

ANNEXURE - A

BOQ FOR INTERIOR FURNITURE WORK OF MAIN BRANCH OF CENTRAL BANK OF INDIA, NAGPUR

S.No.	Item	Unit	Qty.	Rate	Amount
1	Providing and Fixing Main Frame Suspended ceiling consisting of fixing company made GI channels of 27mm X 0.5 mm thick having one flange of 20mm and another flange of 30mm along with perimeter of the ceiling. Frame should be properly anchored to the MS frame. The suspending GI intermediate channels of size 45mm x 0.55 mm thick with two flanges of each from the soffit @1200 mm centers with GI hangers of 25mm x 0.5mm thick fixed to soffit with GI cleat and steel expansion Anchor fasteners and to intermediate channel with GI nut and bolt. Ceiling section of 0.5mm thickness having knurled wedge of 51.5 mm and flanges of 26mm each with clips of 10.5mm fixed to the int. channels with help of connecting clips in perpendicular direction to the intermediate channels at 450mm center, 12.5mm thick Gypsum board is to be fixed with 25mm screws maintaining proper distance . Surface to be finished with tape and plaster. Cost to include the cutout provision for AC Grille, Light Fittings and any other gadgets as per requirement.3 coats of Plastic emulsion paint. Complete.	Sq.m.	55		
2	Providing and erecting false ceiling of Mineral Fiber ceiling Board Armstrong with clip on type panels with framework, runners, suspenders from the existing ceiling as per the manufacturers details and specification including fine fissured tiles complete including making cut-outs for electrical fixtures, AC diffusers, access etc complete as per the instructions of the bank. Rate quoted should also holds good to carryout the composite type of false ceilings with gypsum materials by lowering the boards for housing of AC ducts. . tile size 595x595x16mm, RH 99 DUNEI T 15 sillhouette grid with black reveal grid. Complete	Sq.m.	204		
3	Providing and fixing in position partly glazed & partly panelled partition made of 50 mm x 50mm x 1.2mm medium duty aluminium hollow square pipes framed at 0.60 m. to 0.45 m c/c both ways covered with 8 mm BWR grade ply and 1mm multi-colour laminate of approved shade and make with 10 mm thick glass panel with etching as per design and / or necessary beading patti including 3 coats of french polishing including all necessary fittings etc. complete.	Sq.m.	94.5		
4	Providing & fixing of Solid partition made of 50 mm x 50mm x 1.2mm medium duty aluminium hollow square pipes framed at 0.60 m. to 0.45 m c/c both ways covered with 8 mm BWR grade ply and 1mm multi-colour laminate of approved shade and make 8 as per design and / or necessary beading patti including 3 coats of french polishing including all necessary fittings & fastners etc. complete.	Sq.m.	32.45		



