



(Subsidiary of Punjab National Bank)

PNB House, 4th Floor, Sir PM Road, Fort, Mumbai – 400001

PNB GILTS LTD.

PART B- COMMERCIAL/PRICE BID Tender No. 02/2023

Addendum No. 1 dtd. 04.12.2023

**FURNISHING WORK OF OFFICE AT 2ND FLOOR OF PRAGATI
TOWER, BKC, MUMBAI 400051**

ARCHITECT

SANKALPA ASSOCIATES

ARCHITECTS & INTERIOR DESIGNERS

1001, Eleven Heights, Sant Gora Kumbhar Marg, Kumbharwada, Dharavi, Mumbai 17

Mobile: 9869031498, 8454867686



PNB House,4th Floor, Sir PM Road, Fort, Mumbai – 400001

The Company invites tender for renovation furnishing work of office at 2nd floor of Pragati Tower, BKC, Mumbai 400051.

Amendment in Tender, for which Addendum is issued: In view of queries received from few prospective bidders, Part B of said Tender No. 02/2023 has been amended, placed at Annexure. All the other terms and conditions of the tender shall remain unchanged. Please treat this Addendum as an integral part of the Tender Document issued.

Extension for Submission of bids: Since the aforesaid Amendment in Tender Document has been done; the last date for submission of bids has been extended to 12.12.2023.

Bidders are required to follow same procedure of submission as detailed in Tender. Sealed Bids will be received in the office of the Exec. Vice President, PNB GILTS LTD, PNB House,4th Floor, Sir PM Road, Fort, Mumbai – 400001, up to 15:00 Hrs. on 12.12.2023. Envelope No.1, 2 & 3 will be opened on the same day at 15:30 Hrs.

PART B (Amended)- COMMERCIAL/PRICE BID Tender No. 02/2023 is as under-**PART-B
(COMMERCIAL/PRICE BID)**

INTERIOR WORK OF OFFICE AT PRAGATI TOWER, BKC FOR PNB GILTS LTD.					
No	Description	Quantity		Rate	Amount
A	FURNITURE WORK				
	PARTLY GLAZED FULL HEIGHT PARTITION				
1	Providing and Erecting in position partly glazed partitions (including door) to be made out of 50 mm X 38 mm X 1.2mm thick Aluminum Tubular section frame work 600mm c/c bothways (Vertical & Horizontal) fixed with 50mm X 38mm X 2.0 mm thick Aluminum Angle Cleats covered with 9 mm thick BWR Ply from both the side. Item to include 10 mm thick glass with etching and frosting as per design above 3'0"/4'0" to be fixed with beading. Item to include 2" X 2", 16 gauge Aluminum Framing member for door frame & for Skirting. The aluminum members of partition shall rigidly fixed to the existing Ceiling /Floors /Beams & Side Walls as directed. Having flush door 35mm thk. with glass as per design. The rate should be inclusive of all hard wares like 3 Nos of brass hinges, 1'-0" Ht. H or U shaped S.S. matt steel handles, deadlock, heavy duty door closers/ floor spring of app. company etc. complete as per the designs. All exposed surfaces of the partition shall have 1.0mm thick full body solid core laminate of approved make/color with the provision of grooves if required as per design etc. complete. The necessary openings in the partitions shall be provided for Electrical Conduits, Electrical Switches, A.C. Opening, Fire Detectors, Electric Fixtures, etc. complete as per site requirements/ instructions of the Architect / Engineer. Note: - Height of the partitions upto soffit of false ceiling shall be considered for payment. Rate of Unfinished partition above false ceiling shall not be paid separately should be inclusive in the tender rate.	75	Sq.ft.		
	SOLID FULL HEIGHT PARTITION				
2	Providing and Erecting in position solid partitions (including door) to be made out of 50 mm X 38 mm X 1.2mm thick Aluminum Tubular section frame work 600mm c/c bothways (Vertical & Horizontal) fixed with 50mm X 38mm X 2.0 mm thick Aluminum Angle Cleats covered with 9 mm thick BWR Ply from both the side. Item to include 2" X 2" 16 gauge Aluminum Framing member for door frame & for skirting. The aluminum members of partition shall rigidly fixed to the existing Ceiling / Floors / Beams & Side Walls as directed. Having flush door 35mm thk. with glass as per design. The rate should be inclusive of all hard wares like 3 Nos of brass hinges, 1'-0" Ht. H or U shaped S.S. matt steel handles, deadlocks, heavy duty, door closers/ floor spring of app. company etc. complete as per the designs. All exposed surfaces of the partition shall have 1.0mm thick full body solid core laminate of approved make/color with the provision of grooves if required as per design etc. complete. The necessary openings in the partitions shall be provided for Electrical Conduits, Electrical Switches, A.C. Opening, Fire Detectors, Electric Fixtures, etc. complete as per site requirements/ instructions of the Architect / Engineer. Note: - Height of the partitions upto soffit of false ceiling shall be considered for payment. Rate of Unfinished partition above false ceiling shall not be paid separately should be inclusive in the tender rate.	75	Sq.ft.		
	PARTLY GLAZED LOW HEIGHT PARTITION.				

