



## निविदा दस्तावेज/TENDER DOCUMENT

(नियम, शर्तें एवं ड्राइंग्स/Terms, Conditions & Drawings)

भाग/PART-बी/B

FINANCIAL BID / वित्तीय बोली

**Proposed Interior, Electrical and Allied Repair works at B/O Mulund under North Mumbai Regional Office, Mumbai.**

विज्ञापन की दिनांक/ Date of advertisement	29-11-2023
प्रस्तुत करने की अंतिम दिनांक / Last Date of Submission	20-12-2023 by 15:00Hrs
खुलने की दिनांक Opening Date	तकनीकी बोली/Technical Bid : 20-12-2023 by वित्तीय बोली: तकनीक रूप से अर्हता प्राप्त ठेकेदार को सूचित किया जाएगा/ Financial Bid: To be intimated to technically qualified Contractors.
कार्य अवधि/Time Period of Work	कार्य आदेश प्रदान करने की दिनांक से 30 दिन /30 days from award of Work Order
बयाना जमा राशि/Earnest Money Deposit	Rs.42,000(Rupees Forty-Two Thousand Only) <b>DD In favor of Central Bank of India, Payable Mumbai.</b>
<b>MSME firms are exempted from EMD/Tender Fees corresponding registration documents to be submitted</b>	
निविदा दस्तावेज का मूल्य/Cost of Tender Document(गैर वापसी योग्य/Non Refundable)	रु./Rs.1000.00 (सेन्ट्रल बैंक ऑफ़ इंडिया के पक्ष में मांग ड्राफ्ट जो मुंबई पर देय हो/ <b>DD In favor of Central Bank of India, Payable at Mumbai.</b>
खुलने की दिनांक से निविदा की द्यता/Validity of Tender from the date of opening of Financial Bid.	90दिन/ days
प्रस्तुत किए जाने वाले दस्तावेज/ Documents to be provided	निविदा आमंत्रण सूचना के अनुसार/As per Notice Invitin Tender.
Independent External Monitor (IEM)	Mr Trivikram Nath Tiwari Mail ID: - <a href="mailto:trivikramnt@yahoo.co.in">trivikramnt@yahoo.co.in</a> Mr. Jagadip Narayan Singh Mail ID: - <a href="mailto:jagadipsingh@yahoo.com">jagadipsingh@yahoo.com</a>
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संपर्क व्यक्ति का नाम /Contact person name	Mr. Birendra Kumar –Chief Manager- 022-62531239 Mr Amarnath –Senior Manager, Architect. -022-40345840/6303929013

### प्रस्तुतकर्ता/SUBMITTED BY:

ठेकेदार का नाम/NAME OF CONTRACTOR :

पता/ADDRESS :

जीएसटी विवरण/GST DETAILS :

Mumbai Suburban Regional Office, NCL Building Complex, 3rd Floor, Plot No 6, 'E'Block, Bandra Kurla Complex, Bandra (East), Mumbai-400051

Tel No: 022-26590336, 2673, 0347

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**सेन्ट्रल बैंक ऑफ इंडिया/ CENTRAL BANK OF INDIA**  
**बिल ऑफ क्वांटिटि के लिए प्राक्कथन/PREAMBLE TO THE BILL OF QUANTITIES**

प्रस्तावित कार्यालय परिसर में प्रस्तावित कार्य निविदा के आवरण पृष्ठ (पृष्ठ नं. निविदा के आवरण पृष्ठ (पृष्ठ संख्या 1) में उल्लेखानुसार करना होगा. प्रस्तावित कार्य की गुणवत्ता में सर्वश्रेष्ठ कारीगरी होना चाहिए। ठेकेदार को यह सुनिश्चित करना चाहिए कि प्रोजेक्ट के लिए सामग्री की सूची में उल्लिखित सामग्री श्रेष्ठ गुणवत्ता की हो.

The work proposed to be carried out at the proposed Office premises as mentioned on the cover page (page no.1) of the tender .The quality of work proposed should have **the best** workmanship. The contractor should ensure that only the first quality materials mentioned in the list of materials are purchased for the project.

1. कार्य इस तरह से किया जाए कि स्वरूप में कोई गड़बड़ न हो.

The work should be carried out in such a way that the structure is not disturbed.

2. निविदा प्रस्तुत करने से पहले विनिर्देशन में किसी भी अंतर/विसंगति को को प्रभारी इंजीनियर के साथ स्पष्ट किया जाना चाहिए। प्रभारी इंजीनियर को कार्य के दौरान मूल अवधारणा के अनुरूप एक उचित सीमा तक विनिर्देश को संशोधित करने की स्वतंत्रता होगी; निविदाकर्ता को ऐसा कार्य बिना अतिरिक्त लागत के करना होगा.

Any difference/discrepancies in the specification should be clarified with the Engineer in charge before submitting the tender. The Engineer in charge will have the liberty to modify the specification to a reasonable limit to suit the basic concept during the course of work; the tenderer should carry out such work without any extra cost.

3. किसी भी बड़े संशोधन के मामले में ऐसी वस्तुओं को अतिरिक्त मद के रूप में माना जाएगा. ऐसी मदों का भुगतान का इंजीनियरिंग दर / बाजार दर विश्लेषण के आधार पर किया जाएगा. सामग्री और श्रम की कुल लागत का 15% निविदाकर्ता के लाभ के रूप में माना जाएगा.

In case of any major modification, such items will be considered as extra items. Payment for such items will be paid based on the Engineering rate / Market rate analysis. **15% of the total cost of material and labour will be considered as the tenderer's profit.**

4. ठेकेदार को सुचारु कार्य प्रवाह के लिए साइट पर नियुक्त अन्य ठेकेदार के साथ समन्वय करना होगा.

