

	<p style="text-align: right;">Mohit & Associates. Architects, Interiors .Estimators . L-2/554-, Vineet Khand, Gomti Nagar, Lucknow. Phone.7428217659,9582218092 E-Mail: mohitg.gupta2783@gmail.com</p>	
SUMMARY FOR INTERIOR REFURNISHING WORK FOR NANITAL BANK BRANCH AT KANKER KHERA ,MEERUT(UP)		
S.NO	DESCRIPTION	AMT (Rs.)
A	SCHEDULE - 'A' (FURNISHING WORK)	
B	SCHEDULE - 'B' (ELECTRICAL WORK)	
C	SCHEDULE - 'C' (DATA CABLING WORK)	
D	SCHEDULE - 'D' (AIR CONDITION WORK)	
	TOTAL SCHEDULE A+B+C+D =	
	IF ANY DISCOUNT	
	DISCOUNT AMOUNT	
	GRAND TOTAL	
	NOTE :- GST (WCT) TAX WILL BE EXTRA.	
	Contractor Signature & Seal	
GST No:-		

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B.O.Q OF FURNISHING WORK OF NANITAL BANK BRANCH AT KANKER KHERA ,MEERUT(UP)					
A	SCHEDULE - 'A' (FURNISHING WORK)				
S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
1	SUSPENDE FALSE CEILING				
1.1	FALSE CEILING (GYPSUM BAORD)				
	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 at1220mm 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.	Sq.Ft.	490.00		
	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) .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 for the drops.				
1.2	FALSE CEILING (ARMSTRONG CEILINGS – FINE FISSURED				
	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 >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) .	Sq.Ft.	483.00		
1a	PARTITIONS WORK				
1.1a	FULL HEIGHT SOLID PARTITION / DOOR / UPS / FLAP DOOR	Sq.Ft.	160.00		

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	Full ht. Solid Partition including flush door & strong room partition up to 7' only WITH LOUVRE :- 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 & vertically at max distance of 2'-0" x 2'-0" center to center. Fixing 6 mm thick commercial ply on both sides with 1.0mm thick laminate on top of approved shade with groove pattern as per instructions of Architect. The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing & 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 beech 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 & 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 instructions Bank.				
	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 rigidly secured to floor, bottom of slab & existing walls at 2'-0" c/c with dash fasteners.				
1.2a	7' Height partition in Cash cabin	Sq.Ft.	70.00		
	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 melamine polished. Item includes frosted/striped/designer glass film of 3m, Avery Dennison or equivalent (basic rate of Film Rs. 50/ Sq.ft.) on existing glass as per manufacturer's specifications. All as per the design and instruction Bank.				
1.2aa	Full height Glazed partition Manager Cabin	Sq.Ft.	160.00		
	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 melamine polished. Item includes frosted/striped/designer glass film of 3m, Avery Dennison or equivalent (basic rate of Film Rs. 50/ Sq.ft.) on existing glass as per manufacturer's specifications. All as per the design and instruction Bank.				
1.3a	Low Height Semi Glazed Partition Counter	Sq.Ft.	65.00		
	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 melamine polished moulding. 38mm thick flush door: wicket gate also shall be included for a measurement. All as per the design and instruction bank.				
1.4a	Front Glazing cash cabin	Sq.Ft.	15.00		
	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).				
2	DOOR & ACCESSORIES				
2.1	Main Entrance Door PT Door	Sq.Ft.	25.00		

