

SCHEDULE INTERIOR & ELECTRICAL WORKS FOR CANARA BANK AT EXISTING PREMISES OF MANNARPOLURU BRANCH					
S.NO.	DESCRIPTION	UNIT	QTY.	RATE (Excl.GST)	AMOUNT (Excl.GST)
A	SCHEDULE - 'A' (FURNISHING WORK)				
1	SUSPENDED FALSE CEILING				
1.2	FALSE CEILING (ARMSTRONG CEILINGS – FINE FISSURED MICROLOOK EDGE WITH SILHOUETTE GRID (BLACK REVEAL)	Sq.Ft.	500		
	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 600mm 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) the grid surface having 3 Fine Fissured coats of white. The back of formed grid tile should have filled with sand and polished with one layer protective paint. (Branch & ATM)				
2	PARTITIONS WORK				
2.1	FULL HEIGHT SOLID PARTITION(Record Room, Strong Room)	Sq.Ft.	138		
	Full height Solid Partition including flush door & strong room partition up to 7' only :- Providing and fixing solid partition the outer framing shall made out of aluminium hollow section of 65mm x 37mm size 1.0 mm thick of JINDAL / INDAL and Internal frame structure will placed at max distance of 2'-0" x 2'-0" center to center horizontally and vertically. Fix 12 mm thick External Grade HDHMR MDF with 1.0mm thick laminate top on both sides with approved shade in groove pattern as per instructions of architect. The rate will 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 beach wood should be finished with melamine polish if required, Frame should be properly fixed to the Floor, Vertical members should be firmly to the Slab and side wall available, frame work above false ceiling done shall not be measured but contractor may factor it while quoting there rates as measurement shall be taken 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 steem 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 door should have a automatic door closer, door stopper, SS Handle and lock of the approved make. The shade of laminate finish to be got approved from Bank. MDF wherever mentioned Must be External Grade HDHMR MDF AND IS 12406, MARKED ISI.The minimum density should be greater than 750 kg/m ³ . All as per the design and instructions of Bank.				
	Note :- For the purpose of payment partition shall be measured including the area of door/door frames up to false ceiling height only.				
	Framework shall be regidly secured to floor, bottom of slab & existing walls at 2'-0" c/c with dash fasteners. Contractor may factor it while quoting the rates.				
2.3	Partition with one side laminate & other with Cement Board (UPS room side)	Sq.Ft.	154		
	As of the above, the skin of the partition shall be made out of 10mm thick cement fiber board and finished with 2 coats of ivory white enamel paint after application of PUTTY on the internal side (not visible from the customer lobby) and with 12 mm thick External Grade HDHMR MDF with 1mm thick laminate of approved shade and scheme on the customer side (visible to customers). The rate quoted must be inclusive of the providing one pane door for UPS room (Size - 7'-0" x 2'-9") & 2 panes door (Size-7'-0" x 2'-0" for electrical panel) or door sizes as per site requirements in combination of 6mm thk cement fibre board and 19mm thick approved block board pasted / screwed together to form a single entity and finished as per matching scheme. The block board shall be on the outer side and shall be pasted with 1.0 mm thick matt laminate along with matching skirting & top bands as per bank's scheme and the cement fiber side of the door shall be on the inside with 2 coats ivory white enamel paint over a coat of primer. All the painted areas and gaps etc should be properly finished with putty for smooth finish. Exposed edge of door thickness shall be finished with teakwood lipping & melamine polish. All the doors should have proper SS handles and locking system. The doors used for the electrical panel boards should have ss grills min 4 nos for the proper ventilation and passage of air.				

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2.4	Full Height Partially Glazed partition (BM Cabin, Discussion Room & Cash Cabin upto 7'Height, Main Entrance Doors and partitions of Branch and ATM)	Sq.Ft.	351		
	Same as of Solid ht partition , providing 8mm thick toughened glass (Modi/saint Gobin) 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 malamine 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 of Bank.				
	For the Main Entrance doors and Partitions of the Branch and ATM, the majority of the portion should be glazed only with the door frame as per the same specification as above.				
2.5	Low. Height Semi Glazed Partition	Sq.Ft.	24		
	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 malamine polished moulding. 38mm thick flush door: wicket gate also shall be included for a measurement. All as per the design and instruction of bank engineer/architect. 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 of Bank.				
2.6	Glazed Partition(Counter Front Glass)	Sq.Ft.	42		
	Providing & fixing 10mm thick toughened clear 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 including the lock for glass opening during close of cash etc). 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 of Bank.				
2.7	ACP WALL PANELLING (ATM)	Sq.Ft.	189		
	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) & 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 providing additional framing. (The measurement shall be made up to falseceiling).				