S.No.	Item	Unit	Qty.	Rate	Amount
5	Providing & fixing of Low ht. partition made of 50 x 50 x 1.2mm medium duty aluminium hollow square pipes framed at 0.6 m to 0.45 m c/c both ways covered with 8 mm MR grade ply and 1mm thick laminate of approved shade & make, both sides including necessary opening / outing for receiving cheques & other papers, and to receive 12 mm th. Float glass including all necessary opening for electric / telephonic conduits etc. as per requirement.	Sq.m.	21		
6	Providing & fixing of 12 mm thk. Glass with etching as per design for partitions fixed with TW beading as per directed. All exposed glass edges with rounded moulding and crystal polish. All exposed woodwork to be finished in 3 coats of French polish/ melamine	Sq.m.	9		
7	Providing & fixing of Partially Glazed doors in single leaf 35 mm thick, finished with approved 1mm th. Laminate on both faces with / without glazing and venetians in the positions shown on the drawings or as directed, all necessary beads, moulding and lipping, Stainless Steel fixtures and fastenings with CP / brass mortise lock, Stainless Steel handles on both sides, stoppers and exposed woodwork finished with French-polish complete.	Sq.m.	7.5		
8	Providing & fixing of Partially solid doors in single/double leaf 35 mm thick, finished with approved 1mm th. Laminate on both faces with / without glazing and venetians in the positions shown on the drawings or as directed, all necessary beads, moulding and lipping, Stainless Steel fixtures and fastenings with CP / brass mortise lock, Stainless Steel handles on both sides, stoppers and exposed woodwork finished with French-polish complete.	Sq.m.	7.5		
9	Providing & fixing of Cash counter as per std. drawing with necessary drawer unit etc. complete Providing & fixing cashier's counter of 4'9" height and 2' 6 " width with 12mm thick glass from 3' height in front elevation fixed with necessary brass studs. Counter to be made up of 18mm. thk. Plywood framework and open space for C.P.U. & drawer above it on other side of Key Board drawer of ebco make. The counter should have necessary holes of required sizes for wire managers. The glass above service counter to have 5 inch dia hole. The counter should have necessary passages & ledges for data cables, electrical cables and telephone lines. The counter should be finished with 1.0mm. Thk. Laminate of approved color & shade from external side and 0.8 mm. thk. white Laminate of on internal surface. All the exposed edges of plywood including lower edges should have lipping patti. Lipping patti should be finished in polish. The cost should include necessary hardware Moulding .handles & Godrej make drawer locks with common key for cash drawers, footrest etc. complete as per design.	Nos.	2		
10	Providing & fixing Tables of 2'5" height to be made up of 18mm. thk. Plywood framework and open space for C.P.U. & Drawer, shutter arrangement on other side of Key Board drawer. The table should have necessary holes of required sizes for wire managers. The counter should have necessary passages & ledges for data cables, electrical cables and telephone lines. The counter should be finished with 1.0mm. Thk. Laminate of approved color & shade from external side and 0.8 mm thk. laminate from inside. All the exposed edges of plywood including lower edges should have lipping patti. Lipping patti should be finished in polish. The cost should include necessary hardware Moulding, handles & Godrej make drawer locks etc. complete as per design.				
a	Size 1520 x 750	Nos.	5		



S.No.	Item	Unit	Qty.	Rate	Amount
b	Size 1830 x 750	Nos.	9		
c	Size 2100 x 850	Nos.	1		
d	Size 1350 x 650	Nos.	1		
11	Providing & fixing Tables (For Server) of 2'5" height and 2' width to be made up of 18mm. thk. Plywood framework and open space for C.P.U. & Drawer, shutter arrangement on other side of Key Board tray. The table should have necessary holes of required sizes for wire managers. The counter should have necessary passages & ledges for data cables, electrical cables and telephone lines. The counter should be finished with 1.0mm. Thk. Laminate of approved color & shade from external side and 0.8 mm thk. laminate from inside. All the exposed edges of plywood including lower edges should have lipping patti. Lipping patti should be finished in polish. The cost should include necessary hardware Moulding, handles & Godrej make drawer locks etc. complete as per design.	Rmt.	0		
12	Providing & fixing side unit made up of 18mm. thk. plywood framework & 8mm. thk. plywood as backing. Side unit should have 2/3 no. of drawers above & shutters below. Drawers should be made up of 18 thk. Plywood fascia, 12 thk. Plywood sides & 6 thk. Plywood bottom. Drawers should be mounted on heavy duty drawer sliders. Side unit should be finished with 1.0 mm. thk. Laminate of approved shade & colour on external surface & 0.8 mm. thk. white Laminate of on internal surfac. All exposed edges of 18 thk. & 12 thk. Plywood should have lipping patti All lipping patti's should be finished with polish on it. The cost should include necessary hardware, handles, Godrej make locks etc. complete as per design.				
a	Size 1200 x 750	Nos.	1		
b	Size 1100 x 750	Nos.	6		
13	Providing & fixing file storage unit made up of 18mm. thk. plywood framework & 8mm. thk. plywood as backing. storage should have above & below shutters .Unit should be finished with 1.0 mm. thk. Laminate of approved shade & colour on external surface & 0.8 mm. thk. white Laminate of on internal surface. All exposed edges of 18 thk. & 12 thk. Plywood should have lipping patti All lipping patti's should be finished with wood polish on it. The cost should include necessary hardware, handles, Godrej make locks etc. complete as per design.				
a	Low Ht. Storage	Sq.m.	12.5		
b	Full Ht. Storage	Sq.m.	35		
14a	Providing & fixing wall paneling made up of 12 mm plywood & 1 mm laminate in multicolour.18 gauge 50x50 mm Aluminium section framework at 600 mm c/c both ways (or as directed by the Architect); Paneling should be finished with specified finish as per design. All provisions to be made for all electrical, networking, telephone etc. boxes onto framework at required heights/levels with necessary additional supports &/or scaffolding as required.	Sq.m.	114.5		
14b	Providing & fixing paneling over existing partition made up of 6 mm plywood & 1 mm laminate in multicolour. Paneling should be finished with specified finish as per design. All provisions to be made for all electrical, networking, telephone etc. boxes onto framework at required heights/levels with necessary additional supports &/or scaffolding as required.	Sq.m.	38		