The contractor should coordinate with the other Contractors employed at the site for a smooth flow of work.

**NOTE:**

The building is occupied by the Other Tenants. The work needs to be carried out as per the instruction of the Bank, time schedule. Further, the work needs to be carried out in phase-wise. The Contractor should prevent the external glazing and the flooring with plastic sheets and P.O.P. sheets respectively.

1. The contractor should obtain the necessary permission from the Local /Statutory/ Government Authority if required, along with the security deposit amount, the security amount will be reimbursed to the contractor.
2. The Contractor needs to clean the site on day-to-day basis.

### **BILL OF QUANTITIES:**

**Note:**

1. Rates to be quoted by the tenderers in the item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in the figure and words. However, if a discrepancy is found between the rate written in figures and the rate written in words then the rate which corresponds with the amount worked out by the contractor shall be taken as correct.
2. If the amount of an item is not worked out by the tenderer, or it does not correspond with the rate written in either figure or in words, then the rate quoted by the tenderer in words shall be taken as correct.
3. Where the rate quoted by the tenderer in figures and in words tally but the amount is not worked out correctly, the rate quoted by the contractor will be taken as correct, not the amount.
4. The work needs to be carried out as per the time schedule instructed by Bank.
5. All other office furniture, office equipment, flooring, false ceiling etc. to be covered with plastic sheet or required packing materials
6. Any damages done by the contractor will be recovered from the contractors.
7. Cleaning to be done on day-to-day basis.
8. Electrician and one supervisor should be posted in the working day to avoid any office disturbance and maintain the office smoothly.

**NOTE:** The rates are inclusive of materials, labour, wages, fixtures, transportation, installation, **all taxes (excluding GST)**, wastages, Octroi, machinery, temporary works such as scaffolding, cleaning, overheads, profit, statutory expenses, incidental charges and all related expenses to complete the work.

### SUMMARY to BILL OF QUANTITIES

SNO	DESCRIPTION	AMOUNT(Rs.)
1	PART A : LOOSE FURNITURE	
2	PART B : FIXED FURNITURE	
3	PART C : ELECTRICAL Works	
4	PART D: DATA CABLING WORKS	
5	PART E: ELECTRICAL FIXTURES AND FITTINGS	
	TOTAL	

Amount in Words (RUPEES

ONLY)

#### **PART A: LOOSE FURNITURE**

Bill of Quantities					
S.No.	Details of works.	Quantity	Unit	Rate	Amount
	(Particulars)			(Rs.)	(Rs.)
	<b>GENERAL:</b> All Tables / counters/ work stations to have 19mm Ply block board top & sides, and apron/front modesty 12 mm comm. Ply/board .Unless otherwise specified, all external/exposed surfaces shall be provided with 1.0 mm laminate finish and all internal surfaces shall be painted with white/ivory shade of satin finish enamel paint of approved make. <b>Drawer/side storage units</b> to be made from 12mm /19mm ply, with steam beach/teak wood lipping on edges. The drawers to run on telescopic drawer channels of approved make. Drawer units to have two smaller and one bigger drawer and locking arrangement (Godrej or equivalent). Foot-rest 75x50mm 2nd class cedar wood member to be fixed for each table the rate to include all hardware such as drawer channels, SS handles etc. The item also includes a tray for key board running on telescopic channel, finished with laminate on top and rounded front size 560x450 readymade EBCO make CPU trolley with				

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SIGNATURE OF TENDERER WITH RUBBER STAMP

	castors etc. complete. In case of curved shape of table / counter, length at the center of the top shall be measured for payment. Table top fixed with glass of approved thickness on metal SS studs.				
1	<b>B.M. 'S TABLE</b>	1.00	Nos.		
	Providing and fixing Branch Manager Table as per main specification but finished in 1 mm laminate in two or more colors. The table front provided with <b>Acrylic panel on S.S Studs</b> (Size 135 x 60 MM approx.).The table size to be <b>6'-0" x 3'-3" x 2'-6"</b> & storage unit <b>3'-0" x 2'-0"</b>				
2	<b>OFFICER'S TABLES</b>	5.00	Nos.		
	Providing and fixing Officer/Manager Table as per main specification but finished in 1 mm laminate in two or more colors. The table front provided with laminate on S.S Studs (Size 135 x 60MM aprox.). <b>The table size to be 5'-0" x 2'-6" x 2'-6" &amp; storage unit 3'-0" x 1'-4"</b>				
3	<b>SWO COUNTERS</b>	5	Rft		
	Providing and fixing SWO Table as per main specification but finished in 1 mm laminate in two or more colors The table front provided with laminate on S.S Studs (Size 135 x 60 mm aprox.). Counter items also includes Front modesty with 19mm Commercial ply with laminate. Drawer units to be as specified in MAIN specifications. BUT with divisions for currency as per BANK's instructions, The drawer units to have AUTOLOCKING system for drawers (Godrej). One footrest per occupant, key board tray 560x450 and CPU stand. All as per MAIN Specifications for tables. Inside of the counter & drawers shall be painted with satin finished enamel paint of approved make and ivory/white shade etc, complete to the satisfaction of Architect/Bank. The storage unit to comply to specifications as stated for officer tables. <b>The table size to be 5'-0" x3'-1" x 2'-6" &amp; storage unit 3'-0" x 1'-6"</b> .The counter shall have the Work top and counter top as per design similar to cash counter stated in item 4 with				