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4	WORKING COUNTER				
4.1	CASH/STAFF COUNTERS	Rft.	5.0		
	Providing and fixing Chief Cash Counter in split-levels @ 2'-6" (height 750mm) & 18" (1140mm) with 2'-9" & 15" wide each respectively. Each Upper and Lower tier shall be made of 25 mm thick External Grade HDHMR MDF finished in 1.0mm thick laminate. Exposed edge having steam beech wood edging of size 1 1/2" x 1". Vertical face shall have 25 mm thick External Grade HDHMR MDF 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 18 mm thick External Grade HDHMR MDF Board 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 BWR Plywood 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 complete.				
4.2	RUNNING COUNTER	Rft.	11		
	Providing and fixing staff counter/SWO in split-levels @ 2'-6" (750 mm) & 3'1" with 2'-6" (750 mm) & 9" wide each respectively . Each Upper and Lower tier shall be made of 25 mm thick External Grade HDHMR MDF Board and finished in 1.0mm thick laminate. Working top having steam beech wood edging of size 1 1/2" x 1". Vertical face shall have 18 mm thick External Grade HDHMR MDF Board pine wood framework as per requirement of design. All exposed edges of HDHMR MDF 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 18 mm thick External Grade HDHMR MDF Board having One drawers at top and a storage cabinet below having shutters of 18 mm thick External Grade HDHMR MDF 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 readymade metal powder coated CPU trolley, grommet, foot rest for each seat. 12mm thk plain glass on table top as per shape with hole /cutting for wire manager should be provided. The glass should cover the length of the table. 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.				
4.3	Providing and Fixing 2' wide running plank / dining ledge made up of 25 mm thick External Grade HDHMR MDF Board finished with 1mm thick laminate of bank approved colour with good finishing complete with necessary plywood support with atleast one support for every 2.5' to 3' and continous foot rest as per standard quality similar to counters with all required material, labour etc and as directed by the bank / architect, complete for the finished item of work	Rft.	9		

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5	TABLE & FURNITURE				
5.1	MANAGER TABLE (Size:- 6'-0" x 3'-0") ht. 2'-6"	Nos	1		
	Providing and fixing tables made out of 25 mm thick External Grade HDHMR MDF Board hard wood frame work finished with 1.0mm thick laminate of approved shade. Top having steam beech wood edging of size 2" x 1 3/4" finished with 25 mm thick External Grade HDHMR MDF 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 18 mm thick External Grade HDHMR MDF Board with 1.0 mm laminate finish in the front , and bottom to be made out of 18 mm thick External Grade HDHMR MDF Board and it should play in drawer sliding telescopic channels. The inside of the drawer to be duly paint & Table back side will 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 BWR Plywood Board cladded with 1.0mm laminate . 12mm thk plain glass on table top as per shape with hole /cutting for wire manager should be provided. The glass should cover the length of the table & width of side unit as shown in the drawing. The edges are to be neatly finished as per the shape indicated by Engineer in charge. Wire manager shall be provided at the corner of the counter top. 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. The table should be 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 of Bank .				
5.4	ROLLING BLINDS	Sq.Ft.	60		
	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 or approved equivalent)				
6	STORAGE & SIDE UNIT				
6.1	Side and Back Unit	Sq.Ft.	38		
	Providing and fixing Side Unit/ Back unit 450 mm depth made out of 25 mm thick External Grade HDHMR MDF Board finished with 1.0mm laminate in all exposed areas . The drawers to be made out of 25 mm thick External Grade HDHMR MDF Board and cladded with 1.0mm laminate and bottom made out of 18 mm thick External Grade HDHMR MDF Board duly painted in matching tone and it should play on drawer sliding channels. The shutters to be made out of 18 mm thick External Grade HDHMR MDF Board 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/ Plywood Board woods to be covered with wooden lippings/mouldings duly polished all complete. The work to be completed as per approval and specification of the Architect.				
6.2	LOW HT / FULL HT STORAGE UNIT	Sq.Ft.	198		
	Providing and fixing Full /Low height Cabinet 450mm deep made out of 25 mm thick External Grade HDHMR MDF Board finished with 1.0mm laminate in all exposed areas. The Shutter to be made out of 18 mm thick External Grade HDHMR MDF Board in the front cladded with 1.0mm laminate (color, vertical grain) and bottom made out of 18 mm thick External Grade HDHMR MDF Board duly painted in matching tone and shelves 25 mm thick External Grade HDHMR MDF Board to fixed inside storage. The shutters to be made out of 18 mm thick External Grade HDHMR MDF Board . The necessary locks, tower bolts, 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 to be covered with wooden lippings/mouldings duly polished all complete. All as per the design and instructions Bank.				