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	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 brushed 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.				
2.2	Main Entrance Fixed PT Glazing	Sq.Ft.	60.00		
	Providing and fixing toughend glass partition of 12mm thickness with stainless steel patch fittings of approved make (DORMA/ DLINE / GEZE or approved equivalent 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. All complete as per approval of the Architect.				
2.3	Supplying and fixing of Dorma/GEZE Dline / Hardwyn/Godrej or approved equivalent Door Closer for wooden door for Cashier .	Nos	4.00		
2.4	Supplying and fixing of mortice door lock of hardwyn make HML-480 Lock Body 304 Stainless Stell. (Cash cabin shall be Godrej Night latch.	Nos	3.00		
2.5	Supplying and fixing of door stopper SS Grade 304, HESSF-2C hardwyn make.	Nos	4.00		
3	WORKING COUNTER				
3.1	CASH COUNTERS	Rft.	5.00		
	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 shall be finished with 1.0mm thick laminate of approved shade and colour with approved adhesive to 19 mm thick commercial ply top. Edges of 18" wide counter shall be finished with 1.0mm thick laminate of approved shade and colour. Lower tier shall be made of 19 mm thick ply wood finished in 1 mm thick laminate. Exposed edge having steam beech wood edging of size 1 ½" x 1". Vertical face shall have 19mm thick ply wood 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 commercial ply 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 wood sealed with Steam beech wood beading of size ¼" x ¾". All beading and exposed wood shall be melamine polished and used 0.8 mm white laminate in internal surface . 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 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.				
3.2	RUNNING COUNTER (Staff counter & Server Counter)	Rft.	113.80		
	Providing and fixing staff counter/SWO @ 2'-6" (750 mm) shall be made of 19mm thick ply wood and finished in 1 mm thick laminate. Working top having steam beech wood edging of size 1 ½" x 1". Vertical face shall have 19 mm thick commercial ply over pine wood framework as per requirement of design. All exposed edges of ply wood sealed with Steam beech wood beading of size ¼" x ¾". All exposed surfaces shall be finished with 1.0mm thick laminate of approved shade.				

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	The item includes Chest of drawers (size 1'-4" x 2'-0" x 2'- 5") made of 19mm thick commercial ply wood having One drawers at top and a storage cabinet below having shutters of 19mm thick ply wood 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 used 0.8 mm white laminate in internal surface . 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.				
4	TABLE & FURNITURE				
4.1	MANAGER TABLE (Size:- 5'-0" x 2'-6") ht. 2'-6"	Nos	1.00		
	Providing and fixing tables made out of 19 mm thick commercial ply over hard wood frame work finished with 1 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 wood 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 wood with 1.0 mm laminate finish in the front , and bottom to be made out of 6mm plywood and it should play in drawer sliding telescopic channels. The inside of the drawer to be used 0.8 mm laminate & 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 wood 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 .				
	(including 12 mm thick glass on top of table)				
5	STORAGE & SIDE UNIT				
5.1	Side Unit				
	Providing and fixing Side Unit/ Back unit 400 mm depth made out of 19mm ply wood finished with 1.0mm laminate in all exposed areas and top shall be 1 mm thick . The drawers to be made out of 19mm commercial plywood 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 commercial ply 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 used 0.8 mm white laminate . All the exposed edges of the boards/ply woods to be coverd with woden lippings/mouldings duly polished all complete. The work to be completed as per approval and specification of the Architect.	NO	1.00		
5.2	Storage	Sq.Ft.	100.00		

