



**PREMISES DEPARTMENT
ZONAL OFFICE JHANSI**

**TENDER DOCUMENT FOR
INTERIOR FURNISHING, ELECTRICAL INSTALLATIONS, LAN DATA
CABLING & AIR CONDITIONING WORKS AT INDIAN BANK –
ZONAL OFFICE, JHANSI, 92, CIVIL LINES, JHANSI DISTRICT – JHANSI**

PART II – FINANCIAL BID

Ref: No : ZO:JHI:PRM:2022-23:14
Date : 15/03/2023

Issued to:

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Last date for submission of Bid	05/04/2023 upto 15:00 HRS at Indian Bank, Zonal Office, Premises Department, 92, Civil Lines, Bank Chauraha, Jhansi - 284001
Date of Opening of Technical Bid	05/04/2023 at 16:00 HRS at Indian Bank, Zonal Office, Premises Department, 92, Civil Lines, Bank Chauraha, Jhansi - 284001
Date of Opening of Financial Bid	To be intimated separately to the Firms Qualifying in Technical Bids

CONSULTANT:

M/s Bharat and Associates
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A INTERIOR FURNISHING AT ZO JHANSI					
S. NO.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE PER UNIT (Rs.)	AMOUNT (Exclusive of GST) (Rs.)
1.0	SUSPENDED FALSE CEILING				
1.1	GYPSON FALSE CEILING WITH COVE				
	Providing, fabricating and erecting in position totally flushed suspended false ceiling with 12.0mm thick Gypsum board, fixed to a metal frame work comprising of ceiling channel of size 80mmx26mmx0.5mm @ every 457cm centre, inter channel 45mmx15mmx0.9mm @ every 1220 cm centres, peri-meter channel 20mmx26 mm all along the wall/partitions, strap hanger suspenders 25mmx0.5mm with nuts and bolts 6.4mmx12.7mm, connecting clips 2.6mm thick, dry walls screws 25m long, soffit cleats 27mmx37mmx25mmx1.6mm thick and dash fasteners / rawl plugs 12.5 mm diax35mm long with 6mm dia bolts etc. complete with recommended fillers, paper tapes and applying two coats of acrylic emulsion paint of approved shade and make over a coat of primer including making necessary cut outs for light fittings/ ACs etc. complete as per manufacture's specifications. (Quantity as per layout plan/site requirement)	Sq. ft	840.00		
1.2	FALSE CEILING (ARMSTRONG CEILINGS – FINE FISSURED MICROLOOK EDGE WITH SILHOUETTE GRID (BLACK REVEAL))				
	Providing and fixing false ceiling system manufactured by M/s. Armstrong World Industries using hot dipped galvanized steel section, rotary stitched main tee of size 15mm x 42 mm web height, having 0.36 mm gauge at every 600 mm centre to centre maximum and rotary stitched cross tee of size 15 mm x 42 mm, having 0.33 mm gauge at every 600 mm. c/c. and wall angle of size 19 x 19 mm., having 0.35 mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c. in both directions using 2.0 mm. thick pre-straightened GI wire laying FINE FISSURED MICROLOOK WITH SILHOUETTE GRID(BLACK REVEAL) ceiling tiles manufactured by M/s. Armstrong World Industries, of size 600mmx600mmx15mm having NRC 0.55, Light reflectance of >84% (WT), thermal conductivity k = 0.052-0.057 W/mOK, Humidity Resistance of 99% , having Fire Performance CLASS O / CLASS 1 (BS 476), surface having 3 coats of white paint with Fine Fissured, back of the tile duly sanded and finished with a coat of protective paint.	Sq. ft	850.00		
1.3	MS TUBE FOR PROVIDING BASE FOR HANGING FALSE CEILING				
	Providing and fixing frame work for false ceiling made of 75x38.1x1.5 mm hollow MS tube, placed along ceiling floor in a grid pattern with spacing @ 240 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall with steel dash fasteners of 8 mm dia, 75 mm long bolt	Kg.	180.00		