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6.3	Main Electrical Panel Cabinet	Sq.Ft.	20		
	Providing and fixing of DB Shuttering formed of 18 mm thick External Grade HDHMR MDF Board on 12mm thick Gypsum board (fire Proof) with finish as per Item no 1 for inside and out side shutters finished with laminate on outer surface with SS Handle (4Nos) louvre perforation and necessary hardware, hinges etc complete as per details. All as per the design and instructions Bank.				
	Note - For the purpose of contractor's payment in case of Electrical panel cabinet, only front elevation area shall be measured. BUT the partition shall be erected till soffit of the actual ceiling along with the board concealing the entire area and not just till the false ceiling.				
7	OTHER MISCELLANEOUS ITEMS				
7.1	PIN UP / NOTICE BOARD	Sq.Ft.	40		
	Providing and fixing soft board with necessary framework with 18 mm thick External Grade HDHMR MDF 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.				
7.2	PLASTIC EMULSION PAINT	Sq.Ft.	1634		
	Applying 2 coat of Plastic emulsion paint (asian) of approved make and shade on walls including scrapping off, preparing the base etc 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).				
7.3	ENAMEL PAINT	Sq.Ft.	462		
	Applying 2 or more coats of enamel paint after neatly scraping the existing paint and finishing smoothly (NEROLAC/ ASIAN) on wooden/ steel doors & windows to give even & uniform surface.				
7.4	WRITING LEDGER	NO	1		
	Providing and fixing writing ledger as per design minium 5 ft length made out 25 mm thick External Grade HDHMR MDF Board with necessary grove patterns with 1.0mm laminate. 10mm thk machine polished glass to be provided on top of the writing ledger.				
7.5	CHEQUE & SUGGESTION BOX	NO	3		
	Small boxes to be made out of 18 mm thick External Grade HDHMR MDF Board along with writing ledge finished with 1.0 mm thick laminate, inside enamel painted and rate should be included providing fixing of sugestion box & Cheque deposit box as per approval of bank. It should necessarily have a provision for dropping off the cheques or suggestion letters from the top and a small door with lock provision for the staff to access the contents.The work to be completed as per design and approval of the architect.				

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7.6	OUTER SHUTTER BOXING	Sq.Ft.	141		
	Providing & Fixing ,framing consisting of 2 1/2" x 1 1/2" Al. framing @ 600 mm c/c both ways horizontally and vertically on the rolling shutter ,providing over 6mm thick A.C.P. sheet, complete with necessary hardware , scaffolding etc.or as directed by the bank.				
7.10	GLASS SHELVES	Sq.Ft.	28		
	Providing and fixing glass panes / shelves of required sizes with all edges neatly grinded, polished and fixed to the wall surfaces using SS D-brackets. The glass shall be 10mm thk plain glass of approved make. Item shall include all required arrangement / hardwares/ accessories to complete the job upto the satisfaction of bank / Architect.				
7.11	DRESSING TABLE FOR STRONG ROOM	Sq.Ft.	1		
	Dressing table of size 600mmx450mmx600mm made up of 18 mm thick External Grade HDHMR MDF Board on top and vertical support finished with 1 mm laminate of approved shade and brand with 5 mm thick frame less mirror of size 1200mmx4500mm fixed to wall with SS Studs as per Design and direction of Architect/bank. The table shall have openagle shutter with horizontal shelves in bottom.				
7.12	Temporary dismantling/ rearrangement/ making ready of counters, partitions etc as required for day to day smooth operations of the branch during the entire period of renovation and should properly coordinate with electrical and other contractors for smooth opertaion during the works	LS	1		
	TOTAL AMOUNT FOR FURNISHING WORKS				
	DISCOUNT IF ANY				
A	GRAND TOTAL AFTER DISCOUNT FOR FURNISHING WORKS (A)				