	<b>300m wide granite(basic rate of granite Rs.225)</b> adhering to specifications as stated.				
<b>4</b>	<b>CASH COUNTER</b>	5	Rft..		
	Providing and placing in position Cash Counter Table made from 19mm Commercial ply/Block Board and with 1mm laminate finish, with overall height of 1050 mm for working counter at 750mm height made from 18mm pre-polished <b>300mm wide granite</b> over 19 mm commercial ply/ block board. And customer counter at 1050 mm height made from 12mm thick beveled glass placed over 300mm high, 12mm theatrical, frosted toughened glass. Front modesty with 19mm Comm. Ply/Board finished in 1 mm laminate. The Counter to have drawer units same as mentioned in Main specifications of Tables above except the drawers to have divisions as per Bank's instructions. The counter to have 1 footrest per occupant. Item also includes a key-board tray & C.P.U. stand of EARL Bihari make Inside of the counter & drawers shall be painted with satin finished enamel paint of approved make and ivory/white shade etc., complete to the satisfaction of Architect/Bank. <b>The table size to be 5'-0" x 3'-1" x 2'-6" &amp; storage unit 3'-0" x 1'-6"</b> .				
<b>5</b>	<b>GLASS RAILING</b>	200.00	Sq.Ft.		
	Providing and fixing 12mm Etched float glass ( straight or bent as per shape given in plan) in front of Cash Cabins and SWO with metal clamps/D brackets /S.S. Studs or Wooden supports including cutouts for passing currency as per details The edges of the glass to be polished complete with necessary cutting the holes in shape properly, grinding & polishing. The glass may be fixed in vertical or inclined position as per given drawings.				
<b>6</b>	<b>SERVER ROOM COUNTER</b>	6.00	Rft.		
	Providing and fixing Server Table including drawer units with same specifications as main table. The table size to be 6' x 5'-6" x 2'-6" (Ref Layout plan) general specifications for tables to be adhered.				
	<b>STORAGE CUPBOARDS</b>				

7					
	<b>GENERAL :</b> All storage cabinets/ low height cabinets/side racks shall have 19mm Ply/ block board for box, shelves and shutters and 6mm ply for back. Unless otherwise specified, all external/exposed surfaces shall be provided with 1.0 mm laminate finish of approved make and design and all internal surfaces shall be painted with white/ivory shade of satin finish enamel paint of approved make. All edges of ply/block board shall have 25x12mm teak wood/ steam beach lipping. The cabinet shall have self-closing hinges, (Godrej, Ebco, Hettich), SS handles, magnetic catchers, godrej /equivalent locks etc. complete - as/drawing details to the satisfaction of Architect. The front area of cabinet i.e. length x height shall be measured for payment.				
a	<b>FULL HEIGHT CABINETS</b>	400	Sft		
	Providing & fixing box fill height cupboards 400/450mm deep & height 2100/2400 mm as per main specifications mentioned above.				
b	<b>LOW HEIGHT STORAGE CABINETS (INCL. B.M.' CABINET)</b>	50	Sft.		
	Providing & fixing low height cupboards 400/450mm deep & height 750/900 mm as per main specifications mentioned above.				
8	<b>SIDE RACKS</b>	60	Sft.		
	Providing & fixing side racks 400/450mm deep & height 750/900 mm as per main specifications mentioned above.				
9	<b>DAFTARI TABLE</b>	1	Nos		
	Sub staff unit made of 18mm plywood structure and 2 numbers of drawers, finished with 1mm tk laminate on exposed surfaces and teakwood beadings with all hardware and accessories etc. Unexposed surfaces finished with enamel paint with edge beadings neatly polished. Size : 5'0"x2'0"x2'6"				
10	<b>WRITING DESK</b>	1.00	Nos.		
	Providing and fixing writing desk, using 10 mm beveled clear glass top over 19 mm ply base +1mm Laminate on all exposed surfaces				

	of ply ,with pigeon holes of 6"x6" to keep slips, approx. size 4'0" x 1'6" x 0"8" , to be fixed at 3'6" height				
11	DROP BOX/COMPLAINT BOX	2.00	Nos.		
	Size 3'3"L X1'0"Wx 2'6' H , to be made from19mm thick MR Grade plywood and finished with 1 mm thick laminate outside, with steam beach/teak wood border/lipping on exposed edges as per design and drawing and inside shall have enamel paint. The drop box will have 3 internal (vertical) divisions for Local, Out station and Credit card payment cheques etc. with 3 open able shutters on front with lock. Front / Top shall have 3 nos. 6" long x 1" wide slits to drop letter / cheque etc.				
12	NOTICE BOARD /BRAND WALL	200.00	Sq.Ft		
	Providing & fixing on partition/ walls soft pin-up board as per following specification. Core material of 10mm thick soft board finished with approved fabric. Framed with teak wood of section2"x1.5", Approx. board size 4'x2'-6".				
13	FROSTED FILM	320	Sq.ft		
	Supply of frosted film in approved designer pattern over glass as per design to manufactures specification and engineer in charge instructions.				
14	VINYL GRAPHICS AND ONE WAY STICKERS: P&F 3M make One Way Vision Film (minm. 140-micron thickness without adhesive) printed on UV printing platform with Mounting on glass	320	Sq.Ft		
	SUB TOTAL OF PART A :				
PART B : FIXED FURNITURE					
Sno	Details of works.	Quantity	Unit	Rate	Amount
01	(Particulars)			(Rs.)	(Rs.)
	GENERAL : For Partitions : All partitions shall have a frame work of saal / kail/chill wood size 50x35 or 50x50 mm at spacing not exceeding				