	including providing with two coats of approved steel primer etc. complete, all as per direction of Engineer-in-charge.				
2.0	WALL PANELLING & COLUMN ENCASING WITH DIFFERENT LEVEL INSTRUCTION AS PER ARCHITECT /				
	<p>Supplying and erecting Wall paneling / Column encasing (up to false ceiling) as per drawing and design and conforming to the following specifications :</p> <p>Basic frame work: Framing shall consist of Heavy duty Aluminum Box Sections 50mm x 50mm x 2 mm thick @ 600mm c/c both ways Horizontally and Vertically. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. Vertical members shall be suitably anchored at ceiling level to ensure rigidity.</p> <p>Skin membrane : 9 mm thick BWP grade plywood on face.</p> <p>Finishing : 1.0mm thick laminate sheet of same or combination shades with grooves as per instructions.</p> <p>Skirting: 100 mm high laminate of approved make & shade all as directed.</p> <p>Top Border: 150 mm high laminate of approved make & shade all as directed.</p> <p>Note: Quoted rates shall include all necessary materials, accessories and labour and also for making provisions for electrical/telephone/computer wiring, conduits and switch boxes, etc. where ever required. (quantity/location should be restricted only to the central pillars in Banking hall/to hide electrical pipes/AC drain pipes/any prime location)</p>	Sq. ft	200.00		
3.0	PARTITIONS				
3.1	<p>Supply and erecting low/full height opaque partitions conforming to the following specifications : include in front of officer counter notice board whenever required.</p> <p>Basic frame work: Framing shall consist of Heavy duty Aluminium Box Sections 50mm x 50mm @ 600mm c/c both ways Horizontally and Vertically. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. Vertical members shall be suitably anchored at ceiling level to ensure rigidity.</p> <p>Skin membrane: 12 mm thick BWP grade ply on each face up to 900mm height.</p> <p>Glazing: 12mm glass in remaining portion,</p> <p>Finishing: 1.0-mm thick laminate of same or combination shades with grooves as per instructions.</p> <p>Edge moulds: All free top/ end surfaces shall have polished teak / steam beech wood moulds of approved shape (from 18 x 50mm sections).</p> <p>Skirting- 100mm high laminate of approved make & shade all as directed.</p> <p>(Quoted rates shall include all necessary materials,</p>	Sq. ft	615.00		

	accessories and labour and also to make provisions for electrical / telephone / computer wiring conduits and switch boxes, etc. (Materials for wiring, conduits, switches etc. shall be separately paid for)				
3.2	SUPPLY AND SET IN POSITION OF CUSTOM MADE DOUBLE SKIN FULL HEIGHT PARTITION This partition shall be comprising of Aluminum Box Section of 2mm thickness of 50 x 50 mm vertically at about 60cm centres varied along column wall ends, junctions of walls as necessary. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. Vertical members shall be suitably anchored at ceiling level to ensure rigidity. Lining Work includes 12mm thick Calcium Silicate Board of approved make on both sides of framework from floor level to 6" above false ceiling level. Jointing and finishing should be flush look which includes filling and finishing with compatible filler compound / Silicon based putty and self adhesive fibre mesh and applying two coats of approved colour emulsion paint finish with necessary primer putty and primer including provision of electrical sockets, scaffolding, etc. It also includes providing 50mm thick resin bonded mineral wool of density 50 kg/m ³ (glasswool, rockwool) insulation bonded with fibercloth on both sides as per ASTM / ISO Standards fixed inside the complete partition.	Sq. ft	150.00		
3.3	Supply and Erecting Bison Panel Board Partition & Door for UPS area. The framework shall consist of Aluminum Box Section as per the specifications mentioned above. The framework shall be than covered with 8mm thick Bison Panel on both the sides and also in the external periphery of the framework. A glass panel of 9" x 2'6" shall be provided at eye level on the door with necessary framework, sections, beadings, etc. All external surfaces of the Bison Panel shall be covered in 1 mm thick laminate of approved shade. The door shutter will have required hardwares such as heavy duty Fire Resistant door closer, locks, hinges, etc. All in SS Brush Finish.	Sq. ft	60.00		
4.0	COUNTER / CONFERENCE TABLE				
4.1	OFFICERS COUNTER Supplying and erecting counters (Running tables of Size - 4'6" x 2'6" x 2'6") including drawer-cum- cabinet unit for files, space for computer CPU, wire managers, modesty panel, tea tray etc. made with 18 mm thick BWP grade ply board on top and supporting sides / front with necessary well seasoned Malaysian Sal/ Kail/ Mirandi wood frame work. Top & Sides with 1.0mm thick laminate of approved shade/make finished on sides with 1.0 mm thick laminate of approved shade and quality, including providing and fixing 450mm long key board tray of approved shade, hardware and accessories at each of the counter. All exposed edges of ply board are to be provided with half round teak wood mouldings, duly polished and	Feet	80.00		

	100mm high laminate of approved make & shade all as directed. Inner Face of the Running Counter shall be finished with 0.8mm thick Off-White Laminate Skirting: 100mm high laminate of approved make & shade all as directed. Rate to include charges for brass hardware fittings as well as fixtures like sliding gear for drawers of 'Earl Behari' or equivalent approved make.				
4.2	Conference Table with glass (Size/Shape : As per Drawing).	Sq. ft	145.00		
4.3	RECEPTION TABLE AS PER DRAWING Providing and fixing of aluminum grill with square size 75mm x 75mm – 8mm, on top of the cash cabins etc. The grill shall be tightly stretched and nailed to a wooden frame work, made out of 50mm x 40mm teak/hard wood (with anti-termite) members at 750mm c/c approx. both ways or as per site conditions. The erection of framework shall include for expansion bolts cleats, clamps bolts, nuts, screws, rivets and other accessories. All teak wood surfaces shall be painted with two coats of synthetic enamel over one coat of primer. The rate shall include cost of all materials, labour, T&P, wastages, etc. required for proper completion of work, all complete to the satisfaction of the Bank.	Nos.	1		
5.0	DOORS				
5.1	ENTRANCE DOOR Supplying and fixing of Teak Wood Panelled door frame and shutter for the main door as per detailed drawing. The frames to be of size 75mm x 200mm teak wood 1st quality fixed to the masonry wall using hold fast / anchor fasteners. The door is to be designed using teak wood top, bottom and side rails using 8mm glass panels with bevelled edges as per the designed mentioned in the drawing to provide look of French Patio Double Door using all with necessary hardware as per design and detail. The cost includes planing, necessary rebates, etc. The Shutter to be fixed with 4 No.s of ms hold fast each on either side. The job also includes cost of providing & fixing heavy duty double action hydraulic floor spring (ISI mark) in the floor, fixing the door on it, including necessary fixing materials on the lintel/bottom, bolts, locks & satin finish stainless steel decorative tubular handles(approx.450 mm long) on both faces complete as per drawing and instructions. All members to be 16 gauge.	Sq. Ft	80.00		
5.2	PARTLY GLAZED DOORS				
	Supplying and fixing in position 32 mm thick solid core hot pressed phenol formaldehyde bonded partly glazed flush door shutter of approved make finished up to 900 mm from floor level with 1.00 mm thick laminate of approved quality on both sides of the door shutter & beading on edges. The upper	Sq ft	40.00		