3	Providing and Erecting in position partly glazed low height partitions (including door) to be made out of 50 mm X 38 mm X 1.2mm thick Aluminum Tubular section frame work 600mm c/c bothways (Vertical & Horizontal) fixed with 50mm X 38mm X 2.0 mm thick Aluminum Angle Cleats covered with 9 mm thick BWR Ply from both the side. Item to include 12 mm thick glass with etching and frosting as per design above 3'0" to be fixed with beading. Item to include 2" X 2", 16 gauge Aluminum Framing member for Skirting. The aluminum members of partition shall rigidly fixed to the Floors, Side Walls, partitions etc. as directed. All exposed surfaces of the partition shall have 1.0mm thick full body solid core laminate of approved make/color with the provision of grooves if required as per design etc. complete. The necessary openings in the partitions shall be provided for Electrical Conduits, Electrical Switches, A.C. Opening, Fire Detectors, Electric Fixtures, etc. complete as per site requirements/ instructions of the Architect / Engineer.	275	Sq.ft.		
FULL HEIGHT 12 MM THK GLASS PARTITION					
4	Providing and Erecting in position 12 mm thk. toughend glass partition (excluding door) with necessary profiles as per design upto 7'0" height and solid partitions above 7'0" height to be made out of 50 mm X 38 mm X 1.2mm thick Aluminum Tubular section frame work 600mm c/c bothways (Vertical & Horizontal) fixed with 50mm X 38mm X 2.0 mm thick Aluminum Angle Cleats covered with 9 mm thick BWR Ply from both the side. The aluminum members of partition shall rigidly fixed to the existing Ceiling /Beams & Side Walls as directed. The Profile Manufacturer to supply all the necessary clips, seals and fixing accessories for the system. All exposed surfaces of the partition shall have 1.0mm thick full body solid core laminate of approved make/color with the provision of grooves if required as per design etc. complete. The necessary openings in the partitions shall be provided for all services etc. complete as per site requirements. Note: - Height of the partitions upto sofit of false ceiling shall be considered for payment. Rate of Unfinished partition above false ceiling shall not be paid seperately should be inclusive in the tender rate.	1400	Sq.ft.		
MD'S TABLE WITH SIDE TABLE					
5	Providing and fixing in position Manager's Table of Godrej or equivalent of size 6'-0" X 3'-0" as per drawing including side storage (Credenza) by using 25mm thick plywood for top and 18mm thick plywood for top and 18mm thick plywood for all other horizontal and vertical members. Telescopic CPU Stand / ready made keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4" X 1 1/2" finished with 0.8 mm white laminate & all exposed plywood of table shall be finished with 1mm thick laminates of approved make and shades as shown in the drawing and all other sides shall be finished with white 0.8 mm laminate.	1	Nos.		
	Drawer units as per drawing shall be provided with multipurpose Godrej locks in each drawer. Facia of drawer unit shall be finished with 1mm thick laminates of approved make and shade and all other sides shall be finished with white 0.8 mm laminate. The drawers will be provided with handles (Stainless steel finish) and channels as per approval of the Project Consultant / Bank.				
	The side Storage (Credenza) shall be provided with handles (Stainless Steel finish) and channels as per approval of the Project consultant / Bank. All exposed plywood surfaces to be finished with 1mm thick laminates of approved make and shade of approved make and shade, and all exposed edges of table top and ply verticals to have 1" and 1/4" T.W. lipping. All exposed T.W. sections to be polished and internal surfaces to have white 0.8 mm laminate as directed. Item to include				