S.No.	Item	Unit	Qty.	Rate	Amount
15	Providing & fixing writing desk made up of 18 thk. Double plywood supports as shown in the drawing. Plywood supports shall be finished in laminate on it. The frame shall have 6mm thk. Plywood back & it should be finished with laminate. 12 thk. Glass shall be fitted with D-brackets on partition & rubber vacuums on plywood supports. The writing desk will be of hanging type as shown in the drawing. The desk should be fitted on D-brackets. The writing desk will be of hanging type as shown in the drawing.	Nos.	2		
16	Providing & fixing of Vertical Blinds of approved makes	Sq.m.	45		
17	Providing & fixing main door made up of 12 mm thk. Clear toughened glass shall be fixed on Ozone make patch fitting with necessary hardware with application of sealant from all sides. Edge polish for all exposed sides of glass. Complete as per design Door size 7'0" x 3'3" with necessary hardware like floor spring, 12" S.S. finished decorative handle pair, & locking arrangement. Edge polish for all exposed sides of glass. Complete as per design	Sq.m.	6		
18	Providing & fixing of 12 mm thk. Toughened glass partition shall be fixed on Ozone make patch fitting with necessary hardware with application of sealant from all sides. Edge polish for all exposed sides of glass. Complete as per design	Sq.m.	12		
19	Providing and applying acrylic emulsion paint of approved quality, shade and colour in 2 or more coats to achieve desired result including applying one coat of primer of cement paint, preparing the surface by cleaning the dust/dirt by watering/brushing the surfaces, filling in cracks/crevices, scaffolding at all levels, necessary lead, lifts etc. complete Rate including Wall Punning : Gypsum wall punning to all internal walls scrapping and making tacchha by gridding machine and levelling it with gypsum finish, everything in plumb finish, all electrical conduits to be filled and finished etc. complete	Sq.m.	375		
20	Prepare surface and applying two coats of Synthetic Enamel paint of approved colour and shade over a coat of anti corrosive paint after thoroughly scrapping the existing paint	Sq.m.	150		
	TOTAL				

ANNEXURE -B

BOQ-ELECTRICAL WORKS OF CENTRAL BANK OF INDIA MAIN BRANCH, NAGPUR.					
No.	PARTICULARS	QTY.	UNIT	RATE	AMOUNT
A	SECTION - A				
1	LIGHT POINT WIRING				
	Supplying, Installation, Testing & Commissioning of Light Point Wiring using 1100 Volts grade with 3 Nos. of 1.5 Sq.mm. Copper PVC insulated FRLS (flame retardant low smoke) through PVC conduits of 25mm of 16 Gauge thickness. All the wiring below false ceiling on wall must be concealed. All the drops wire from the junction box to the light point must be in flexible pipe with gland at the junction box. (Make: - KEI / RR / Polycab - FRLS) Rate quoted must include the cost of circuit wiring from DB Switchboard & switchboard to switchboard, switches, Conceal Box, Plate and Required Accessories etc. (Make as per list)				
1a	1 Light control by 1 switch	66	NOS.		