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	Providing and fixing Full /Low height Cabiner 600 mm deep made out of 19mm thk plywood finished with 1.0mm laminate in all exposed areas . The Shutter to be made out of 19mm ply wood in the front cladded with 1.0mm laminate(color, vertical grain) . and bottom made out of 6mm plywood duly painted in matching tone and shelves 19mm thk comm ply wood to fixed inside storage. The shutters to be made out of 19mm ply wood . 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 used 0.8 mm white laminate in internal finish . All the exposed edeges of the boards/plywoods to be coverd with wooden lippings/mouldings duly polished all complete.All as per the design and instructions Bank.				
6	OTHER MISCELLANEOUS ITEMS				
6.1	PIN UP / NOTICE BOARD				
	Providing and fixing soft board with necessary framework with 12mm BWR plywood 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.	NO	1.00		
6.2	WRITING LEDGER & Cheque & sugestion box	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 comm. ply 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.				
6.3	WOODEN / WALL COLUMN PANNELLING UP TO CEILING HEIGHT	Sq.Ft.	315.00		
	Fabricating and fixing wall/column paneling, the framing shall made out of aluminium hollow section of 65mm x 37mm size 1.5mm 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.				
6.4	Main Electrical Panel Cabinet	Sq.Ft.	35.00		
	Providing and fixing of DB Shuttering formed of 12mm thk plywood wood 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.				
6.5	Customer Table - (4'-0" X 2'-6")	No	1.00		
	Providing and making a table of over all size of top as mentioned above. It shall consist of ¾" thk. Comm. Ply top as per design (double edge on outer edge with 1 1/2" thk half moulding on the edges) supported on ¾" thk. Comm. Ply verticals.supported on wooden base (as designed by the architect). Suitable wooden moulding as architect design with mellamine shall be provided to the edge of the top. All external surfaces to be finished in 1 mm laminate.				
6.7	Shutter Boxing & Front façade wall panneling				

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	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 equi-valent 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) & orange 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).	SQ.FT	150.00		
6.8	ROLLING/ VERTICAL BLINDS	Sq.Ft.	50.00		
	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 Dogulus)				
	GRAND TOTAL FOR FURNISHING (A)				
	* GST EXTRA AS APPLICABLE				

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BILL OF QUANTITY FOR ELECTRICAL WORKS					
OF NANITAL BANK BRANCH AT KANKER KHERA ,MEERUT(UP)					
S.No.	Particulars	Unit	Qty.	Rate	Amt
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 draw from power DB.as per DB schedule /SLD				
a)	1 light by 1 switch	Nos.	13		
b)	2 light by 1 switch	Nos.	17		
e)	Ceiling fan point with step type electronic regulator	No	2.00		
f)	Same as above, but for exhaust fan excluding regulator.	No	3.00		
g)	Same as above 5A Point in the switchboard itself.	No	6.00		
h)	same as above Wiring for call-bell point including buzzer	No	1.00		
i)	Wiring (2x2.5mmsq+1x1.5mmsq from power DBs) for independant 6A multi pin socket at walls along with 6A modular type switches board housed in painted MS box (upto 3 independent plug points can be taken in one circuit). For wall Fan	No	8.00		
2.0	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	Each	6		
3	Strong room controlling DP MCB at entry gate out side of strong room - Circuit wiring with 2x2.5sq.mm + 1x 1.0sq.mm stranded Cu. conductor (Finolex/Anchor/Skytone) to be laid in 19mm M S conduit pipe heavy duty 16swg laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The electric wiring should be arranged separately for the Strong Room and it is to be connected to a plug outside. The job also includes supply & fixing of 32A DP MCB in 2way box including connections with lugs. The rate should include the cost of all materials, labour, T&P, taxes & levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. The job shall be complete & to the entire satisfaction of the Bank.	Job	1		