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B	SCHEDULE - 'B' (ELECTRICAL & DATA CABLING WORK)				
1	2x2 36W LED recessed mounting light fitting (Havells/Wipro/Crompton/philips or Equivalent) including cost and conveyance of all materials, taxes and all labor charges etc., complete. with all inter connections and fixing arrangement (should be hanged with the help of chains/GI from the ceiling) as required. The price should be include fixing arrangement in Gypsum/ Grid ceiling etc.	Nos	10		
2	15 W LED recessed mounting downlight fitting (Havells/Wipro/Crompton/philips or Equivalent) including cost and conveyance of all materials, taxes and all labor charges etc., complete	Nos	14		
3	Supply and fixing of 4' Led Tube Lights	No	14		
5	Supply & Fixing of 400 mm sweep Wall mounted fan (plastic blade) with 3 pin Plug on the lead wire of each fan all accessories Electrical connections. Including fixing materials required. (Havells Swing model or Crompton Hi Flo Make or equivalent)	No	6		
6	Supply and fixing Ceiling Fans (48") High speed Crompton or equivalent make with suitable all fixing materials etc. Supply & Fixing	No	4		
8	Heavy Duty Exhaust Fans 9"	No	3		
9	Supply and wiring of Light and fan Points with Switch.Socket for WM Fan, MS Box, Plate and also Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm Copper multistrand flexible pvc insulated cable (FRLS) with required all Materials etc. (Rate including the circuit wiring from Lighting Distribution Board to Switch Board Wiring 2x2.5+1.5Sqmm Wire and PVC Conduites)				
a	One light point controlled by One 6A Modular Switch	Pts	15		
b	Two light points controlled by One 6A Modular Switch. (Cost shall include wiring of the first point from the switch board and then looping from the first point to the second point)	Pts	10		
c	Three light points controlled by one 6 amp. Modular switch. (Cost shall include wiring of the first point from the switch board, then looping from the first point to the second point & further looping from the second point to the third point)	Pts	1		
d	Ceiling Fan Point including the cost of 6A Switch along with 5 step electronic fan regulator complete in all respects.	Pts	4		
e	Wall Fan Point along with 6 AMP switch and near by Socket	Pts	6		
f	Exhaust Fan Point along with 6 AMP switch	Pts	4		
10	Supply and wiring of Bell point with bell Push and Ding Dong Bell with Suitable Size 2mm thick PVC conduit with 3x1.5Sqmm earth wire Copper multistand flexible pvc insulated wires and 5A Switch cum sockets with Surface/Conceiled Box with required all materials etc. Supply & Fixing	set	1		

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11	<u>A/C Points:</u> Supply and wiring of Circuits for Acs with Suitable 2mm thick PVC Conduite and 2x4.0Sqmm + 2.5Sqmm earth wire Copper multistand flexible pvc insulated wires (FRLS) with Supply and fixing of Metal Clad socket and 25/32A SP MCB and all required all materials etc. Supply & Fixing.	set	4		
12	<u>SWITCH CUM SOCKETS</u> Supply and fixing of 1No. 6A Sockets with 6A Switch control for above Switch Control Boards with suitable Surface/MS Boxes etc. Including Connections	Nos	7		
13	Supply and fixing of 2No. of 16A Sockets with 1 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply& Fixing	Nos	10		
14	Supply and fixing of 3 No. of 6A Sockets with 2 No. of 16A Switch control for Raw/UPS Power with Suitable Surface/MS boxes etc. Supply & Fixing	Nos	13		
15	<u>UPS Wiring:</u> Supply and wiring of Circuits for UPS power from UPS DB to individual Tables with suitable 2mm thick PVC Conduite and 2x2.5 Sqmm + 2.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Supply & Wiring	Pts	8		
16	Secondary point	Pts	5		
17	Supply and wiring of Circuits for Raw power from RAW Power DB to individual tables with Suitable 2mm thick PVC Conduite and 2x2.5 Sqmm +1.5 Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. Supply & Wiring	Pts	6		
18	Secondary point	Pts	4		
19	<u>EARTHING:</u> Supply, fixing, testing & commissioning of earthing Earthpit with copper plate 600x600x3mm thick, 25x6mm copper flat, 40mm GI pipe, 100KG charcoal 100KG salt, funnel, mesh, cover etc. Digging depth up to 7	Nos	3		
20	Supply and fixing of 8SWG bare Copper wire with suitable PVC conduit required all materials etc.	Mts	60		
21	Supply and wiring of telephone points including wiring with 4 pair copper cable and suitable conduit, required all materials ect. & GI boxes with Telephone socket (RJ-11) with mounting box & front plate complete in all respect.	Nos	3		
22	Supply and wiring of Circuits for inputs with Suitable Size 2mm thick PVC Conduite and 4x6.0Sqmm+4.0Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. (LDB Input)	Mts	20		
23	Supply and wiring of Circuits for Inverter power from Main DB to switch boards with Suitable 2mm thick PVC Conduite and 1x1.5 Sqmm Copper multistand flexible pvc insulated wires with required all materials etc.	Mts	150		