	<p>600mm c/c in both directions as per requirement with 6mm ply on both faces including grooves, with / without 1mm thick laminate of approved make and design, up to 750/900/1200/1500/2100/2400mm height and clear transparent/frosted/etched glass of 5/9mm thickness shall be provided above the height of 750/900mm as per drawings and details . Vertical members for framing shall be continuous/ one piece i.e. without joint. The rate to include provision of extra frame work as necessary for skirting and making cutouts for electrical switch plates, switch boxes, light fittings light etc, making provision for laying conduit as per drawings and directions of site Eng. / Architect. All wood frame work to be applied with 2 coats of fire retardant paint and 1 coat of wood preservative with anti-termite properties.</p> <p>The work also includes doors with door closers /flap doors as per requirements along with all locks (Godrej or equivalent) Handles, Hinges, stoppers etc. as per bank's architect instructions Measurement of height shall be taken from finished floor level up to the bottom level of false ceiling, In case of varying heights on either side of partition, average heights shall be considered.</p> <p><b>For paneling :</b> All paneling shall have a frame work of saal / kail/chill wood size 50x25 or 50x35 mm at spacing not exceeding 600mm c/c in both directions as per requirement with 12mm ply on both faces including grooves, with / without 1mm thick laminate of approved make and design, up to 750/900/1200/1500/2100/2400mm height . Vertical members for framing shall be continuous/ one piece i.e. without joint. The rate to include provision of extra frame work as necessary for skirting and making cutouts for electrical switch plates, switch boxes, light fittings light etc, making provision for laying conduit as per drawings and directions of site Eng. / Architect. <b>All wood frame work to be applied with 2 coats of fire retardant paint and 1 coat of wood preservative with anti-termite properties. The paneling may also include appr. 1'6" x2'6"size soft board/s with melamine polished steam beach/ teak</b></p>				
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	<b>wood border &amp; fabric for display of notices etc.as shown in drawing. Measurement of height shall be taken from finished floor level up to the bottom level of false ceiling, In case of varying heights on either side of partition, average heights shall be considered.</b>				
<b>(A)</b>	<b>LOW HEIGHT PARTITIONS</b>	100	Sq.Ft.		
	Providing and fixing Low height partition from floor level up to the 1220 /1530mm as per main specifications mentioned above.1.0mm thick laminate of approved make and design to be fixed on both faces over 6mm thick ply. Partition to have a 75x20 mm th. melamine polished cedar/steam beach/teak wood molding on top and side edges of partition. <b>9 mm thick plain/etched glass above 900 mm height</b> in taper or curved shape as detailed shall be fixed with steam beach/ teak wood beading of 25x12 size., complete with polishing/paining the grooves as per design and to the satisfaction on Architect / Bank. The low height partitions shall include <b>flap doors</b> with required hardware and fittings. The partition shall also include apprx.2'0"x <b>1'6" size soft board/s with fabric for display of notices etc.as shown in drawing.</b>				
<b>(B)</b>	<b>PARTLY GLAZED PARTLY LAMINATED WOODEN PARTITION</b>	320	Sq.Ft.		
	Providing and fixing partly Glazed Partition partly laminated wooden as per main specifications mentioned above up to bottom of false ceiling. Item also includes 5mm clear <b>transparent Etched Glass above 900 mm to 2100 mm</b> fixed in 35x20 mm cedar/steam beach/teak wood beading fixed around opening finished with melamine matt finish polish. Rest of specifications same as MAIN specifications of Partitions. etc. complete to the satisfactions of Architect/ Bank.				
<b>(C)</b>	<b>FULL HEIGHT , BOTH SIDES LAMINATED</b>	320	Sq.Ft.		
	Providing and fixing partition from floor level up to the level of false ceiling as per main specifications mentioned above, including 6				

	mm thick ply + 1mm thick laminate of approved make and design ,to be fixed on both sides, including grooves , the exposed cedar/steam beach/teak wood surfaces with melamine polish as per design etc. complete and to the satisfaction of Architect/bank.				
<b>02</b>	<b>PANELING AROUND COLUMNS/WALLS</b>	400	Sq.Ft.		
	Providing and fixing wall paneling as per design & pattern with 50x25mm Kail/ Saal wood frame at 2'-0" c/c in both directions with 12mm Commercial ply on top and finished with 1.0 mm laminate. Over the paneling 1'6" x2'6"size soft board/s with melamine polished steam beach/ teak wood border of size as specified by the architect & fabric for display of notices etc.as shown in drawing. Also at top, middle and bottom level a decorative border of melamine polished, 100x25/75x25 size cedar / steam beech as per design and details shall be fixed.				
<b>03</b>	<b>ENTRANCE DOOR (incl. Floor Spring)</b>	210	Sq.Ft.		
	Providing and fixing glass door for entry with 3" X 3" beach frame wood work duly fixed with the partition/wall with hold fast duly polished. A white beach wood frame work size 6" X 2" as top and bottom rail with a decorative handle of 600mm of approved brand, floor spring, Locks, etc., all complete. 4" X 2" thick stiles to be fixed on the frame 3 sides. 12mm thick etched glass and Central bank logo frosted design with necessary and blasting/granular blasting to be provided and edge should be machine beveled polished. The work to be completed as per design and specification of the Architect all complete. The wooden portion to be duly melamine polished.. The door shall be inclusive of and fixed on floor spring of ISI approved make such as Godrej/Everest / Everite / Efficient Gadget etc. complete.				
<b>04</b>	<b>Wooden frame GLASS PARTITION</b>	280	Sq.Ft.		
	NOTE: Quantity to include full height glass part ion on the entrance. compiling to specifications as in item 6				
<b>05</b>	<b>PAINT WORK</b>				