	plywood boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.				
	MANAGER'S TABLE WITH SIDE TABLE				
6	Providing and fixing in position Manager's Table of Godrej or equivalent of size 5'-0" X 2'-6" as per drawing including side storage (Credenza) by using 25mm thick plywood for top and 18mm thick plywood for top and 18mm thick plywood for all other horizontal and vertical members. Telescopic CPU Stand / ready made keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4" X 1 1/2" finished with 0.8 mm white laminate & all exposed plywood of table shall be finished with 1mm thick laminates of approved make and shades as shown in the drawing and all other sides shall be finished with white 0.8 mm laminate.	1	Nos.		
	Drawer units as per drawing shall be provided with multipurpose Godrej locks in each drawer. Facia of drawer unit shall be finished with 1mm thick laminates of approved make and shade and all other sides shall be finished with white 0.8 mm laminate. The drawers will be provided with handles (Stainless steel finish) and channels as per approval of the Project Consultant / Bank.				
	The side Storage (Credenza) shall be provided with handles (Stainless Steel finish) and channels as per approval of the Project consultant / Bank. All exposed plywood surfaces to be finished with 1mm thick laminates of approved make and shade of approved make and shade, and all exposed edges of table top and ply verticals to have 1" and 1/4" T.W. lipping. All exposed T.W. sections to be polished and internal surfaces to have white 0.8 mm laminate as directed. Item to include plywood boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.				
	RECEPTION'S TABLE				
7	Providing and fixing in position Manager's Table of Godrej or equivalent of size 4'-0" X 2'-0" as per drawing including side storage (Credenza) by using 25mm thick plywood for top and 18mm thick plywood for top and 18mm thick plywood for all other horizontal and vertical members. Telescopic CPU Stand / ready made keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4" X 1 1/2" finished with 0.8 mm white laminate & all exposed plywood of table shall be finished with 1mm thick laminates of approved make and shades as shown in the drawing and all other sides shall be finished with white 0.8 mm laminate.	1	Nos.		
	Drawer units as per drawing shall be provided with multipurpose Godrej locks in each drawer. Facia of drawer unit shall be finished with 1mm thick laminates of approved make and shade and all other sides shall be finished with white 0.8 mm laminate. The drawers will be provided with handles (Stainless steel finish) and channels as per approval of the Project Consultant / Bank.				
	RUNNING TABLE				
8	Providing motorized adjustable modular working Table 2'3" wide of Godrej or equivalent with 3/4" thick BWR ply finished with 1mm thick laminates of approved make and shade as per design including keyboard drawer on channel and storage box with 5" high drawer on channel and shutter below with locking arrangement. All internal surfaces to have 0.8 mm white laminate as per Architect's instructions.	105	R.ft.		
	RUNNING TABLE				
9	Providing modular working Table 2'0" wide of Godrej or equivalent with 3/4" thick BWR ply finished with 1mm thick laminates of approved make and shade as per design including keyboard drawer on channel and storage box with 5" high drawer on channel and shutter below with locking arrangement. All internal surfaces to have 0.8 mm white laminate as per Architect's instructions.	24	R.ft.		