	portion of the shutter is to be provided with 12 mm thick clear float glass fixed with white or steam beech wood glazing beads of approved design, complete as per drawing. Rate to include cost of hardware fittings e.g. mortise lock, hinges, handles, door closer etc. of approved make and quality.				
6.0	OTHER ITEMS				
6.1	LOW /OVERHEAD / FULL HEIGHT STORAGE CABINET P/F in position 450mm deep storage full ht./low ht. cabinets having sides partitions, shelves & shutters, fabricated out of 19mm BWR & 6mm th.BWR Plywood back, with all exposed surfaces & inside of shutters/internal base of drawers to be finished with 1mm thick laminate i/c 31x31mm rounded steem beech wood moulding & 6x19mm steem beech wood edging on edges of comm. board as/arch. drg. complete with shelves, shutter, drawers etc. i/c P/F necessary hardware telescopic channels for drawers of Hettich, S.S. piano hinges as/appvd. sample, Hettich handles(as/appvd. sample)in all drawers & shutters, locking arrangement,75mm brass tower bolts, Hettich locks in all shutters & drawers, magnet catcher, painting the exposed internal surfaces of block board with 2-3 coats of synthetic enamel paint with melamine finish on wood surface as per arch.drg.)	Sq ft	500.00		
6.2	OVERHEAD CABINET FOR PANTRY Providing and fixing in position 300mm deep storage Overhead Cabinets having sides partitions, shelves shutters, fabricated out of 18mm commercial ply & 6mm thick comm. plywood back, with all exposed surfaces to be finished with 1.0 mm thick. Laminate of appvd. shade & all internal surface to be finished with 2-3 coats of synthetic enamel paint as per architectural drawing Item include providing & fixing 31x31mm rounded S B wood moulding 6x19mm SB wood edging on edges of commercial ply as per arch. drawing complete with shelves, shutters drawers etc. include providing and fixing necessary hardware, stainless Steel piano hinges as per approved sample, 150mm long S.S handles as per approved sample of rate not less than 160/- per piece locking arrangement, S.S. tower bolts, Hettich/ Godrej make multipurpose lock, magnet catcher, complete to the satisfaction of the Architect/Bank's Engineer. as per arch. Drg	Sqft	22.50		
6.3	LOWER CABINET BELOW PANTRY SLAB (600 MM DEPTH). P/F in position 600mm deep storage cabinets (below pantry counter)having sides partitions, shelves, drawers & shutters, fabricated out of 18mm comm.ply & 6mm thick comm.. Plywood back, with all exposed surfaces & inside of shutters finished with 2-3 coats of synthetic enamel pain of as per arch drg i/c 31x31mm rounded steem beech wood moulding & 6x19mm steem beech wood edging on edges of comm. board as per arch drg complete with shelves, shutter etc.i/c P/F necessary hardware, S. Steel piano hinges as/appvd. sample, 150 mm long S.S handles of rate not less than RS. 160/- per piece (as per appvd. sample) locking arrangement, 75mm S.S	Sq ft	15.00		