<b>a.</b>	<b>ACRYLIC EMULSION PAINT</b>	6000	Sft.		
	Painting two or more coats with acrylic emulsion paint of Asian (Royale), I.C.I. (Velvet Touch) brand, or equivalent to give an even shade, including one or more coats of lime/cement based putty and primer, on the walls of banking hall, manager's cabin, meeting room, server room etc. Surface to be cleaned, sanded, leveled and repaired, on old and new work.				
<b>b</b>	<b>SYNTHETIC ENAMEL PAINT</b>	400	Sft.		
	Painting two or more coats with synthetic enamel paint of approved brand, shade & manufacture to give an even shade including one or more coats of putty and primer. Surface to be sand paper cleaned and prepared; on inside of rolling shutters, grills, etc., on walls/partitions/furniture as directed by the architect/bank.				
<b>c</b>	<b>SYNTHETIC ENAMEL PAINT WITH LOGO</b>	200	Sft		
	Painting two or more coats with synthetic enamel paint of approved brand, shade & manufacture to give an even shade including one or more coats of putty and primer. Surface to be sand paper cleaned and prepared; on outside of rolling shutters with design/ logo of C.B.I., painted as directed by the architect/bank.				
<b>d</b>	<b>APEX PAINT OUTSIDE</b>	500.00	Sft		
	Painting two or more coats with acrylic based exterior paint of approved brand & manufacture (apex or equivalent), with given colour scheme to give an even shade including one or more coats of suitable putty and primer. Surface to be sand paper cleaned and prepared; on outside of building walls, as directed by the architect/bank.				
<b>e</b>	<b>DISTEMPER PAINT</b>	500	Sft.		
	Painting three or more coats of dry distemper paint of approved brand & manufacture to give an even shade on old and new work.				
<b>06</b>	<b>ANTI -STATIC PVC CARPET IN SERVER ROOM</b>	100	Sft.		

	Providing & laying blended marble anti-static vinyl tiles of Tuskar make with 1.0mm thick flooring of homogeneous in colour, design and as per manufacturer's specifications and pattern as per details given by Architects.				
<b>07</b>	<b><u>FALSE CEILING :</u></b>				
	<p>Providing and fixing in position suspended false ceiling consisting of the following G.I. sections manufactured by M/s. India Gypsum Ltd.</p> <p>Vertical suspenders of angle section, peripheral channels, primary and secondary frame work at centre to centre distance of 450mm to 600 mm center to center and C channel to be fixed with top R.C.C. ceiling as per the site requirement and minimum distance of 900mm center to center and all as per the India Gypsum Technical Specification maximum of 'C' channels, the suspenders to be fixed with the ceiling with the help of angle cleats and expansion bolts. The peripheral channels to be screwed to the wall with the help of metal screws, the junction of peripheral channels and primary / secondary channels to be screwed with suitable metal screws. The junctions of primary and secondary channels to have G.I. clips.</p> <p>Providing and fixing 12 mm thick double skin gypsum board manufactured by M/s. India Gypsum Ltd. to the frame work with the help of suitable screws in line and level. The item also includes providing false ceiling in stepped design. The joints of the boards to be finished with bonding paper. Providing and applying 2 coats of gypsum primer to the entire surface and finish the same with putty work etc. so as to be ready to receive paint. The false ceiling will be in stepped design. The actual visible area will be measured and paid. This item includes necessary cut out for the electrical and other service.</p>				
<b>a</b>		800	SFT		
	<b><u>GYPSUM DROP CEILING</u></b>				

	As per design with vertical drops and curves. Specification of item no 9 to be adhered.				
<b>b</b>		600	SFT		
	<p><b><u>GRID CEILING:</u></b></p> <p><b><u>ARMSTRONG CEILINGS – ALY-IN PERFORATED MICROLOOK EDGE METAL TILE WITH ACCOUSTICAL FLEECE WITH XL 15MM GRID</u></b></p> <p>Providing and fixing in Armstrong mineral Fibre Acoustical Suspended Ceiling with ULTIMA (MICRO LOOK) EDGE TILES WITH ARMSTRONG SILHOUTETE EXPOSED GRID.</p> <p>The tiles should have Humidity Resistance (RH) of 95% NRC 0.75, Light reflectance 90%, Thermal Conductivity K=0.57, w/m.K, Sound Attenuation of 37 DB, Colour White, Fire Performance A2-sl.d0 in module size 600 x 600 x19mm with Bio Block coating on the face of the tile, suitable for Green Building Application with Recycled content of 70-80%.</p> <p>The tile shall be laid on Armstrong Silhoutte profile grid System with 15mm white flanges incorporating a 6mm central reveal in white/black color. Silhouette, Main runner &amp; Cross Tees to have mitred ends and birds mouth notches to provide mitred cruciform junctions. The T Sections have a Galvanizing of 120 grams per M2.</p> <p><b><u>INSTALLATION</u></b></p> <p>To compromise main runner spaced at 1200mm centre securely fixed to the structural soffit using Armstrong suspension system (Specifications below) at 1200mm maximum centre and not more than 150mm from spliced joints. The First/Last Armstrong suspension system at the end of each main runner should not be interlocked between main runner at 600 mm centre to form 1200 x 600 mm module. Perimeter trim to be Armstrong wall angles, secured to walls at 450mm maximum centre.</p> <p><b><u>ARMSTRONG SUSPENSION SYSTEM:</u></b></p> <p>Accessories manufactured and supplied be Armstrong World Industries consisting of M6</p>				