S.No.	Item	Unit	Qty.	Rate	Amount
1b	2Light control by 1 switch	5	NOS.		
1c	3Light control by 1 switch	1	NOS.		
1d	Glow sign board wiring with 16Amp mcb termination	1	NOS.		
1e	Half Socket Point on Lighting Board.	15	NOS.		
1f	Bell Point With Indicator Type Bell instrument	2	NOS.		
1g	Exhaust Fan Point	1	NOS.		
1h	Ceiling Fan Point With Fan Hook, 120W step type Fan Regulator etc.	17	NOS.		
1j	POWER POINTS- wiring for 5/16 Amp-6-pin sockets by using 4sq.mm PVC insulated 1100v grade copper conductor wire with independent 2.5 sq.mm earth wire from DB to first and fixing of 16amp. 6-pin socket with 16amp. Switch	15	Nos		
1k	A.C. point- wiring with 2 X 4 sq. mm copper conductor & 1 X 2.5sq. mm copper conductor form AC DB to AC point in 16 swg PVC conduit (1TR & 1.5 TR AC)	4	Nos		
1l	A.C. point- wiring with 2 X 6 sq. mm copper conductor & 1 X 4 sq. mm copper conductor form AC DB to AC point in 16 swg PVC conduit (2TR AC)	5	Nos		
TOTAL OF SECTION A					
B	SECTION - B				
1	RAW POWER POINT Supplying, Installation, Testing & Commissioning of raw power socket point on Skirting, Walls, for tables using heavy duty PVC pipe run concealed within Walls / Partition / Work Station etc. The rate shall be inclusive of MS concealed box, switch, socket, surface plate,pvc pipe from junction to point. Rate quoted must include the cost of circuit wiring by using 3 X 2.5 sqmm Copper conductor PVC FRLS wiresfrom DB Switchboard & switchboard to switchboard (Make as per list)				
1a	6 Amps 3 Pin Or 5 Pin Socket and 6 Amps Switch Point.	20	NOS.		
2	COMPUTER SOCKET POINT				



S.No.	Item	Unit	Qty.	Rate	Amount
2a	Supplying, Installation, Testing & Commissioning of computer socket point on Skirting, Walls for for tables using PVC pipe run concealed within Walls / Partition / Work Station etc. The rate shall be inclusive of MS concealed box, switch, socket, surface plate pvc pipe from junction to point. (Make - MDS /MK / North West) Rate quoted must include the cost of circuit wiring from DB Switchboard & switchboard to switchboard with 3 Nos. X 2.5 Sq.mm. PVC insulated Copper flexible cable in 25/32mm pvc pipe with suitable size PVC Glands for Termination for 3 Nos. of 6 Amps below work station on 8 module plate & 1 No. of 16 Amps SP switch with indicator above work station.	20	NOS.		
2b	1 No. of 6/16 Amps socket with 1 Nos. of 16 Amps SP indicator switch above work station.	20	NOS.		
	TOTAL OF SECTION B				
C	SECTION - C				
1.0	Supply , Installation, connection of SFU 200Amp with HRC Fuse unit 3 nos with 200 Amp neutral link on MS Angal frame etc. complete .	0	Set		
2	<p>ELECTRICAL PANEL: Design, manufacture, providing, storing & installing in position, effecting proper connection, testing and commissioning of panel made of 14 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 -</p> <p>Incomer :1 No. 200 Amp. TPN, MCCB (36 KA breaking capacity),</p> <p>Busbars.:300 Amp., 3 phase, 4 strips, 415 volts, 50 Hz. copper busbars with colour coded PVC heat shrinkable sleeves. Instruments.</p> <p>Multi function Meter : for Voltage, Ampere, Power factor, KWH, Data 1 No. with CT 75/5</p> <p>Outgoing.</p> <p>2 Nos. 125 Amp 25 KA, TPN MCCB</p> <p>2 Nos. 63 Amp 25KA TPN,MCCB</p> <p>4 Nos. 40/63 Amp. 10KA TPN, MCB</p> <p>4 Nos 10 /16/32 Amp 10KA DP MCB.(for Glow Sign board and Strong Room Lighting, spare feeder)</p> <p>The design of panel should be got approved by the Architect before manufacturing.The job shall be completed, to the satisfaction of the Bank Engineer/Architect.</p>	1	set		