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24	Supply and wiring of Circuits for Input with Suitable size 2mm thick PVC Conduite and 4x6.0Sqmm +4.0Sqmm earth wire Copper multistand flexible pvc insulated wires with required all materials etc. (UPS input) Supply & Wiring	Mts	35		
25	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade XLPE insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (AC DB + RAW POWER DB).	Mts	20		
26	Supplying, laying, testing & commissioning of 4 C X 35 sq.mm. at 1100 volts grade XLPE insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (MAINS).	Mts	40		
27	<p>ELECTRICAL PANEL Design, manufacture, providing, storing & installing in position, effecting proper connection, testing and commissioning of panel made of 16 SWG, CRCA sheet steel. It shall be dust and vermin proof. It shall have compartmentalized construction with bus bar chambers, cable alley, cable glands plate etc. as required, duly painted from inside as well outside. It shall have the following: R, Y, B Phase indicating lamps. (Provide labeling in Panel) including DANGER sign and necessary precautions, Earth Bus Bar 25x5mm GI strip- 2 nos (At the bottom)</p> <p>MAIN PANEL: 1 No.80 Amp. 4P MCCB adjustable (25 KA breaking capacity), Bus bars 150 Amp each., 3 phase, 4 strips, 415 volts, 50 Hz. copper busbars with colour coded PVC heat shrinkable sleeves. <u>There should be 2 sets of BUS BAR in such a way that AC load should not be connected to GENERATOR power.</u> 100 Amp. On load Generator Changeover Switch Instruments: Digital Multi function Meter of standard make for displaying Input Voltage, Ampere, Power factor, KWH used with CTs.</p>	No.	1		
	<p>OUTGOING: 3 Nos. 40 Amp. TPN MCB FOR LDB & RAW POWER DB, SPARE FEEDER 2 Nos. 63 Amp. TPN MCB (For AC DB, UPS INPUT and Spare Feeders provision) 5 Nos. 32/40 AMP DP MCB. 4 Nos (for Glow Sign board, Strong Room, Inverter & ATM) and spare feeder For LDB, RAW POWER DB, Branch UPS, Glow Sign board, Strong Room, Inverter, ATM and spare feeder from Generator Powered Bus. FOR AC DB from Non-Generator Powered Bus. The design of panel should be got approved by the Architect before manufacturing. Also, the provision for 1/2 spare outgoing should be considered for future expansion. The job shall be completed to the satisfaction of the Bank.</p>				