	CONFERENCE TABLE				
10	Providing conference Table of Godrej or equivalent 3'0" wide with 3/4" thick BWR ply finished with 1mm thick laminates of approved make and shade as per design with pop-up-box. All internal surfaces to have 0.8 mm white laminate as per Architect's instructions.	8	R.ft.		
	DISCUSSION TABLE				
11	Providing discussion Table of Godrej or equivalent 3'0" dia with 3/4" thick BWR ply finished with 1mm thick laminates of approved make and shade as per design with pop-up-box. All internal surfaces to have 0.8 mm white laminate as per Architect's instructions.	1	Nos.		
	FULL HEIGHT STORAGE / LOW HEIGHT STORAGE / BACK STORAGE (CREDENZA)				
12	Providing and fixing in position full height storage / low height storage / back storage (credenza) of different size and depth as shown in drg. using plywood of required thickness finished with 1mm thick laminates of approved make and shades as shown in the drawing and all other sides shall be finished with white 0.8 mm laminate as detailed therein.	125	Sq.ft.		
	The storage units shall be provided with handles (Stainless Steel finish), brass hinges and locking arrangement as per approval of the Project Consultant / Bank.				
	All exposed plywood surfaces to be finished with 1mm thick laminates of approved make and shade of approved make and shade all exposed edges of plywood to have 1" X 1/4" T.W. lipping. All exposed T.W. sections to be polished in matching colour laminate and internal surfaces to have white 0.8 mm laminate as directed. Item to include all necessary hardware and fittings in Stainless Steel finish, Godrej multi purpose locks including magnetic ball catcher etc. complete in all respects.				
	SOFT BOARD				
13	Providing and fixing 1/2" thick soft board to be fixed on 6mm thick ply & to be covered with woolen felt of approved colour including side lipping patti etc. complete.	50	Sq.ft.		
	PANELING TO COLUMNS & WALLS				
14	Providing & making paneling with 12 mm thk plywood or 6 mm thk. Plywood & T.W. members at 24" c/c finished with 1mm thick laminates of approved make and shade as specified by Bank etc. complete.	1500	Sq.ft.		
	KEY HANGING CUPBOARD				
15	Providing & making key hanging cupboard with 3/4" thk. BWR ply and 6mm thk ply for back as per detailed drawing including brass hinges, handles and locking arrangement, all exposed surfaces to be finished with 1mm thick laminates of approved make and shade & 0.8 mm white laminate from inside.	1	Nos.		
	ENTRANCE DOOR				
16	Providing and erecting main entrance door with T.W. frame 6" x 2" with two shutter to be made out of 4" x 2" T.W. top, bottom, side rail as per design with 12 mm thk. glass including frosting / etching as per the design. The S.S. door handles to be fixed on both sides of the door as per the design. The door to have polish and heavy duty floor springs of Everite or equivalent with tower bolts, locks etc. as per design. Item to include floor springs, lock all necessary hardware of Stainless Steel finish as approved by the Project Consultant / Bank complete in all respects.	45	Sq.ft.		
	ROLLER BLINDS				
17	Providing and fixing Roller blinds as per the approved design and shade including standard fitting as per the manufacturer's specifications.	540	Sq.ft.		
	PLANTER BOX				
18	Providing and supplying planter box to be made out of 19 mm thk. ply to be finished from out side with 1mm thk. Approved laminate and inside with paint as per the direction etc. complete.	10	Nos.		

	ARTIFICIAL PLANT				
19	Providing and supplying artificial plants approved by Architect, with moss and necessary stand for holding the plants as per the approved sample including brass vas. (The basic rate of Rs. 1500/-)	10	Nos.		
	3 SEATER SOFA				
20	Providing, fabricating & supply of following with upholstered designer 3 seater arm rest sofa with wooden frame work, no sag springs for seats, sofa made to size, shape & design with 4" thk high density rubber foam for seat & 3" thk for back & arm rest covered with 12mm thk polyfoam & covered with white Markin cloth. Entire sofa to be covered with approved leatherite / fabric all over or at the front with exposed TW/SB band finished with melamine. (Basic cost of the leather / fabric 450 per mtr)	1	Nos.		
	2 SEATER SOFA				
20	Providing, fabricating & supply of following with upholstered designer 2 seater arm rest sofa with wooden frame work, no sag springs for seats, sofa made to size, shape & design with 4" thk high density rubber foam for seat & 3" thk for back & arm rest covered with 12mm thk polyfoam & covered with white Markin cloth. Entire sofa to be covered with approved leatherite / fabric all over or at the front with exposed TW/SB band finished with melamine. (Basic cost of the leather / fabric 450 per mtr)	1	Nos.		
	FAÇADE OF ENTRANCE DOOR				
21	Providing and fixing in position Aluminium composite panel boxing with PVDF coating and LDPE copre laminated Euroband / Altobond / Alukbond Exterior Grade 4 mm thick with composite of (0.5mm – 3mm – 0.5mm) including fabrication for the same with aluminium sections, required hardware, silicon sealent (Dow Corning 789) masking tape, necessary scaffolding etc. as detailed in drwing no. (11) complete in all respects.	100	Sq.ft.		
	CARPET				
24	Providing & Fixing Carpet	1250	Sq.ft.		
	TOTAL OF FURNITURE WORK				Rs.
B	FALSE CEILING WORK				
	FALSE CEILING (ARMSTRONG)				
1	Providing and fixing in position false ceiling in Armstrong 600 X 600 mm X 15/16 mm Dune Supreme RH 99 Prima tile with Tegular Edge framework as specified by Armstrong Co. with suspenders wherever required. Making necessary framework for A.C. ducting, if any, and necessary cutouts for diffusers and light fittings, taping and finishing to proper line and level, including making grooves and trap doors for A.C. unit in 18mm thick M.R. Grade Plywood with Stainless Steel hinges and locks with moulding 1" X 1" for edges including finishing with White Plastic Emulsion Paint etc. complete in all respect. (Note :- Only the plan area will be measured for payment. No extra payment will be made for cutouts, grooves, mouldings etc.)	620	Sq.ft.		
	FALSE CEILING (GYPSUM BOARDS)				
2	Providing and fixing in position false ceiling in Gypboard 12mm thick for horizontals and verticals fixed over G.I. framework as specified by India Gypsm Co. Ltd. including trap door for A.C. unit in 18mm thick M.R. Grade Plywood with Stainless Steel hinges and locks with moulding 1" X 1" for edges including finishing with White Plastic Emulsion Paint etc. complete in all respects. (Note :- Only the plan area will be measured for payment. No extra payment will be made for cutouts, grooves, moulding, etc.)	1350	Sq.ft.		
	TOTAL OF FALSE CEILING WORK				
D	PAINTING WORK				
	PLASIC PAINT				