	tower bolts, Efficient make multipurpose lock, magnet catcher Hettich telescopic channels for drawers painting the exposed internal surfaces of comm. ply with 2-3 coats of synthetic enamel paint & melamine finish on wood surface.				
6.4	LOUVERED SHUTTER CABINET FOR ELECTRICAL MAIN PANEL Providing and fixing 1'4" deep electrical panel cabinet. The basic structure of cabinet includes dividers and shelves made up of 18 mm thick Bison panel sheet. It shall have openable shutters with louvers and shall be made with 2" x 1" x min 1.8mm thick aluminum section framework covered with 6mm bison panel sheet on all sides with 16 Gu. Powder coated perforated S.S. Sheet as infill material. It will have 1mm laminate on outside surface as per Architect & Bank's Instructions. The entire unit shall finish with paint on internal surface. The rate includes all the hardwares, labour, scaffolding, etc complete	Sq ft	40.00		
7.0	FIXTURES				
7.1	DZM / CM TABLE WITH SIDE CREDENZA Providing and placing in position tables with top, vertical sides/dividers, skirting and modesty panel made out of 19mm thick commercial plywood with 1mm thick laminate (as/shade approved by the Architect) on all exposed surfaces and all internal surfaces, Leg space all CPU area, inside of keyboard drawers, inside of shutters & base surface of drawers to be finished with 0.75mm th.laminate. It shall also have 75mm x 40mm teak wood runners below the top and for footrest below. The fascia of drawer and shutter of cabinet below shall be made out 19mm thick plywood with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick water proof ply. Every table shall be provided with a movable pedestal unit (size – W-465mm, H-720mm, D-450mm approx.) below. The table shall have 100mm deep fascia, below the top, in which keyboard drawer unit shall be adjusted. It shall be made out 19mm thick plywood with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick water proof ply. The unit shall have CAM locks, handles, guides, sliding units etc. of approved make. The job shall include for 6mm x 6mm grooves in between sides and open able drawers and hinged shutters. All the exposed edges of ply wood shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be melamine polished and other internal surfaces except those as mentioned above shall be painted with two coats of synthetic enamel over one coat of primer, all complete to the satisfaction of the Architect. Every table top shall be provided with 12 mm thick float glass (as per profile) with polished and beveled (25mm wide) edges all complete to the satisfaction of the Architect.				

7.1.1	Approx Size : 4.6' x 2.5' x 2.5' (WITHOUT GLASS)	No.	7		
7.1.2	Approx Size : 5' x 3' x 2.5' (WITH GLASS)	No.	4		
7.1.3	Approx Size : 6' x 3' x 2.5' (WITH GLASS)	No.	1		
8.0	MISCELLANEOUS ITEM				
8.1	NOTICE BOARD Providing and fixing in position notice board (as per design) of size – 900mm x 600mm x 150mm. The sides shall be made out of 19mm thick water proof board with 1mm thick laminate (as per shade approved by the architect) on all exposed surfaces. It shall have 12mm thick tack The front shall have 6mm thick float glass sliding shutter in two parts. It shall also have 19mm wide two track aluminum channel for sliding arrangement, all around, along with locking arrangement. Board (Make – Cellotex or equivalent) wrapped with stretched blazer cloth (Make- Raymonds), of Rs. 200.00 per Mt. (approx.) in colour and pattern approved by the Architect. It shall be fixed with help of kail/partal wood (sect. 19mm x 25mm) frame work. It shall be covered with 6mm thick water proof plywood, on the back. All the exposed edges of water proof board and ply shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be melamine polished and other internal surfaces shall be painted with two coats of synthetic enamel over one coat of primer, all complete to the satisfaction of the Architect.	No.	2		
8.2	ETCHING WORK & BANK LOGO FOR ZO Etching work on glass with chemicals (as per design and profile) as and where required. The rates shall include cost of all materials, labour, T& P, wastage, transportation etc. required for proper completion of work. It shall be made out of following profile.-Bank's logo (300mm dia. / 300mm x 300mm). All complete to the satisfaction of the Architect.	L.S.	1		
8.3	ROLLER BLINDS P/F Roller Blinds of VISTA make of Rate not less than Rs.1500/- per sqm. i/c P/f 150mm wide VALENCE with Powder coated channel on top complete with bearer chain mechanism for Rolling up complete with all accessories P/F pelmet fabricated out of 19mm comm. board finished with 1mm thick. Laminate. (Purchase bill to be submitted with final bill.)	Sq. Ft.	150.00		
A1	TOTAL AMOUNT				
A2	LESS DISCOUNT IF ANY				
A3	NET TOTAL AMOUNT				
A4	GST AMOUNT (..... %)				
A5	GROSS AMOUNT INCLUSIVE OF GST A5+(A1-A2+A4)				

GROSS AMOUNT IN WORDS:

Rupees..... only

Place:

Signature & Seal of the Tenderer

Date:

B ELECTRICAL AND DATA / LAN CABLING WORKS AT ZO JHANSI					
SL No	PARTICULARS	UNIT	QTY	RATE PER UNIT (Rs.)	AMOUNT (Exclusive of GST) (Rs.)
B-a	MV PANEL with UG CABLES (Only if Required)				
1	Supply and fixing of 160A TPN 25KA MCCB With extended rotary handle and spreader terminals housed in existing enclosure in EB metering panel(L&T d sine) The cost including 4runs 16sqmm copper wire with sockets crimping meter to MCCB including termination	Nos	1		
2	<u>MV PANEL:</u> Supply, Testing at factory, loading, unloading Erection and Commissioning of cubical Type indoor, fully compartmentalized wall mounting Main Power Panel made of 16 SWG MS sheet steel provided with Copper Busbars of 160A capacity mounted on SMC busbars supports including interconnections, & Double Earthing. The board shall be powder coated with Siemens gray paint. The panel length, height, depth etc to match with site condition and all accessories as required as per the site condition INCOMER: 1no.160A 4 pole 25KA MCCB OUTGOINGS: 2 nos. 100A 25KA MCCB. (AC DB & UPS input DB) With extended rotary handle and spreader terminals. 3 nos. 63A 25KA MCCB. (LDB, RAW power DB & 1no Spare) With extended rotary handle and spreader terminals. RYB Indicating lamps Control MCBs BUS BAR 4 Runs of 25mm x 6mm Copper Bus Bar Earthing 25mm x 3mm Copper Bar INTER CONNECTION: 100A MCCB to bus bar 20mm x 6mm Copper flat 4runs 63A MCCB to bus bar 20mm x 3mm Copper flat 4runs 160 A MCCB to bus bar 25mm x 6mm Copper flat 4runs	Nos	1		
3	Supply and laying of 3.5core 70Sq mm XLPE armored Aluminum conductor cable 1.1 KV grade laid in wall/ ceiling /Duct with suitable clamping From EB room to MV panel including Cable termination lugs ,Gland , labeling etc	Mts	100		
B-b	AC SYSTEM - DISTRIBUTION BOARD & WIRING FOR Cassette AC SYSTEM				
4	<u>DISTRIBUTION BOARD FOR AC SYSTEM:</u> Supply and installation, testing and commissioning of factory fabricated 4 way vertical D.B with 100 A, 4 pole, 10ka MCB as incomer and Outgoing of 25A/20 A, single pole MCB 12 nos. The work shall also include for cutting chase wall and finally	Nos	1		

	finishing the surface & matching the same with the existing surface.				
5	Supply and laying of 3.5core 35 Sq mm XLPE armored Aluminum conductor cable 1.1 KV grade laid in wall/ ceiling /Duct with suitable clamping From MV panel to AC DB including Cable termination lugs ,Gland ,labeling etc	Mts	25		
	For ODU Single phase				
6	Supplying, laying, connecting& commissioning 2 runs of 4.0sq.mm. PVC insulated FRLS Wire in recessed PVC conduit , (one each for phase and neutral) with 1 run of 2.5 sq.mm. PVC insulated FRLS wire in recessed PVC conduit , wires for continuous earthing in PVC conduits concealed in ceiling / wall / floor conduits with necessary clamps, screw, etc for VDB to AC Indoor or outdoor	Mts	300.00		
7	Supply and fixing of modular type 25amps Socket controlled by 25amps single pole Mini MCB housed in metal/ PVC box with require all accessories.	Nos	13		
	For OUTDOOR UNIT 3Phase for 3TR Units				
	Supply and fixing of outdoor weather proof enclosure with 32A 4 Pole MCB with require all accessories.				
	Supplying, laying, connecting& commissioning 4C x 4.0sq.mm Copper UG Cable				
	Cable end Termination of the above				
B-c	<u>UPS DISTRIBUTION BOARD & WIRING</u>				
8	<u>INPUT DB</u> Supply and installation, testing and commissioning of factory fabricated 4 way vertical double door D.B with following 100 A, 4 pole, MCB as incomer. 63A 3 pole MCBs -2nos 40A 3 pole MCBs -2nos as outgoing.	Nos	1		
9	Supply and laying of 4core 35Sq mm XLPE armored Aluminum conductor cable 1.1 KV grade laid in wall/ ceiling with suitable clamping (For UPS DB incoming)	Mts	40		
10	Supply and laying of 4runs 16sq mm and 2runs 4sqmm copper wire in PVC conduit with all accessories for UPS input and output Drop wires and UPS room to UPS Sub DB input	Mts	20		
	<u>OUTPUT DB</u>				
11	Supply and installation, testing and commissioning of factory fabricated 8 way vertical double door D.B with following 63 A, 4 pole, MCB as incomer. 16A SINGLE pole MCBs -15nos 10A Single pole MCBs -9nos as outgoing .	Nos	1		