S.No.	Item	Unit	Qty.	Rate	Amount
3	Supply and installation of 20 KVAR APFC panel, floor/wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated with following accessories	0	Set		
a	1No.125A,TP, MCCB as incomer				
b	2 Nos. 25A 3P contactor				
c	2 Nos. 25A MCB				
d	1no. -20 KVAR , 1no.-10 KVAR 3No-5KVA , 1No -3 KVA & 1No-2KVA Capacitor				
e	Suitable bus bar for connecting the contactors and MCB's, Capacitors				
f	1 no. 6 step APFC relay suitable for above arrangement				
g	ON/OFF/TRIP push button for each capacitor				
h	ON/OFF/TRIP indication lamp for each capacitor				
i	1 Set, RYB, indicating lamps with resistors and fuses for incomer.				
4.0	S/I/T/Commissioning 6 way VTPN DB having	2	NO.		
a	Incoming- 100 A TP MCCB 1 NOS				
b	Outgoing- (i)63 A TP MCB 5 NOS with all accessories (ii)- 32/20 A SP MCB 3 NOS with all accesses				
	Separate Neutral Bus for Each Phase to be given				
5	LIGHTING CUM RAW POWER DISTRIBUTION BOARD				
	ETPN LDB consist of				
a	Incomer: - 40/32 Amps TPN MCB - 1 No. 40A, 100mA, 2 Pole RCCB per phase				
b	Outgoing: - 10 / 16Amps SP MCB, C-curve - 12 Nos. (Make: -L&T/ Legrand / Siemens / Merlin Gerin)	1	SET		
5	UPS/INVERTER POWER DISTRIBUTION BOARD				
	12 WAY SPN UPS DB consist of				
a	Incomer: - 40/32 Amps DP MCB - 1 No.				
b	Outgoing: -16/10 Amps SP MCB, D-curve- 10 Nos. (Make: - L&T/ Legrand / Siemens / Merlin Gerin)	2	SET		
5	UPS/INVERTER DISTRIBUTION BOARD				
	8 WAY SPN UPS DB consist of				
a	Incomer: - 40/32 Amps DP MCB - 1 No.				
b	Outgoing: -16/10 Amps SP MCB, D-curve- 6 Nos. (Make: - L&T/ Legrand / Siemens / Merlin Gerin)	2	SET		
6	UPS /INVERTER				
a	6 WayTPN Db (For Ups/Inverter Master Db)	1	SET		
	Incomer: - 63 Amps DP MCB - 1 No.				
	Outgoing: -40/32 Amps DP MCB - 2 No.				



S.No.	Item	Unit	Qty.	Rate	Amount
b	SITC of 63/40 Amp TP 10KA MCB in Metalic encloser,for Branch UPS and invertor in put power supply complete in all respect as required	1	NOS.		
c	SITC of 32 Amp TP 10KA MCB in Metalic encloser,for ATM UPS in put power supply complete in all respect as required	1	NOS.		
d	SITC of 40/32 AMP industrial socket along with DPMCB for branch UPS & Inverter output power supply complete in all respect as required.	2	NOS.		
7	Signages Timer-S/I/T/Commissioning of Automatic Timer control for Signages with Automatic Power On / Off to sign board with required capacity of Automatic 24 Hrs Time Delay operation designed for cyclic mode as per I.S. standard etc. complete. (Basic Cost Not Less Then Rs.2500/- Only) (L&T make)	1	NOS.		
8	AC Cyclic Timer Supply, Installation & Commissioning of Automatic AC Cyclic for 2 nos. of Split/ Window ACs with 1 no. of Real Time Electronic Timer Switch DW219BLK of MK & 2 nos. Contactor/ High Power Relay, Mains ON & AC-1 & AC-2 indicating LED type Lamps, 2A HRC fuse with base for contactor coil & 1 no. 32A DP MCB with Auto/ Manual Switch, in Powder coated MS. Box & all accessories with Elmax make terminals for outgoing/ incoming connections	1	NOS.		
TOTAL OF SECTION C					
D SECTION - D					
1	POWER CABLE & TERMINATION				
a	Supplying, Installation, Testing & Commissioning of LT Cable rated for 1100 Volts AC as per IS Standard with necessary accessories with fine resistance cable.Rates are inclusive of LT Cable Termination of CU/AL with respective follwing size cable (Make: - Dowells /Jainsons) (Make: - Finolex-FR / Polycab Havells)				
1	3.5 Core X 120 Sq.mm. Aluminum Armoured cable from TRF to Main panel with 8 swg GI wires for earthing	0	Mtrs.		
2	3.5 Core X70 Sq.mm. Aluminum Armoured cable with 8 swg GI wires for earthing From Main Panel To RO & Branch Panel	65	Mtrs		
3	4 Core X 16 Sq.mm. Cu. Armoured XLPE Cable for AC DB (VTPN) & APFC Panel	45	mtrs		
4	4 Core X 10 Sq.mm. Cu. Armoured XLPE Cable for RO UPS &	85	Mtrs.		
5	4 Core X 6 Sq.mm. Cu. Armoured XLPE Cable for Light DB (VTPN)	70	Mtrs.		
6	4 Core X 4 Sq.mm. Cu. Armoured XLPE Cable for ETPN DB(Power)	78	Mtrs.		