	Anchor Fasteners with vertical Hangers made of Galvanized Steel of size 26 x 26x 25x 1.2mm with a Galvanized Thickness of 80g/m <sup>2</sup> , A per straightened Hanger wire of dia-2.68mm of 1.83m length, thickness of 80g/m <sup>2</sup> and tensile strength of 344-413 MPa, along with adjustable hook clips of 0.8mm thick galvanized spring steel for 2.68 with minimum pull strength of 110Kg. The adjustable clip also consist of a 3.5mm aquiline wire to be used with the main runner-2.68mm of 1.823m length, thickness of 80g/m <sup>2</sup> and tensile strength of 3434-413 MPa , along with adjustable hook clips of 110 kg. Teh adjustable clip also consist of a 3.5mm aquiline wire to be used with the main runner. All complete as per drawing and details & direction of Engineer-in-charge. The item includes providing necessary electrical, AC and other service cutout etc				
<b>c</b>		800	SFT		
	<b>SUB TOTAL OF PART B :FIXED FURNITURE</b>				

#### ELECTRCIAL AND ALLIED WORKS

<b>PART C : ELECTRICAL WORKS</b>					
<b>S.No.</b>	<b>Details of works.</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b>(Particulars)</b>			<b>(Rs.)</b>	<b>(Rs.)</b>
	<b>SUBHEAD I (POINT WIRING)</b>				
	The rates for the point wiring shall include providing and fixing of following:				
a)	Wiring of the point of any length from distribution board to point outlet including circuit wiring (i.e. from DB to Switchboard)				
b)	Earthing of all switches boxes and all outlet boxes fitting, fans, 3rd pin of plug with 1.50mm copper wire.				
c)	Modular Switch/ Sockets of Standard make with necessary modular series cover plate and MS Boxes				
d)	Embedding all conduits in walls laying in slabs, above false ceiling or in floors including all accessories as required, cutting and refilling the chases with cement mortar.				

e)	Providing, fixing Modular switches, sockets, M.S. boxes (1.6mm thick) draw boxes, G.I. Pull wires (where required), brass screws, ceiling rose/connector etc.				
f)	Adopting separate and independent system of wiring for lighting, power (normal and essential supply). Wiring for following points using PVC insulated copper conductor wires of 650V/1100V grade in MMS grade-PVC conduit concealed/ exposed including switches & sockets as above.				
	<b>LIGHT :(Maximum three points to be looped from primary)</b>				
	<b>POWER :( Maximum TWO points in one circuit)</b>				
	<b>INTERNAL WIRING</b>				
1	<b>POINT WIRING :</b>				
	Providing wiring ( supply, fixing, testing and comm. etc) for light point / Exhaust fan point / Call bell point/6A Switch-socket point etc. with 2x1.5+1X1.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend , junction box etc in concealed/surface manner as per site requirement with suitable Modular Switches with plate and metal / PVC box, ceiling rose , bulb holder etc including 1.5 sqmm PVC insulated copper earth wire etc complete as required. <b>Wire colors</b> : Red, Black, Green .Supplying, providing wiring (supply, fixing, testing and comm. etc) for circuit with 2 x 2.5 + 1 x 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc ( Wiring from D.B. / Source to Board/destination ) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed				
a)	<b>Providing and fixing Primary light point</b>	Nos	25		
b)	<b>Providing and fixing Secondary light point(Maximum three points to be looped from primary)</b>	Nos	35		
c)	<b>Plug point /ceiling Rose Point ( for wall fans Exhaust fan)Supply, fixing and commissioning of 1 No 6A multi-Socket with 1 No. 6A switch (Modular type) with cover</b>	Nos	15		

	plate, sheet steel box / PVC modular box etc on surface / concealed manner I/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.				
d)	<b>P&amp;F bell point i/c of buzzer</b>	Nos	1		
e)	<b>6 AMP. POINTS ON SAME BOARD(Half point) :</b>	Nos	16		
	Supply, fixing, testing and commissioning of 1 No 6 A Multi Socket with 1No. 6 A switch ( Modular type ) with cover plate , sheet steel box / PVC modular box etc on surface / concealed manner I/c electrical connections and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.				
f)	<b>Ceiling fan point (rate should include electronic fan speed regulator)</b>	Nos	2		
2	<b>16 AMP. POWER POINTS:(including circuit wiring)</b>	Nos	8		
	Supply, fixing, testing and commissioning of 1 No 16 A switch & 1 No. six pin 6/16 Amp. Multi Socket ( Modular Type ) with cover plate , sheet steel box etc on surface / concealed manner I/c electrical wiring with 2 X4 sqmm + 1 X 4 sqmm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc ( Wiring from D.B. / Source to Board to destination ) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.				
3	<b>AC POINTS :</b>	Nos	7		
	Supply, Installation, Testing and commissioning of the surface / recess mounting distribution board with 20 A Metal plug and socket, with 20 A/25A/32A SP MCB Incl. wiring with 2 X 4.0 sq mm + 1 X 4 sqmm PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed				