SCHEDULE INTERIOR & ELECTRICAL WORKS FOR CANARA BANK AT EXISTING PREMISES OF MANNARPOLURU BRANCH					
S.NO.	DESCRIPTION	UNIT	QTY.	RATE (Excl.GST)	AMOUNT (Excl.GST)
28	DISTRIBUTION BOARD(Double Door DBS)				
	Supplying, installing, testing & commissioning of surface/recessed mountings, Double door 415 volts TPN MCB distribution board of steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper bus bars, earth bar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and up to the terminal connectors/ neutral link and ready for installation of following ways as required.				
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc.& 'D' curve for UPSDB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B, C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.				
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				
	All internal inter connecting wiring within the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed.				
	MAIN DBS / SUB DBS- Supply Installation Testing and commissioning of TPN MCB Double door Distribution boards dust and vermin protected and rated for 415V, Three Phase AC supply operation including incoming MCB/ELCB as per specifications and required capacity Neutral bar and Earth terminal complete as required and installed in flush with wall including all fixing materials required. MCBs shall conform : 8828 and ELCB /RCCB shall confirm to IS : 12640				
A	6-way TPN DB (LIGHT & RAW POWER DB): Incomer:- 1 No. 40 Amp TPN (10 KA) MCB with 3 No of 25 A DP RCCB (30 mA) each phase Outgoing:- 12 Nos.6/10 Amp (10 KA) SP MCB	No	1		
B	4-way TPN DB (AC DB) Incomer :- 1 No. 40 Amp TPN (10 KA) MCB with 3 No of 25 A DP RCCB (30 mA) each phase Outgoing :- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB	No	1		
C	6-way TPN DB (AC DB) Incomer :- 1 No. 63 Amp TPN (10 KA) MCB with 1 No of 63 A 4P RCCB (100 mA) Outgoing :- 9 Nos. 10/16/25/32 Amp (10 KA) DP MCB	No	0		
E	12-way SPN DB with 1 Nos. 40 A (10 KA) DP MCB for incoming and 10 Nos. 10/16/25/32 Amp (10KA) SP MCB (For UPS Output - SDB)	No	1		
F	8 WAY SPN Double Door DB complete with 1 No. 32 AMP DP MCB as incomer and 6 NOS. 6-10 AMP SPMCB as outgoing for UPS power distribution points for ESSENTIAL LOADS like CCTV System, Fire & Burglar Alarm Systems, Networking Rack, ATM and select Light points powered by UPS.	No	1		

Seal and Signature of the Contractor

SCHEDULE INTERIOR & ELECTRICAL WORKS FOR CANARA BANK AT EXISTING PREMISES OF MANNARPOLURU BRANCH					
S.NO.	DESCRIPTION	UNIT	QTY.	RATE (Excl.GST)	AMOUNT (Excl.GST)
29	Supply & fixing of 3 Phase 63A Manual Phase Changeover Switch without OFF for UPS input. (L&T Make)	No	1		
30	Supplying and fixing FP sheet steel enclosure on surface/ recess along with 63 A 415 V "C" curve TPN MCB complete with connections, testing and commissioning etc. as required. UPS INPUT	No	1		
31	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 40A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required. UPS INPUT	No	2		
32	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 40A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required. UPS OUTPUT	No	2		
33	Supply & Installation of rubber mats (Class-A) of 1000 mm x 2000mm & thickness of 10mm: 3.3 KV Voltage grade	Nos	1		
34	Charges towards removal of existing wiring during civil/renovation work and giving temporary connections of light points, UPS, raw and Data supply to counters and cabins using extension boards from existing panel /server using existing old materials. Contractors has to arrange the materials at his own cost if any additional cables, switch boards are required at site for smooth functioning of Branch. cost Includes necessary modification in main panel for master switch & load balancing etc.	LS	1		
35	Installation of RGB indicator set at the entrance of the branch showing the output of LDB, UPS SDB, AC and Raw Power DB with necessary wiring and equipment related	LS	1		
	LAN CABLING				
36	Supply and Laying of 4Pair, UTP cat6E Lan Cable with Information outlet and Suitable 2mm Thick PVC Pipe Laying Below Flooring/Wall/Slab etc MS Junction Boxes to All Tables , Including all Related Civil Works etc All Cable Numbers to be Provided at both ends (systimax) Supply&fixing	Pts	14		
37	Supply of 7 feet Patch Cords. Supply&fixing	Nos	14		
38	Supply of 3 feet Patch Cords. Supply&fixing	Nos	14		
39	Supply of 24 patch panel Supply&fixing	Nos	1		
40	Supply & Fixing of 12U Rack	Nos	1		
	TOTAL AMOUNT FOR ELECTRICAL WORK				
	DISCOUNT IF ANY				
B	GRAND TOTAL AFTER DISCOUNT FOR ELECTRICAL WORKS (B)				
A+B	GRAND TOTAL FOR FURNISHING AND ELECTRICAL WORKS (A+B)				

GST 18% EXTRA AS APPLICABLE

Seal and Signature of the Contractor