hub to computer workstation with UTP Cat-6 computer cable including providing ferrules at both ends and termination at both ends including providing & fixing frame for with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes providing PVC conduits ( 1/2", 3/4" size or as required0 in chases from the I/O hub to the point. The cost includes testing, commisioning etc complete. Note : Do not run more than 3 wire in single pipe & should be concealed. ( 2Nos of ATM)	<b>Nos.</b>	<b>22</b>		
<b>2.3</b>	Supply of Cat - 6 D-Link patch cord 7' 0" (ATM 1No)	<b>Nos.</b>	<b>22</b>		
<b>2.4</b>	Supply of Cat - 6 D-Link patch cord 3' 0" (ATM 1No)	<b>Nos.</b>	<b>22</b>		
<b>2.5</b>	Supply & fixing 24 Port Jack Panel Make:-D-Link	<b>Nos.</b>	<b>1</b>		
<b>2.6</b>	19" Rack 9U with Glass Door , Locking system Make: APW	<b>Nos.</b>	<b>1</b>		
<b>2.7</b>	24PORT 10/100Mbps Switch	<b>Nos.</b>	<b>1</b>		
	<b>GRAND TOTAL FOR LAN &amp; TELEPHONE (D)</b>				
	* GST EXTRA AS APPLICABLE				

**ESTIMATE AC WORKS FOR BANK OF BARODA AT SEC-29, NOIDA**

<b>D</b>	<b>SCHEDULE - 'D' (AC WORK)</b>				
<b>S.NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY.</b>	<b>RATE</b>	<b>AMOUNT</b>
	<b>AC WORK</b>				
<b>1</b>	Air cooled Hi Wall Split AC Units Comprising Of: Supply , installation & commisioning of aircooled split AC complete with indoor & outdoor . <b>copper coil for IDU &amp; ODU Only</b> unit with cordless remote control as required(Copper Coil for IDU & ODU)				
<b>(I)</b>	5-Star rated Hi-wall inverter technology spilt air conditioner of 2.0 TR Capacity <b><u>(Make - Blue Star.Hitachi . Voltas).</u></b>	<b>NO</b>	<b>3</b>		
<b>(II)</b>	5-Star rated Hi-wall inverter technology spilt air conditioner of 1.5 TR Capacity <b><u>(Make - Blue Star.Hitachi . Voltas).</u></b>	<b>NO</b>	<b>0</b>		
<b>(III)</b>	5-Star rated Hi-wall inverter technology spilt air conditioner of 1.0 TR Capacity <b><u>(Make - Blue Star.Hitachi . Voltas).</u></b>	<b>NO</b>	<b>2</b>		
	<b>Note :- Rate including copper pipe free 5 rmt with 12mm thick insulation &amp; 25 HDPE condensate pipe with insulation . Size of the Copper pipe &amp; Gauge as per the Manufacturer standared for 1,tr,1.5 tr, &amp; 2 Tr.</b>				
<b>2</b>	<b>Supply installation testing &amp; comisioning of Voltage Stabilizer of approved make</b> 5KVA for 2.0 Tr Hi-wall Split/Cassette type 4 KVA for 1.5/1.0 Tr Hi-Wall Split Note: All voltage stabilizer is sufficient for A.C.should have time delay facility.	<b>NO</b> <b>NO</b>	<b>3</b> <b>2</b>		
<b>3</b>	<b>Additional Copper Refrigerant Piping :</b> Installation & commissioning of Soft copper piping with 12 mm thick niotrle rubber insulation complete fitting & insulation	<b>RMT</b>	<b>135</b>		
<b>4</b>	<b>Drain Piping</b> Hard PVC insulated drain water piping wprk of size 25 mm with 12 mm thicjk nitilr rubmmer insulation. dia with complete fitting Etc.	<b>RMT</b>	<b>135</b>		
<b>5</b>	<b>Frame Work</b> Providing and fixing standard powder coated support brackets & including grille gauge of 20mm square at 100mm c/c spacing with locking arrangemnet for the above split / cassette units including fasteners and other accessories as required.	<b>NO</b>	<b>5</b>		
<b>6</b>	SITC of power and control cables for interconnecting indoor and outdoor units 6 Sq.mm cable (Size may be vary according to the manufacturer)	<b>RMT</b>	<b>135</b>		
<b>7</b>	<b>Providing and fixing timer switch</b> for switching power alternatively between two A/C, timer will be analogue dial type adjustable TIMER switch which is adjustable over 24hrs. With 15 minutes intervals and is to have 1NO+1NC (20A) contact. Timer will have its own backup battery and will be enclosed in 16gauge MS Box with acrylic lid together with suitable connector block. (ABB/MDS/L&T)	<b>NOS</b>	<b>1</b>		

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
8	Removing, Repairing & Refixing Old Split IDU & ODU & STABLIZER & MS FRAME from existing location to proposed location. It include nessesary repair & filling coolent gas as required as per direction given by Architect. It also include concealing old copper pipe & drain pipe to drain point as per instruction.	NOS	4		
	GRAND TOTAL FOR AC (D)				

GST EXTRA AS PER APPLICABLE\*