	manner etc ( Wiring from D.B. / Source to Board/destination ) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.(MCB of C-Curve with S.C Capacity 10 kA)				
4	<b>PANELS AND D.B.'s</b>				
a	<b>MAIN PANEL/VTPN(4 WAY) :(With following minimum capacity)</b>	Nos	1		
	Supply, installation , testing and commissioning of totally enclosed compartmentalized dust and vermin proof cubical segregated and modular in construction M.V. panel board wall mounted fabricated with 14swg and 16swg of CRCAM.S.sheet duly painted with two coat of metal red oxide and two coat of fire resistance paint at inside and outside of the panel, bus-bar chamber ,outgoing switchgear etc (all feeder unit Would be compartmentalized), colour coded PVC sleeved vertical / horizontal bus bar of required size of length, ( bus-bar distances shall be minimum 32 mm ) insulators, hardware, neoprene gasket , hinged door, interconnecting single core multi strand lugged copper wire having current density of 2A / sqmm of suitable capacity & size with lugs from bus bar to switchgears / mccb / mcb or where ever required, two earthing terminal busbar of size 25 x 5 mm with nut & bolts at outside of the panel , rating and name plates for all incoming & outgoing , two eye two nos eye bolts, wire mesh jali for ventilation etc comprising with the followings.				
	<b>NOTE:-</b>				
	Sheet 16 swg : panel sides,upper,lower,and Ft.doors				
	Sheet 16 swg: back side and compartments.				
	Glandplates: 3 mm thick.				
	Cable entry: Provision at bottom and upper sides.				
	Inside the panel: white colour paint.				
	Outside the panel: Grey colour paint.or as directed.				

	<b>INCOMER</b>				
	1 Nos 125 Amp MCCB, 25 KA- 4 Pole,C-curve				
	1 Nos – 150 A TPN insulated Cupper Bus Bar				
	Set of Indicator Lamps				
	Set of Voltmeter + Ammeter+ Selector Switch				
	<b>OUTGOINGS</b>				
	3Nos- 40 Amp,1 No-63 A TPMCB,C-curve				
	<b>SET AS ABOVE</b>				
b	SFU TPN 125 A with HRC fuses(just after meter and prior to Main Panel)	Nos	1		
5	<b>LIGHT DISTRIBUTION BOARD</b>	Nos	1		
	Supply, Installation, Testing and commissioning of the surface / recess mounting following way TPN MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories				
	<b>INCOMER</b>				
	1 No. TPN-RCBO/ELMCB 40 Amp ,100 ma sensitivity				
	<b>OUTGOINGS</b>				
	6-8 Nos SPMCB 6/10 /16Amp,B-Curve				
	<b>SET AS ABOVE</b>				
	Incl. Electrical connection, earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
6	<b>AC DISTRIBUTION BOARD</b>	Nos	1		
	Supply, Installation, Testing and commissioning of the surface / recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories				
	<b>INCOMER</b>				
	1 No. TPMCB 63Amp ,C-curve				
	<b>OUTGOINGS</b>				
	10 Nos SPMCB 25/32 Amp,C-curve				
	<b>SET AS ABOVE</b>				
	incl. Electrical connection, earthing, making good all the damages, painting,				

	cleaning the site, etc complete as per site requirement and as directed.				
	<b>SUBHEAD IV : UPS WIRING</b>				
7	<b>U.P.S. DISTRIBUTION BOARD (INCOMER)</b>				
	Supply, Installation, Testing and commissioning of the surface / recess mounting following way Double door MCB D.B.- Single phase distribution board ( Consumer unit ) for single phase out going with IP 42 protection incl. the followings accessories – incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
a	<b>INCOMER</b>	Nos	1		
	1 NOS 40 A DP MCB				
	<b>OUTGOINGS</b>				
	2 Nos- 40 Amp DP MCB				
	<b>SET AS ABOVE</b>				
b	<b>UPS DIST. BOARD OUTGOINGS.</b>	Nos	1		
	1 NOS 12 WAY SPN DIST BOARD				
	1 Nos- 40 Amp DPMCB				
	6-8 NOS 6/10 AMP SPMCB				
	<b>SET AS ABOVE</b>				
8	<b>SPECIAL POINTS: ( UPS) any length(TO WORKSTATIONS)</b>	Nos	16		
	Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate , sheet steel box etc on surface / concealed manner I/c electrical wiring with 2 X 2.5 sq mm + 1 X 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in rigid MMS grade PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc ( Wiring from D.B. / Source to Board/destination ) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.				
	<b>1 Nos. 16 A Switch + 3 Nos. 6 A, 5 pin Socket.</b>				

9	<b>EARTHING</b>	Nos	2		
	Preparation of the Earth station : ( as per I.S. 3043 )				
a)	Excavation of rocky earth, soft murrum, hard murrum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm X 1000 mm X 2500 mm deep.				
b)	S/F of Copper plate of size 600 X 600 X 3.00 mm				
c)	Supply & fixing 25 mm X 5 mm , 3 mtrs copper strip from copper plate to earth terminal including				
d)	Supplying and laying in position 15 mm, 2 mtrs G.I. B class perforated pipe for watering.				
e)	S/F of one set of reducer / funnel with mesh .				
f)	S/F of the following in the earth station. i). 75 Kg. Charcoal. ii). 50 Kg. Original Salt.				
g)	Construction of earth pit chamber incl necessary brick work, concrete , plastering, S/F of C.I. cover of size 12" X 12" complete as per site requirement with watering arrangement etc complete.				
10	Supplying and laying 25 X 3 mm copper strip direct on wall/ in ground with screws and washer including soldering / welding etc if required..	RMT	30		
11	Supply and laying of 6.0 sqmm PVC insulated copper wire from earth station to main panel board in 20 mm GI Pipe including all materials, accessories etc complete.	RMT	30		
12	<b>L.T.CABLES :</b>				
	Supply, laying, testing and commissioning of the following 1100 volt grade pvc insulated Al / Cu. Conductor armored cable inner and outer sheathed , along with the two run of G.I. earth wire i/c termination with brass gland and Al. lugs etc. complete as required.				
	<b>On surface :</b>				