5	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 fusing 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) C.C :1No. BM.;1 No.: Alternative counter 2No + Banking Hall 1 No+ Pantry 1No)	Each	5		
	B - AIR CONDITIONING				
1	AC POWER PLUG POINT Supply and Installation of 15A modular type socket separately controlled by 32A Modular type DP indicator switch with suitable metallic box for the local control of the Split AC including Wiring using 2x4Sq.mm along with 1x2.5 Sq.mm pvc insulated copper wire through 20mm PVC (ISI- H) conduit.	Job	4		
	C - UPS				
1	S/laying of 4 core 10 sq.mm PVC armoured Aluminium conductor cable from main Panel to 4way TPN Db in the UPS room to be laid in 25/32mm heavy duty PVC conduit/ pipe & run on surface or concealed in wall/ floor/ flase ceiling. (Finolex/Skytone/ Cable corpn.)	m	35		
2	Supply & fixing flush type Single door IP20 4way TPN distribution board for regulating UPS supply complete with 63A TP MCB as incomer & 2nos. 32A DP MCB as outgoing (Assumed 2nos. 5Kva UPS - one Hot & one Sb.)	Each	1		
3	Supply & laying of incoming & outgoing wiring to & from UPS with 2x 4.0sq.mm + 1x 1.5sq.mm (earthing) stranded Cu. wire conductor (Finolex/Anchor/Skytone) to be laid in 20/25 mm flexible PVC pipe heavy duty to UPS incoming & from UPS outgoing to DP MCB in 16way SPN Db.	m	20		
4	Supply & fixing of 12way SPN Db flush type single door IP 20 - MDS/ Hagers/ Siemens complete as under	Each	1		
	Incoming - 32A DP MCB - 1Nos.				
	6Nos. - SP 6/10A MCB of 10ka rating (MDS/ Hagers/ Siemens/ ABB)				
5	Supply & fixing of 4nos. 6A switches & sockets (Modular)complete with computer point circuit wiring with 2x2.5sq.mm + 1x 1sq.mm stranded Cu. Single core Copper conductor (Finolex/Anchor/RPG) to be laid in 19mm M S conduit pipe heavy duty 16swg or 1" PVC casing caping vertical drops heavy duty laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. 2 Nodes per circuit	Per Node	6		
	D - DISTRIBUTION MAINS				
1	SITC of 100A Kit kats fuse unit 3nos in wooden patra complete with 100Amp. Neutral link complete in all respect as required.	Set	1		
	1 No for Metre				
	1 no for Panel to Outer Side Of Wall (For Generator Connection)				

2	Designing, fabrication, supply, installation, testing and commissioning of front operated cubicle type compartmentalized, front access, free standing on 75MM "I" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) lockable doors having structural reinforcement including 3mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 no's earth terminals, 2 no's 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc. as per specifications as required. Main panel board of approved make (Should be CPRI Approved, Type of Approval as instructed by the concerned office in charge).	Set	1		
	As per the following specifications, (Part IV - Substation) and IS: 8623 comprising of followings panel mounting switchgears etc. as required, should be CPRI Approved. IS: 8623 comprising of followings panel mounting switchgears etc. as required, should be CPRI Approved. Note: Type of CPRI testing shall be as per Architect/ Bank's instructions. All switchgears shall have provision for entry of cables from the top or bottom through Cable Alley.				
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The bus bars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and bus bar supports shall be used. Padlocking facility shall be provided on all outgoing feeders' doors and switch handles shall be lockable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables. All KA values indicated shall be ICS breaking capacity.				
	GA drawings shall be got approved by concerned office in charge.				
	FLOOR PANEL				
	INCOMER				
	1 no. 100 Amp 4P On Load Change over switch with 1 No. 100 Amps, TPN MCCB (25 KA) with extendable rotary handle each thermal over current, instantaneous, Short circuit release, Earth fault.				
	BUSBARS				
	125 amps TPN pole bus bar chamber of suitable length with copper bus bars. All bus bars and interconnections shall be of suitable size copper strips.				
	INDICATING PANEL				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. Current Transformers of 125/5A ratio, 15 VA Class-1.0 metering. - 1 sets.				
	Red/Green/Amber ON/ OFF/ TRIP indicating lamps with 2A SP MCB backup protection				
	1 set of three phase indicating lamps along with 2A SP MCB backup protection.				