1	Providing and applying Plastic paint of Asian Paints / ICI Dulux/Berger in minimum 2 coats including scrapping, opening of existing cracks, filling up of "V" cracks with epoxy expandable putty to required depth, making good weak plastered / unplastered surfaces with cement plaster wherever required. Item to include Plaster of Paris, primer, palti and making good existing surface to receive new paint including cleaning on completion of painting work etc. complete in all respects.	1500	Sq.ft.		
SYNTHETIC ENAMEL PAINT					
2	Providing & supplying all materials and application of one coat of primer paint two coats synthetic enamel paint of approved colour and manufacture including preparation of surface, scaffolding etc., complete including all materials as per specifications and directions of Architects.	750	Sq.ft.		
TOTAL OF PAINTING WORK					
E	CHAIRS				
	CHAIRS				
1	Providing and supplying chairs of approved design and make including the stand with five flanged with castors of approved make including foam and fabric of approved quality as per the design and instructions.				
a	High back executive chairs for Manager.	4	Nos.		
b	Medium back chair with revolving & tilting adjustment for Officer.	44	Nos.		
c	Low back chairs with revolving adjustment for visitors.	5	Nos.		
TOTAL OF CHAIRS					
TOTAL					
				Rs.	

ELE. WORK OF OFFICE AT PRAGATI TOWER, BKC FOR PNB GILTS LTD.					
I	MAIN LT PANEL /DBs				
1	Supply and installation of main LT panel, 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 after 7 Tank treatment, incorporating horizontal and vertical sleeved copper busbars, complete with all internal wiring, danger board, 2 earthing legs, cable chamber etc as required, housing below mentioned switch gears / meter (GA drawing of the panel got to be approved by Bank / Architect)				
a	1No.,100A,FP, Changeover Switch + 1 no. , 100A,TP, MCCB with ELR(0-3A) and CBCT as Incomer				
b	2 nos. 40A TPN & 4 nos. 40 A DP, MCB, 2 Nos 63 A TPN MCCB outgoing				
c	1 no., 0-125A, Ammeter with CTand selector switch				
d	1no., 0-500V, Voltmeter with selector switch and fuse				
e	1Set, TPN, Copper busbars of size 20mm x 5mm thk PVC insulated suitable for 125 Amp load				
f	1 Set, RYB, indicating lamps with resistors and fuses				
	Full Set as above	1	SET		
2	Supply and installation of 4 way, TP&N 'MCB type Distribution Board(double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring, complete with earthing legs, housing following switch gears (Double door HORIZONTAL DB) - lighting db				
a	1 no., 40A, TPN, ELCB(100mA) incomer				
b	12 nos, 16A, SP, MCB outgoing				
	Full Set as above	1	SET		
3	Supply and installation of 4 way, TP&N 'MCB type Distribution Board(double door) flush mounted on wall, sheet metal fabricated,				

	powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring, complete with earthing legs, housing following switch gears (Double door VERTICAL DB) - power db				
a	1 no., 63A, TPN, MCCB incomer				
b	12 nos, 25A, SP, MCB outgoing				
	Full Set as above	2	SET		
4	S & I of SPN, DB for distribution of input power to UPSs as per SLD having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) (UPS-INPUT & ATM Room-HORIZONTAL DB)				
a	1 no,40A, DP, Isolator incomer				
b	3 Nos. 40A, DP, MCB, outgoing				
	Full Set as above	2	SET		
5	S & I of SPN, DB for distribution to all computer power points on workstations, having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) (UPS-OUTPUT-DB)				
a	1 no, 63 A, SPN, MCB, incomer				
b	6nos, 16A, SP, MCB, outgoing				
	Full Set as above	2	SET		
6	S & I of 20A, metal clad 3 pin socket with plug top along with 1no. 20A, SP, MCB, all housed in sheet metal powder coated 20 A DP MCB box for giving supply to A/C machines & power supply to Strong room. Rate includes 2 x 4 + 1 x 2.5 sq.mm copper wires circuit through 25 mm HMS PVC conduit.	30	Nos.		
8	S & I of SPN D/D consumer Unit with 8 ways with suitable DP incomer and SP out going MCB's for Signage.	1	Nos.		
9	15 AMP Three Pin Top	7	Nos.		
10	63 amp 4 POL MCB + MS BOX	10	Nos.		
	Sub Total				
II CABELS / MAINS					
1	S & I of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes including S & I of end termination of above mentioned cables including compressed type brass glands, crimping type coper lugs, insulation tape etc. as 'required complete with earthing of glands in following sizes.				
a	4C x 6 Sq.mm Copper	20	Mtr.		
b	4C x 2.5 Sq.mm Copper	20	Mtr.		
c	2C x 4.0 Sq.mm Copper	15	Mtr.		
d	2Cx 10Sq.mm Copper	15	Mtr.		
	Sub Total				
III WIRING					
1	Supply & Installation of concealed point wiring using 600V grade 2.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires from the relevant DB and also including 1.5 Sq.mm Green Colour Copper earth wire and provision of grid plate type (ROMA) switches and sockets as approved by Bank / Architect. Each circuit feeding not more than 8 points / 800 W as per the following configuration.				
a	Primary light points including the cost of 5A switch	80	Pts.		
b	Secondary light points looped from the above point	20	Pts.		
c	5A plug point as primary point	15	Pts.		
d	Secondary 5A Plug point on switch board	10	Pts.		

e	15A Plug Point directly taken from DB for hotplate/geyser / zerox / fridge	3	Pts.		
f	Exhaust fan point consisting of 5A socket near fan and switch on light switch board	3	Pts.		
h	S & I of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X 2.5 Sq.mm Cu. PVC sheathed white color flexible cable pulled through above False ceiling and cutting the walls as raceways are not provided and taken upto table top using PVC rigid or flexible conduits run within wooden or metal partitions. Each point consisting of 3 Nos of 2 / 3 Pin sockets and 1 No 15A switch, wired together forming one point. Switches and sockets to be (ROMA). Earth wire to be of Green colour only. (Only 2 tables served by one circuit from UPS DB) Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires.	100	Pts.		
i	S & I of points similar to above but to be used as raw power point on the tables consisting of one 5/15A socket with switch of other color and flexible cable of black color & circuit taken from Lighting DB (4 tables served by one circuit from LDB/PDB) Taken Above False ceiling and through walls as raceways are not provided. Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires.	35	Pts.		
Sub Total					
IV FLOOR -RACEWAYS:					
1	S & I of floor - raceways consisting of 2 Nos of 3" x 1.5"x 3mm thick rectangular aluminium anodized box sections including chasing and refilling as per the route shown in the drawing and as approved by consultant at site including clamping at every open pipe ends by suitable plastic end covers against entry of dust or anyother foreign material.	50	Mtr.		
2	S & I of galvanised floor junction boxes with SS brushed finish 14 SWG (2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 300mm x 300mm x 2.5 mm depth, fabricated out of 2.5 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed.	15	Nos.		
Sub Total					
V FITTINGS & FIXTURES					
1	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.				
a	40/36 watt LED light fitting	28	Nos.		
b	1 X 36/18W Miroлта Patti Tubelight having white end caps & 4Mfd capacitor with lamp	10	Nos.		
c	16/15 watt LED light fitting	35	Nos.		
d	LED picture light fitting	10	Nos.		
e	250mm dia wall mounted exhaust fan of decorative plastic body and blade with louvers on the outside (Newtek/Cromton/Approved Equivalent)	3	Nos.		
f	Supply, Installation, Testing & Commissioning of 48" ceiling type fans 230V Single phase, electronic fan regulator, S type hook, with all accessories. The rate shall include connection with 3 core 1.5 sq.mm. flexible copper cable from point to the ceiling fan.	1	Nos.		
g	Supply, Installation, Testing & Commissioning of wall mounted fan with all accessories. The rate shall include connection with 3 core 1.5 sq.mm. flexible copper cable from point to the fan.	1	Nos.		
Sub Total					