S.No.	Item	Unit	Qty.	Rate	Amount
7	3 Core X 4 Sq.mm. Cu. Armoured XLPE Cable for All SPN DBs	125	Mtrs.		
8	3 Nos. X 10 Sq.mm. PVC insulated Copper flexible cable in 32mm pvc Flexible pipe with suitable size PVC Glands for Termination	10	Mtrs.		
9	3 Nos. X 2.5 Sq.mm. PVC insulated Copper Armoured cable for Out door light & Get Light	50	Mtrs.		
TOTAL OF SECTION D					
E SECTION - E					
1	FLOOR RACEWAYS / CONDUITS				
	Supplying, Installation, Testing & Commissioning of following raceways / conduits manufactured as per sizes given below in flooring. The rate shall be inclusive of removing the flooring by cutter & back filling the same with required Sand, Cement etc. and giving the finishing upto the floor level as per instructions of Architect/bank engineer /Consultant.				
1a	60mm X 40mm X 2mm Aluminum Raceways.	70	Mtrs.		
1b	25mm PVC PipeforRaceways.	125	Mtrs.		
2	FLOOR JUNCTION BOX				
	Supplying, Installation, Testing & Commissioning of following GI Junciton Boxes in floor of 16 SWG thick duly powder coated. The rate shall be inclusive of providing Sand, Cement etc. and finishing the same upto the floor level as per instructions of the Architect/bank engineer /Consultant.				
2a	150mm X 150mm X 50mm, 16 SWG Junction Box with Stainless Steel Cover Plate.	10	NOS.		
2b	200mm X 200mm X 50mm, 16 SWG Junction Box with Stainless Steel Cover Plate.	5	NOS.		
3c	300mm X 300mm X 40mm, 16 SWG Junction Box with Stainless Steel Cover Plate.	2	NOS.		
TOTAL OF SECTION E					
F SECTION - F					
1	LIGHT FIXTURE				



S.No.	Item	Unit	Qty.	Rate	Amount
	Supplying, Installation, Testing & Commissioning of following light fixtures complete of approved make as per specification with all fitting, accessories such as Junction Box, Hardware, Starter, Connector, Lamps, Tube etc. (Before Installation Sample must be shown to Architect / Engineer)				
1a	2x2 LED FIXTURE suitable for recess mounting. Aluminium Body Milky Difuser, Powder coated bottom frame with fitting depth of 35mm in ceiling with Headframe & all accessories complete with in built Driver & all required accessories	20	NOS.		
1b	15 watts led downlighter with Aluminium Die Cast body complete with in built Driver & all required accessories	58	NOS.		
1c	20W LED 4' Baten fitting Rainforced plastic body, milky difusse	0	NOS.		
1d	48" Ceiling Fan of Bajaj/CG/Havells/ Usha with Double ball bearing decorative type as directed by architect	17	NOS.		
1e	Supply & fixing of 400mm wall fan as directed by architect	1	No		
1f	9" Exhaust Fan modular type with bird louvers of Unique / GEC / Crompton make.	1	NOS.		
	TOTAL OF SECTION F				
H	SECTION - G				
	MISCELLANEOUS WORK				
1	Supplying/Installation/Testing & Commissioning of Earthing station with 600 X 600 X 6mm thick GI plate as per IS rule. Rate shall be inclusive of supply installation of GI plate, 25mm dia GI pipe with funnel for water and 450mm Cast Iron cover with its frame. Necessary digging of earth pit, excavation, back filling of earth, electrode, charcoal, salt layer & brick masonry work in proper manner. (The electrode should be buried not less than 4.5 Meters deep and resistance should be not less than 0.5 ohms.)	1	NOS.		



S.No.	Item	Unit	Qty.	Rate	Amount
2	Supplying/Installation/Testing & Commissioning of Earthing station with 600 X 600 X 6mm thick CU plate as per IS rule. Rate shall be inclusive of supply installation of 25mm dia GI pipe with funnel for water and 450mm Cast Iron cover with its frame. Necessary digging of earth pit, excavation, back filling of earth, electrode, charcoal, salt layer & brick masonry work in proper manner. (The electrode should be buried not less than 4.5 Meters deep and resistance should be not less than 0.5 ohms.)	1	NOS.		
3	S/I/T/Commissioning of 1 No. of 10 Sq.mm. single core PVC flexible copper wire for UPS in 25mm PVC conduit with all required accessories etc.	30	Mtrs.		
3a	S/I/T/Commissioning of 25mm X 3mm GI Earthing Strip.	20	Mtrs.		
4	Arranging temporary Power & Lighting for all agencies to work. The rate shall include statutory aproval from Local Electrical Inspectorate & other required satatutory bodies, preparation of AS-BUILT drawings, Testing of the installation & preperation of test report as required by statutory bodies. Note: The rate to include cost of suitable temporary Lighting for all areas as per requirement during work.	1	nos		
5	S/I/T/Commissioning of light cencors for cabins /conference room	1	nos		
TOTAL OF SECTION G					
SUMMARY					
A	SECTION A				
B	SECTION B				
C	SECTION C				
D	SECTION D				
E	SECTION E				
F	SECTION F				
G	SECTION G				
TOTAL					

ANNEXURE - C

BILL OF QUANTITY & PRICE BID for CENTRAL BANK OF INDIA, Main Branch NAGPUR

Installation of Individual Air Conditioners (all AC supplied by bank)



S.No.	Item	Unit	Qty.	Rate	Amount
	INSTALLATION OF INDOOR & OUTDOOR UNITS				
	Installation of Air Conditioners				
	Installation, Testing & Commissioning of AC's including all required anchor fastner accessories & with One or more times pressure testing with nitrogen at 350 psig, leak testing, rectification, vaccummisation, gas charging, testing & commissioning and balancing of each unit to satisfy that there are no leakages & satisfactory operations,trenching as per requirements.				
	Cassatte AC				
	Actual Capacity -2.0TR	4	Nos		
	Actual Capacity-3.0TR -	3	Nos		
	Split Air conditioners				
	Actual Capacity -1.5TR -	1	Nos		
	Actual Capacity -1.0TR -	1	Nos		
1.0	Supplying and fixing of following copper conductor cable for connections AC unit completed etc. as reqd				
1.1	4 core x2.5 sq.mm communcaton cable from indoor unit to outdoor uniit.	180	RMT		
2.0	Supply, installation, testing and commissioning of refrigerant gas piping using eddy current free copper piping work with 9 mm thick insulation				
2.1	Copper Piping for Cassette AC 3TR	65	RMT		
2.2	Copper Piping for SPLIT & Cassette AC 1.0 TR, 1.5TR & 2.0 TR	90	RMT		
3	Supply, installation, testing and commissioning of condensate drain water piping with necessary clamps, supports, hangers such as bend, tees, reducers etc. duly insulated with 9 mm thick chemically cross-linked closed cell polyethelene foam				
3.1	25 mm dia pipe with insulation	80	RMT		
3.2	32 mm dia pipe with insulation	60	RMT		
4	Readymade outdoor stand epoxy coated.				
4.1	Cassette AC	7	Nos		
4.2	SPLIT & Cassette AC	2	Nos		
5.0	Drain pump for Split Acs	2	Nos		
6	Civil Work	1	Lot		
	SUB TOTAL WITHOUT TAX				
	Taxes as actual				
	SUB TOTAL WITH TAX				



S.No.	Item	Unit	Qty.	Rate	Amount
1	Final Bill Shall Be Adjusted on final measurement.				
2	Fabrication work will be in costumer scope.				
3	core cutting will be charged extra (If required)				

	GRAND TOTAL				AMOUNT
	ANNEXURE -A (Furniture)				
	ANNEXURE -B (Electrical)				
	ANNEXURE -C (Air conditoners)				
	GRAND TOTAL IN RUPEES				

	TOTAL PROJECT COST WITH TAXES				
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