	Restricted Earth fault relay with 3 Nos. current transformers of 125/5 ratio, 15 VA Class 5P 10				
	(Numeric Relay not required.)				
	Under voltage, Overvoltage & phase reversal relay for persisted voltage of 105-180% & 20-95% of rated voltage (Numeric Relay not required).				
	OUTGOINGS:-				
	2 Nos 40 A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For Light DB & Spare)				
	3 Nos 40 A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars.				
	2 Nos 63 A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (for AC and Power DB)				
	The electrical panel as described above and specifications complete.				
3	Main cabling work from fuse Kit kats to Panel: Supply, laying, testing & commissioning of 4c x 16sq. mm XLPE insulated Aluminium conductor armoured cables from 100A link type fuse kit kats to the incoming of the main Panel including effecting proper connections with lugs, The armouring should be connected at both ends properly with Panel body and TPN Db body. The cable should be laid on surface with proper clamps or laid & concealed in wall/ floor/ paneling/ false ceiling complete in all respect. The work also includes cutting chases for conduits in the wall/ floor (Without damaging the building) along with clamping the cable at every 450mm interval & finally finishing the surface & matching the same with the existing surface. The rate should include the cost of all materials, labour, T&P, taxes, levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc. The job shall be complete & to the entire satisfaction of the Bank/Architect.	m	5		
4	S/ laying of XLPE insulated armoured Al. Conductor cable including cost of lugs, cable glands etc.				
	4c x 10sq.mm for 4way TPN Db for PP Db	m	15		
5	LIGHT DB				
A	Supply, installtion, testing & commissioning of flush mounted 4way TPN distribution boards double door IP -42 for PP complete in all respects as under - Siemens/ MDS/ Hagers	Each	1		
	Incomer - 63A TP MCB 10 KA Rating - (Siemens/ MDS/ Hagers/ Schnider) neutral to be directly connected to neutral bus				
	Outgoing				
	R - 16/ 16/16A				
	Y - 16/ 16A				
	B - 16/ 16A				
	Blanking Plates - 5nos.				
B	AC DB : Supply, Installation, testing and commissioning of wheather proof 4 Way double door TPN DB of approved make with all necessary inter connections consisting of the following for AC load. Each terminals on MCB should be connected with Aluminium Leg				
	Incoming : 63A 4P RCCB (300mA) -1 No.				
	Outgoings: 20 A SP MCB -2Nos. (1TR AC)				
	32 A SP MCB -4Nos. (1.5TR AC)	Each	1		
	F- EARTHING				

1	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copperbonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-toConductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Job	2		
2	Supplying, laying & fixing of 10 sq mm. copper pvc insulated wire covered with GI pipes from earthing plate to main panel.if required beyond 10m	Per M.	35		
G - SUPPLY & FIXING ITEMS					
1.0	Supply and Installation Recess mounted 2'-0"X2'-0" watt ,38 W LED FULL GLOW Philips MAKE . Light should be fixed through SS threaded bolt tighted the upper end on ceiling using anchor bolt and lower end on Light fitting with nut and bolt (RC380B G2 LED35S-6500/4000 PSU OD WH)PHILIPS/WIPRO MAKE (ATM 2 No)	Nos.	12		
2.0	SQUARE SHAPE DOWNLIGHTER - INTEGRA 15W, 3000K, LHEBGP5Z1W015, PHILIPS Razor/WIPRO MAKE (ATM 2NOS)	Nos.	31		
3	S/F 4ft 36 w Led Tube light fitting - Phillips ,WIPRO make approved by Bank/ Architect	Each	3		
4	S/F of angle holder for bulbs including cost of 15 w led lamp	Each	3		
5	S/F of Meta body wall mounted fan 400mm sweep -Bajaj/ Crompton/ Alsthom	Each	8		
6	Supplying & Fixing 1200mm dia Ceiling Fans usha Model Senator Max colour specified by the bank with all necessary fitting like U hook,Rod for hanging, length as/site required.	Each	2		
7	Supply & Fixing of Exhaust fresh air fan 300mm - Crompton Greaves/ Usha/ Khaitan/ Bajaj	Each	2		
Total Cost of works					
* GST EXTRA AS APPLICABLE					
Note - 1) All electrical items body earthing connections to be made properly & checked throughly.					
2) All cable connections to be properly terminated thru lugs.					
LIST OF APPROVED MAKES/ BRANDS					
S. No	Description	Approved make			
1	Electrical Fittings	Philips/Wipro/havils/crompton			
2	Electrical Switches	MK India/ North West			
3	Electrical Conduits(FLRS)	Setia/ AKG			
4	Fans	Crompton/ Equivalent			
5	Electrical Wiring(FLRS)	Anchor/ Skytone/ Finolex			
Note					
1	Any Other materials to be Got Approved by the Architect				
2	In General CPWD & IS Specifications to be followed				