	S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers ( wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages				
a	4 C x 16.0 sqmm armoured copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room	RMT	40		
b	3.5 C X 35sqmm. Al. Armoured .( with 10 SWG 2 Nos. G.I. wire ) from electric pole to METER ROOM	RMT	40		
	<b>TELEPHONE WIRING / CABLING SYSTEM.</b>				
13	Supplying, Installation, testing and commissioning of the telephone point with the followings -				
a	Two pair, 0.61 mm dia. telephone cable tinned copper conductor, P.V.C. insulated and sheathed, fire retarding, anti-termite, colour coded twisted pairs and rip cord.				
b	HMS Pvc pipe on beam /column / wall / floor etc with all necessary materials i/c connections, identification by numbering etc complete as required as per I.T.D. specification.				
c	Double outlet with shutter modular type Telephone Outlets ( RJ – 11 ) with suitable size PVC modular boxes complete as required .	Nos	2		
d	Single outlet with shutter modular type Telephone Outlets ( RJ – 11 ) with suitable size PVC modular boxes complete as required .	Nos	15		
14	Providing and fixing 20pair KRONE make telephone tag block with 20 pair module with termination and crimping complete and making good the surface as required/ directed.	Nos	1		
15	Providing and fixing 10 pair armoured tinned copper telephone cable in 32 mm PVC conduit from telephone utility junction box	RMT	40		
<b>TOTAL FOR PART C ELECTRICAL WORKS</b>					

### PART D: DATA CABLING WORKS

S.No.	Details of works.	Unit	Quantity	Rate	Amount
1	<b>COMPUTER CABLING SYSTEM.</b>				
1.1	<b>COMPUTER POINT : I / O's :</b>				
	Supplying, Installation, testing and commissioning of the Computer point with the followings -				
a)	Four pair STP CAT 6 LAN cable tinned copper conductor, P.V.C. insulated and sheathed, fire retarding, anti-termite, colour coded twisted pairs and rip cord. (from server room switch to I/O outlet )	Nos	2		
b)	HMS Pvc Pipe on beam /column / wall / floor etc with all necessary materials i/c connections, identification by numbering etc complete as required as per At & T specification.				
c)	Single outlet with shutter modular type I / O's Outlets ( RJ – 45 ) with suitable size PVC modular boxes complete as required	Nos	15		
2	Supply and Installation of following factory fabricated patch cords (STP-CAT 6) complete with connectors and boots on both sides. <b>Two Meter length</b>	Nos	20		
3	<b>Supplying and fixing</b>				
a)	12U Rack 3 side open	Nos	1		
b)	16 -Port Cat6 Unshielded Wall mount or Rackmount Patch Panel,	Nos	1		
c)	Patch cord cat6 1 metre B/Y Colour	Nos	20		
<b>TOTAL FOR PART D DATA CABLING</b>					

### PART E: ELECTRICAL FITTINGS AND FIXTURES

S.No.	Details of works.	Unit	Quantity	Rate	Amount
	<b>(Particulars)</b>			<b>(Rs.)</b>	<b>(Rs.)</b>
1	Supply, fixing, testing and commissioning of Recess mounted decorative luminaire with LED FIXTURES with class I electrical				

	safety, complete as required Fitting Dimensions :				
a)	32-40 watts, Minimum 2800 lumens LED SQUARE size 600X600X80 mm ( Approx.) : CRI>80,PF>0.9	Nos	20		
b)	14-15 w ,Minimum 850 lumens LED ROUND DOWN LIGHTER Diameter 110-165mm,CRI>80,PF>0.9	Nos	14		
c)	1 x 28w T-5 Light batten plain fitting with acrylic cover	Nos	5		
2	<b>FANS</b>				
a)	<b>WALL BRACKET FAN</b>	Nos	10		
	Supply and fixing of the following fans Wall bracket fan white (400mm blade size)				
b)	<b>CEILING FAN</b>	Nos	2		
	Supply and fixing of CEILING FAN 1200 MM Sweep				
c)	<b>EXHAUST FAN:</b>	Nos	2		
	Supply and fixing of the following single phase Exhaust Fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wound, A & E class insulation, dynamically balanced, below 40 db sound levels etc. Supplying & fixing of 300 dia Exhaust fans				
<b>TOTAL FOR PART E :ELECTRICAL FIXTURES AND FITTINGS</b>					

### Confirmation of Acceptance of Tender terms and conditions

(To be signed by the bidder and enclosed along with their offer in a separate envelope)

We have studied the terms and conditions of Tender Enquiry including General and Special terms and conditions, the specifications, layout drawings, Schedule of Quantities, Commercial terms and conditions, Approved Makes, etc.

We are accepting all terms and conditions of the Tender without any deviation.

Offer with any deviations from the Tender Enquiry are likely to be rejected.

We also understand that the order / s will be placed in the name of principals only and not in the name of their dealer/s. Our quotation is based on the above.

Date: \_\_\_\_\_

**SIGNATURE OF TENDERER  
WITH RUBBER STAMP**

### DECLARATION

**I / We hereby declare that I / We have read and understood the Terms and Conditions of the contract, Specifications, Drawings, Schedule of Quantities etc. and hereby agree to abide by them. In token thereof, I / We have signed below and at the end of the Schedule of Quantities, failing which the tender is liable to be rejected.**

**I / We understand that our Tender will not be considered if the rates for items are not written both in FIGURES and WORDS.**

**I / We hereby confirm that only the relevant entries asked for, have been made within the Tender documents issued to us. I / We also confirm that in the event of any entry in this Tender document other than the relevant entry or condition shall make this Tender invalid.**

Date : \_\_\_\_\_

**SIGNATURE OF TENDERER  
WITH RUBBER STAMP**