VI	EARTHING				
1	S & I of copper /GI earthing wires/strips in following sizes				
a	8 SWG copper bare wire	10	Mtr.		
b	25mm x 3mm thick GI strip	10	Mtr.		
2	S & I of isolated earthing / grounding system for computers etc.using insulated green copper earthing wire laid through 20mm PVC conduits from separately made earth pit to the equipment in following sizes				
a	6 sqmm copper in 20mm PVC conduit	40	Mtr.		
	Sub Total				
VII	MUSIC - CUM - PA - SYSTEM				
1	S & I of point wiring for music - cum PA system comprising of 2x 1.0 sqmm stranded , copper conductor , flexible PVC insulated and PVC Sheathed wire pulled through 20 mm dia .PVC heavy gauge conduits and looped from one speaker to other and to the volume control and control switch wherever applicable and finally terminated at Tag Block.	15	Pts.		
2	S & I of Philips / Bosch/Ahuja make music speaker flush mounted on the false ceiling with proper clamping arrangement	15	Nos.		
3	S & I of volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches .The size and plate of the regulating knob should match with other switches nearby (MK make)	1	Nos.		
	Sub Total				
IX	WIRING FOR DATA AND VOICE OUTLETS				
1	Providing and laying Cat 6 cable (Make : Systimax) for data in conduits and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule etc. complete.				
a	RJ-45 for data points (Through wall, false ceiling, raceway)	100	Pts.		
b	Rearranging Rack switch, panel etc.	1	Nos.		
e	Supply and fixing of 1 meter long factory crimped patch cord.	100	Nos.		
f	Supply and fixing of 2 meter long factory crimped patch cord.	100	Nos.		
2	Providing and laying Cat 5 cable (Make: D-Link) for voice in existing conduits for voice and providing & terminating with RJ-11 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminate the other end with RJ-11 connector or on a Crone module with numbering of each cable with Ferule				
a	RJ-11 for Voice (Through wall, false ceiling, raceway)	32	Pts.		
3	Providing, laying and connecting PVC insulated copper telephone cable of following sizes including termination in approved manner.				
a	20-pair	20	Mtr.		
4	Providing and fixing of telephone tag block (Krone) of following sizes housed in GI box with cover of suitable size including termination				
a	20 pair	2	Nos.		
	Sub Total				
	GRAND TOTAL				
AIR CONDITIONING WORK OF OFFICE AT PRAGATI TOWER, BKC FOR PNB GILTS LTD.					
No.	Description	Quantity		Rate	Amount
1	Providing, installing, and commissioning 1.5 TR High wall Split Air Conditioners of approved make including 3 mtr. Cu. Pipe & cordless remote. Voltas- 5 Star, Inverter Type	3	Nos.		
	Total of Machines			Rs.	
	INSTALLATION				