TENDER
FOR NANITAL BANK BRANCH AT KANKER KHERA ,MEERUT(UP)

A	DATA CABLING WORK				
S.No.	DESCRIPTION	QTY	UNIT	RATE	TOTAL
				(In Rs)	(In Rs)
2.2	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 required) in chases from the I/O hub to the point. The cost includes testing, commissioning etc complete. Note : Do not run more than 3 wire in single pipe & should be concealed	Nos.	6		
2.3	Supply of Cat - 6 D-Link patch cord 7' 0"	Nos.	6		
2.4	Supply of Cat - 6 D-Link patch cord 3' 0"	Nos.	6		
2.5	Supply & fixing 24 Port Jack Panel Make:-D-Link	Nos.	1		
2.6	9U Rack with Glass Door , Locking system Make: APW	Nos.	1		
2.7	24PORT 10/100Mbps Switch	Nos.	1		
	TOTAL				
	* GST EXTRA AS APPLICABLE				

TENDER
FOR NANITAL BANK BRANCH AT KANKER KHERA ,MEERUT(UP)

D- AIR CONDITIONING WORK					
S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMT
	(AIR CONDITIONING WORK)				
1	Supplying, installation,testing and commissioning of 3-Star rated as per 2024 version Hi-wall split airconditioner of following capacity with On Off Timer along with wireless remote controller including providing and laying the standard length of 5 m copper, electrical and 25mm dia heavy duty PVC drain piping with all necessary fittings duly insulated with 9mm thick nitrile rubber pipe insulation including Initial refrigerant charge suitable for 5 Mtrs distance between IDU and ODU along with drilling the holes and packing and making good the damaged surfaces good comprising and 5 mtr Condensate drain pipe as specified spec of the following:- i) Indoor unit consisting of evaporator coil, blower fan with motor, filters, insulated drain pan control panel with cabling between control panels and units etc ii) Outdoor unit consisting of hermetically sealed Rotary Compressor to operate on 230 V, Single Phase, 50 Hz AC Supply, Anti Corrosive Coated Condensor Coil with fan and motor, interconnecting refrigeration piping, starters/controls/cutouts/relays etc., mounted inside a powder coated sheet metal cabinet duly treated for corrosion protection.the rate included interconnecting cable from indoor unit to outdoor unit (APPROVED BRAND :DAIKIN,BLUE STAR,CARRIER,HITTACHI,O GENERAL)				
B	3-Star rated Hi-wall split airconditioner of 1.5 TR capacity*blue Star/Hitachi/Carrier	Each	4		
C	3-Star rated Hi-wall split airconditioner of 1.0 TR capacity	Each	0		
2	Charges for providing additional copper pipes (one circuit) for the above split units with necessary insulation and with adequate pvc insulated copper wire from indoor to outdoor units concealed and taken through beyond the standard 5 mtr length.	Rmt	40		
3	Charges for providing additional 25 mm dia heavy duty PVC drain piping with all necessary fittings duly insulated with 9mm thick nitrile rubber pipe insulation drain pipe concealed / surface mounted and taken through wall / partition beyond the standard 5m length for the above split units.	Rmt	45		
4	Supply, installation, testing and commissioning of wall mounting 4KVA stabilizers for 1.5Tr & 1.0Tr Hi-Wall Split Air Conditioning units with input voltage range of 170-270 Volts and output 220 +/- 10% as required.	Each	4		
6	Providing and fixing standard powder coated support brackets & including grille gauge with locking arrangemnet for the above split / cassette units including fasteners and other accessories as required.				
a	For split air conditioner	Each	4		
	TOTAL				
NOTE :- GST TAX WILL BE EXTRA.					