12	Distribution board: Supply and Installation of 8 way SPND.B (IP43) comprising of 63amps 4pole MCB type change over switch - 01No, Cost includes cutting, plastering and concealed in the wall	Nos	1		
13	Supplying, laying, connecting& commissioning 2 runs of 2.5sq.mm. PVC insulated FRLS Wire in recessed PVC conduit, (one each for phase and neutral) with 1 run of 1.5 sq.mm. PVC insulated FRLS Wire in recessed PVC conduit,for continuous earthing in PVC conduits concealed in ceiling / wall / floor conduits with necessary clamps, screw, etc for UPS sockets	Mts	450		
	<u>UPS SOCKETS</u>				
14	supply, fixing and connecting of 3nos 6A socket controlled by 2nos 6A switch housed in a 8 module PVC/Metal base box covered with suitable module base and cover plate . for UPS sockets. The cost Include concealed in Partition / wall with necessary accessories	Nos	32		
B-d	<u>RAW POWER :</u>				
15	Distribution board: Supply and Installation of 6 way TPND.B (IP43) compressing of Incomer 63A 4P MCB - 01No,With 63A 4P30ma RCCB - 01No Out Going -. 16/10A SP MCB 18 Nos for RAW power DB Cost includes cutting, plastering and concealed in the wall	Nos	1		
16	Supplying, laying, connecting& commissioning 2 runs of 2.5sq.mm. PVC insulated FRLS Wire in recessed PVC conduit, (one each for phase and neutral) with 1 run of 1.5 sq.mm. PVC insulated FRLS Wire in recessed PVC conduit, for continuous earthing in PVC conduits concealed in ceiling / wall / floor conduits with necessary clamps, screw, etc for RAW sockets	Mts	200		
17	<u>SOCKETS</u>				
a	supply, fixing and connecting of 1no 16A socket controlled by 1no 16A switch housed in a 4 module PVC/Metal base box covered with suitable module base and cover plate . for RAW sockets. The cost Include concealed in Partition / wall with necessary accessories	Nos	6		
b	supply, fixing and connecting of 2nos 6A socket controlled by 2nos 6A switch housed in a 6 module PVC/Metal base box covered with suitable module base and cover plate . for UPS sockets. The cost Include concealed in Partition / wall with necessary accessories	Nos	30		
c	supply, fixing and connecting of 1no 6A socket controlled by 1no 6A switch housed in a 3 module PVC/Metal base box covered with suitable module base and cover plate . for UPS sockets. The cost Include concealed in Partition / wall with necessary accessories	Nos	10		

B-e	LIGHTING				
18	Distribution board Supply and Installation of 6 way TPND.B (IP43) comprising of <u>Incomer</u> 63A 4P MCB - 01No, With 63A 4P 30mA RCCB - 01No <u>Out Going</u> – b. 16/10A SP MCB 18 Nos for LIGHTING DB Cost includes cutting, plastering and concealed in the wall	Nos	1		
19	Supply and laying of 4core 25 Sq mm XLPE armored Aluminium conductor cable 1.1 KV grade laid in wall / false ceiling with suitable clamps for LDB & RAW power DB incomings	Mts	40		
20	Wiring for light point/fan point/exhaust fan point/call bell point with two runs 1.5 sq mm PVC insulated FRLS wire in recessed PVC conduit, with modular type premium switch, suitable size G.I box and earthing the point with 1.5 sq mm PVC insulated FRLS) copper conductor single core cable, ceiling hose with all required nuts, screws and all accessories.				
20-A	One Light Controlled By One Switch	Nos	35		
20-B	Two Light Controlled By One Switch	Nos	15		
20-C	Three Light Controlled By One Switch	Nos	8		
20-D	Four Light Controlled By One Switch	Nos	3		
20-F	Exhaust fan point	Nos	5		
20-G	6A socket with Switch (Board Socket)	Nos	10		
20-H	Wall mount fan points near 6A Socket near Fan	Nos	15		
21	Supplying, laying, connecting& commissioning 2 runs of 1.5sq.mm. PVC insulated FRLS wire in recessed PVC conduit,(one each for phase and neutral) with 1 run of 1.5 sq.mm. PVC insulated FRLS wire in recessed PVC conduit,for continuous earthing in PVC conduits concealed in ceiling / wall / floor conduits with necessary clamps, screw, etc for Emergency LIGHTING switch board circuits (UPS LIGHTS)	Mts	100		
22	Supplying, laying, connecting& commissioning 2 runs of 2.5sq.mm. PVC insulated FRLS wire in recessed PVC conduit,(one each for phase and neutral) with 1 run of 1.5 sq.mm. PVC insulated FRLS wire in recessed PVC conduit,for continuous earthing in PVC conduits concealed in ceiling / wall / floor conduits with necessary clamps, screw, etc for LIGHTING switch board circuits	Mts	500		
B-f	LTUG cable Terminations				
23	Supply and termination of the above cables with single compression type cable glands aluminum sockets for aluminum conductor /copper sockets for copper conductor, insulation tape, anti corrosive paste etc.				

23-a	3.5core x70 sq mm	Nos	2		
23-b	3.5core x35 sq mm	Nos	4		
23-c	4 core x 25 sq mm	Nos	4		
B-g	EARTH ELECTRODE				
24	Providing earth electrode as per IS-3043 with 2mts long 40mm dia GI pipe with Funnel on Top with holes drilled for tapping connection. The rate including making 300mm diameter pit using Auger method after Excavation pit filled up to surface with alternate layer of salt/charcoal mixture. A brick work masonry shall be constructed of size 450x450x300mm with CI (simco make) cover (General Earthing). NOTE: The job includes submitting test report of resistance of the new earth pit.	Nos	2		
25	Providing earth electrode all as per IS-3043 with 600x600x3mm copper plate fitted with 2nos 25mmx3mm copper flat and riveted to the plate.A link should be provided at the top with holes drilled for tapping for connections using brass bolt nut washer etc Rate should include 2mts long 40mm dia GI pipe Heavy with Funnel on Top with holes drilled for tapping connection. The rate including Excavation pit and filled up to surface with alternate layer of salt/charcoal mixture. A brick work masonry shall be constructed of size 450x450x300mm with CI cover (SIMCO make) (UPS Earthing) NOTE: The job includes submitting test report of resistance of the new earth pit.	Nos	2		
26	Supply and laying of 10sq mm copper wire in 20mm PVC conduit with all accessories from earth pit to UPS room Earth link.	Mts	30		
27	Supply and laying of 8SWG copper wire from G.floor to 1st floor MV panel	Mts	50		
28	Supply and laying of 10SWG copper wire for body earth LDB &UPS input, RAW power DB	Mts	40		
B-h	LIGHT FITTINGS				
29	Supply and Installation of 2X2 LED (30 watts - 36 watts), Full Glow to be fixed in the false ceiling with guide wires, screws and all necessary accessories etc.	Nos	25		
30	Supply and Installation of LED Round /Down Lighter , Lighting Fixture 15W or Lesser ,(Recess mounted) with all necessary accessories required for the job	Nos	36		

31	Supply & Installation Fixing of PHILIPS LED 4 feet fitting 6500k, 22/20/10/5W with necessary accessories required for the job.	Nos	30		
32	Supply Installation of Philips LED bulbs 1 X 9 W Cool White along with holder/batten	Nos	10		
33	S/F of Flexible LED strip light in 5metres length with 24w consumption IP - 20 protection input voltage 200-240V AC, BIS approved Panasonic PSLM 03250 in RGBW colour (Colour to be selected by Architect/ Bank) complete with energy efficient driver & complete in all respects - dimensions 5000x 10 x2mm (LX W X H)	Nos	20		
34	S/F of LED Mirror Picture Wall Light (18W) as approved by Architect and Bank	Nos	3		
35	Supply & Fixing of 300mm sweep AFF/ Ventilating metallic fan - Havells' Venti Air DSP for equivalent - Crompton Greaves/ Usha/ Khaitan/ Bajaj	Nos	5		
36	S/F of ceiling fan 1200mm sweep double ball bearing type w/o cost of electronic 5 step regulator - Havells Spark Deco or equivalent Bajaj/ Crompton/ Alstom. This also includes clamp, downpipes, etc required necessary for hanging ceiling fans. Minimum Ceiling Height - 15'	Nos	11		
37	Supply and fixing of 450 mm Hi Speed Silent wall mounted fans of approved make to be fixed in wall or partition with all necessary fixing accessories, arrangements and etc. Cost includes all hardware, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect. (Make of wall mounted fan- Crompton Greaves.)	Nos	15		
B-i	<u>Telephone & Data conduit</u>				
38	S/laying of 10 Pair telecommunication cable with 0.6mm annealed tinned electrolytic grade Copper wire, PVC insulated PVC sheathed armoured with GI wire/ strip armouring conforming to ITD specifications S/ WS/ 113C & 114 in PVC pipe complete in all respect. The armouring & outer sheath shall conform to IS 1554 Part I.	Mts	150		
39	Supply & fixing on wall/ furniture/ partition recessed type modular telephone socket outlet (RJ-11) with mounting box & front plate complete with chase cutting, mending good etc. as required complete including/ and Supply & laying of 2 pair 0.61mm dia. PVC insulated unarmoured telephone cables through rigid PVC conduit of suitable diameter as directed by the consultant from telephone junction box to telephone socket outlet including interconnection mending good etc. as required complete in all respects.	Mts	22		
40	Supply & fixing of MDF box	Mts	1		
41	Supply & fixing of 10 Pair DB Box with Krone Module	Nos	5		

B-j	DATA Cabling				
42	Supply & Fixing of XL RJ 45 toolless information outlet with Duplex face plate with dual connectors Grey colour cat 6e including cost of supplying & laying CAT 6e (as directed by Architect from Server to Switch, Switch to computer I/O data socket as required complete in all respects) in 25mm dia rigid PVC conduit (including laying of GI draw wire complete with junction box, circular box, elbows, bends & other accessories as required by chase cutting on floor, wall, through partition or over false ceiling. The data cabling pipe should be laid at a minimum distance of 3ft from pipes laid down for power distribution) including interconnection with connectors as required complete in all respects.	Nos	30		
43	Supply & fixing of 7ft Grey colour Patch chord Giga speed Systemax/ D link make	Nos	30		
44	Supply & fixing of 3ft Grey colour Patch chord Giga speed Systemax/ D link make	Nos	30		
45	S/F of 24Port Jack Panel fully loaded Systemax make	Nos	2		
46	S/F of 9U wall mounted rack c/w fan etc as required	Nos	1		
47	Removing & Re-fixing of Existing rack including cabling and dressing etc	Nos	2		
B1	TOTAL AMOUNT				
B2	LESS DISCOUNT IF ANY				
B3	NET TOTAL AMOUNT				
B4	GST AMOUNT (..... %)				
B5	GROSS AMOUNT INCLUSIVE OF GST B5=(B1-B2+B4)				

GROSS AMOUNT IN WORDS :

Rupees..... only

Place:
Date:

Signature & Seal of the Tenderer

C	AIR CONDITIONING WORK AT ZO JHANSI				
S. No.	DESCRIPTION	UNIT	QTY	RATE PER UNIT (EXCLUSIVE OF GST) (Rs.)	AMOUNT (EXCLUSIVE OF GST) (Rs.)
1	Supply, Testing and Commission of following types of ACs (2021/2022 Manufactured) with Indoor & Outdoor unit having Eco - Friendly Refrigerant (R32/R410A) including indoor unit, outdoor unit, decorative grills and cordless remote machine with copper coil and condenser and suitable for operation on 1 Phase / 3 Phase, 50 Hz, AC Supply Only. 1 Year Comprehensive Warranty and Minimum 5 YRS Warranty on Compressor. (APPROVED BRAND : CARRIER, DAIKIN,BLUE STAR, HITACHI)				
1.1	Split 2.0 Tr - INVERTER TECHNOLOGY (3-Star)	No.	4		
1.2	Split 1.5 Tr - INVERTER TECHNOLOGY (3-Star)	No.	9		
2	Supply & fixing of interconnecting copper refrigerant pipe work between Indoor Unit & outdoor units with full gas charged R-410 A/R32 and shall be insulated with 9mmthick Nitrile Rubber insulation with FRP tape protection on exposed part of insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported with cable tray arrangement complete as required. as mention below complete as per specifications as required. (suction /liquid line).The piping size shall be as per manufacturer requirement .(Please note that payment will be made after deducting 3m refrigerant copper pipe already supplied with machine by the Dealer / Manufacturer) SPLIT AC	Meter	72		
3	Supply and Installation of Digital Voltage Stabilizer (Wall Mounted) with under voltage and over voltage protection and Auto-Start Feature for AC with working range between 130 V- 300 V. Make - VGUARD/ MICROTEK / LIVGUARD / BLUEBIRD (Only Copper Transformer) Minimum Warranty - 3 years				
3.1	CAPACITY: 5 KVA	No.	4		
3.2	CAPACITY: 4 KVA	No.	9		

4	Supply, Installation, Testing and Commissioning of PVC drain piping (additional), 15 Kg pressure rating complete with fittings, supports as per specifications and insulated with 6 mm thick Nirile Rubber insulation including with Chase cutting and repairing as per specifications and drawings complete as required. The rate including P/F of Hitech pipe support with required slope and connecting to the nearest drain line for split & cassette AC . (Beyond 3 mtrs) SPLIT AC	Meter	60		
5	Supplying and laying of Extra Electrical interconnecting control cable of suitable IS/BIS standard Cable of 1.1-2.2 KV, Multi strand from indoor to outdoor of size as specified by the manufacturer suitable for 1.5 /2.0 TR Cassette AC Or Split AC	Meter	70		
6	Installation of IDU & ODU of 2.0 Tr / 1.5 Tr Ceiling mounted Cassette Unit or Split Unit with first oil & gas charge & commissioning, etc. Rate includes ceiling mounted suspension kit, etc complete	No.	12		
7	Supplying and fixing 0-24 hrs electronic timer with 2nos 25A SP MCBs, 2 nos 25A TP contactors completely wired housed in a suitable powder coated enclosure with hinged door and mounted on wall with all interconnections. (for AC Units in Server Room)	No.	1		
8	Providing and fixing standard powder coated support MS Stand / Wall Brackets for providing proper support to the Outdoor Unit	Nos	13		
C1	TOTAL AMOUNT				
C2	LESS DISCOUNT IF ANY				
C3	NET TOTAL AMOUNT				
C4	GST AMOUNT (..... %)				
C5	GROSS AMOUNT INCLUSIVE OF GST C5= (C1-C2+C4)				

GROSS AMOUNT IN WORDS :

Rupees..... only

Place:

Date:

Signature & Seal of the Tenderer

DETAILS OF AC PLACEMENT:-

Sl.no	Description	Quantity	Location
1	SPLIT AC (2 TR)	3 NOS	MEETING HALL
2	SPLIT AC		
2-a	2.0 TR	1 NO	ENTRANCE HALL
2-b	1.5 TR	1 NO	CREDIT DEPTT
2-b	1.5 TR	3 NOS	INT. CORRIDOR
2-d	1.5 TR	1 NO	IT ROOM
2-e	1.5 TR	2 NOS	SERVER ROOM
2-f	1.5 TR	1 NO	HR DEPTT
2-g	1.5 TR	1 NO	VISITOR AREA

SUMMARY -

S.NO	DESCRIPTION	Basic Amount (Rs.) (X)	GST Amount (Rs.) (Y)	Gross Amount (Rs.) (Z) = (X) + (Y)
I	INTERIOR FURNISHING WORK			
II	ELECTRICAL AND LAN CABLING WORK			
II	AIR CONDITIONING WORK			
	TOTAL			

Total Amount of All Works (XI + XII + XIII) - Rs._____
(Exclusive of GST)

GST Amount of All Works (YI + YII + YIII) - Rs._____

Gross Amount (ZI + ZII + ZIII) - Rs._____
(Inclusive of GST)

GROSS AMOUNT IN WORDS :

Rupees.....

..... only

Place:
Date:

Signature & Seal of the Tenderer