2	M.S. stand/ M.S. grill lockable cage for outdoor units: (Gallery) Supplying , fabrication and Installation of M.S. base frame/ M.S. grill lockable cage for Out door units complete with epoxy painting, vibration isolating pads, supports, hangers, basket etc. complete	3	Nos.		
3	Copper Pipe (If Required): Providing, supplying, installation and commissioning of hard copper piping (5/8" and 3/8") of required length from indoor to outdoor units with fitting elbows supporting arrangement on wall/ceiling, making holes in wall, filling the same etc. complete. The length of piping will be measured only after 4 mtrs. Copper piping.	60	R.Mtr.		
4	Providing, supplying, laying and commissioning of 4 Core X 2.5 Sq.mm. electrical copper cable of required length with supporting arrangement on wall/ceiling, making holes in wall, filling the same etc. complete.	65	R.Mtr.		
5	SITC of GI Ducting Factory Fabricated with Duct Mate Flanges as per SMACNA for supply air, with 19 mm insulation of Closed Cell Rubber Nitrile Armaflex Class "O".inclusive of supports 8 mm GI Threaded rod and C channel or Slotted Patt. The GI sheet shall be of 180 GSM coating				
a	24Guage GI Rectangular Duct	30	Sq.Mt.		
b	22Guage GI Rectangular Duct	30	Sq.Mt.		
6	Duct Acoustic Insulation applied inside of duct work with 25 mm thk rigid Fibre Glass 48 Kg/Cum density covered with RP tissue and finished with 26 G Al. Perforated Sheet. Fibre glass should be of Fire Retarded Material.	60	Sq.Mt.		
7	Preinsulated flexible duct with end clamps as required in various sizes as below. The duct shall fire retardant UL standard approved.				
a	100 - mm Dia	5	R.Mt.		
8	Al Powder coated Jet diffuser - size 350 mm	4	Nos.		
9	Aluminium Powder Coated Supply and Return Air Linear Slot Diffuser , with Volume control damper. The diffusers shall be with the following neck sizes. 20 mm Slot- 8 Slot -1000 mm Length-Neck Size -285 mm	4	Nos.		
10	Aluminium Powder Coated Supply Air Square Diffuser , with Volume control damper. 600 mm X 600 mm	4	Nos.		
11	Aluminium Powder coated contineous grill without dampers. all sides flanged, as per site requirement. The grill shall be in accordance with the architectural curve/ Line of the False ceiling. And used as dummy grille. The grill shall be of radius as per architectural details.	4	Sq.Mt.		
12	Duct type volume control dampers of GI Construction with OBD	2	Sq.Mt.		
13	Cleaning ducts	1	Job		
14	Drain Piping: Providing, supplying, laying and commissioning of 1" PVC Drain water pipe from indoor unit to the proper drain inside or outside the premises as directed by Architect including fitting, accessories, bends, elbows, supporting arrangement on wall/ceiling, making holes in wall, filling the same etc. complete.	60	R.Mtr.		
	Total of Lowside work		Total		Rs.
	Add GST 18%				Rs.
	Total of Lowside work with GST				Rs.
	Total				Rs.
	SUMMARY				
A	Furniture Work				Rs.
B	False Ceiling Work				Rs.
C	Painting Work				Rs.
D	Chairs				Rs.

E	Electric Work			Rs.	
F	Air Conditioning Work Low Side Work			Rs.	
G	Air Conditioning Work High Side Work			Rs.	
	Total			Rs.	
	Add GST 18% for A to F			Rs.	
	Add GST 28% for G			Rs.	
	Total			Rs.	
<p>NOTE : The above quantities are approximately taken for estimation purpose they may increase or decrease. Contractor will be paid for actual work executes against each item. Brief specifications are given for each item. Minor verification in design and specification for each item are likely for which no extra payment will be given. Any of these items may be cancelled.</p>					
<p>NOTE :- Cost inclusive of all taxes other than GST. The Contractor estimate shall also include MMC / Local Authorities Permission for smooth functioning the work.</p>					
<p>Rate shall be inclusive entire Air conditioning equipment including A. C. units complete with required accessories.</p>					
<p>Rate shall be inclusive vibration isolation pads/mountings for the equipment.</p>					
<p>Rate shall be inclusive condensate drain water piping from the A. C. units to the drain point.</p>					
<p>Rate shall be inclusive necessary fixing arrangement for equipment through fasteners, studs, bolts, washers etc. Necessary M. S. structural supports for condensers as specified</p>					
<p>Rate shall be inclusive necessary erection, testing and commissioning of the entire A. C. system to give satisfactory performance.</p>					
<p>Rate shall be inclusive electrical work comprising , outgoing power and control cables from the individual Electrical Panel for the A.C. To the Indoor unit and The outdoor unit or the Compressor Unit complete.</p>					
<p>Rate shall be inclusive making openings in civil work for passing the drain piping & Ref. Piping & making good of the same by sand cement plaster finish.</p>					

Seal & Sign of Bidder

Place:

Date:



