

The Oriental Insurance Co Ltd

M R O – I, Oriental House, 2nd Floor, 7 J Tata Rd, Churchgate, Mumbai -20

Price Bid

Proposed Interior Renovation
of

2nd , Ground
&
Mezzanine Floor
of

ORIENTAL HOUSE,
Churchgate, Mumbai

CONDITIONS TO THE CONTRACTORS

1	Tender must be submitted in a sealed envelopes as mentioned.
2	Contractor is expected to have visited the site, studied the actual conditions, reviewed the drawings before filling the tender.
3	Any prior information other than the drawings / tender document shall be obtained by the Contractor at his own cost & will.
4	Every page must bear the Contractor's company stamp & initials and the last page must bear the full signature of the Contractor.
5	All partners / Directors to sign the tender document in case of a partnership firm / company
6	Language for filling the Tender shall be English only
7	Tenderers shall use the Tender documents issued by the Architect only to fill the required information
8	No overwriting / erasing permitted. Such items shall be re-written correctly & legibly.
9	Contractor shall mention all his / company's registration numbers with various authorities such as G S T / Income tax / Electric board / MCGB etc. wherever necessary.
10	Tender shall be 'Item rate ' basis unless otherwise mentioned.
11*	All rates quoted shall mean ' exclusive of all kinds of taxes ' such as G S T / Octroi, levies, & / or duties etc. that are applicable as per the local laws & by the local authorities.
12	Rates quoted shall include charges for site cleaning & clearing, consumption of water & power, fencing, storages, Locking of contractor's materials & such items
13	Rates quoted in tender shall be valid till the entire completion of the work. No variations shall be permitted.
14	All transport charges shall be borne by the Contractor.
15	Contractor submitting the tender must have his own workshop or shall arrange so for the execution of the said work.

16*	Contractor shall pay Rs 3,38,000/- as Earnest Money Deposit & Rs 5000/- as Tender Fee by way of Demand Draft drawn on Nationalized / Scheduled Bank in favour of The Oriental Insurance Co. Mumbai. EMD of successful contractor shall be refunded along with the retention amount per details in pt. 21
17	O I Co. / Architect reserves the right to reject or accept any tender without clarifying the reasons thereof.
18	O I Co. reserves right to award the tender either in full or in part if required.
19*	Period of Contract to be of 90 days. <u>Successful Contractor shall be required to confirm the date of commencement while accepting the work order. Any delay beyond this contract period of 90 days shall attract a penalty of Rs. 5000 /- per week</u>
20	Only 3 bills shall be entertained for this contract. Thus payment shall be made in form of first bill / RA bill 1, Interim bill / RA bill 2 & Final bill only.
21*	EMD of the successful tenderer shall be held by the O I Co as 'Security deposit' and shall be refunded upon successful completion of the said work. 10% percent of the amount out of every above mentioned bill shall be retained by the O I Co, as interest free retention money & shall be refunded to the contractor twelve months after the total completion of the work & final bill certified by the architect, provided there are no complaints about the quality or the working of the items. This period of twelve months shall be treated as 'defect liability period' and any defect noticed during this period will be rectified by the contractor at his own cost.
22	TDS / Work Contract Tax / all other taxes as applicable shall be deducted from every bill
23	No advance shall be paid to the Successful Contractor for procuring the material.
24	Successful tenderer will have to accept the tendered work within seven days failing which it will be treated as 'Not interested' and O I co will have the right for further proper action
25	Successful tenderer will have to sign an agreement with the O I Co within seven days of receiving intimation from the O I Co / Architect and commence the said work within three days after the signing
26	Contractor awarded the said work shall not assign / sublet any portion of or full work to other contractor / sub contractor without the permission of the O I Co.
27	IMP : Contractor awarded the work shall give a PERT chart to the Architect on the very day of commencement of the work.
28	Contractor shall do the execution of the said work preferably at his workshop and carry out minimum work at the site and wherever absolutely necessary & essential.

29	Contractor shall immediately bring to the notice of the Architect 'discrepancy' if any, noticed in the drawing during the actual execution failing which it shall be treated as wrong execution.
30	No alteration of work on site shall be permitted without the approval from the Architect & O I Co's deputed representative.
31	O I Co / Architect reserves the right to make some alterations in some items if required due to site conditions.
32	Contractor shall be responsible for the behavior of the workers.
33	O I Co or the Architect is not responsible to any injury to the workers nor liable to 3 rd party during the course of work. Contractor should have valid insurance cover for his workmen / representative / equipment etc. as per statute or otherwise.
34	Any damage caused to the property / premises shall be repaired by the Contractor at his own cost.
35	Site must be kept clean throughout & cleared of debris & premises cleaned up within two days from the date of completion at his own cost. Any Local authority charges arising due to the above shall be paid by contractor
36	Contractor agrees to submit detailed explanation on quality, rates, make or any such thing if the O I Co or Architect desires so.
37	Contractor awarded the work shall take the measurements jointly with the O I Co's official as well as the Architect or their representative.
38	Quantities mentioned in the BOQ are liable to modifications per site requirements. Contractor shall show the aggregate value of the tender for such items totaled
39	Any dispute arising regarding execution of the work or settlement of the bill if not resolved shall be referred for ' Arbitration' to a retired Judge of the respected court or to a person recommended by Institute of Architects / Engineers
40	Contractor shall submit to the O I Co, Challan for every item
41	IMP : Successful Contractor shall first get the sample/s of all material approved from the Architect & shall then procure the entire approved material required - in the very first week of commencing the work. Subsequently, the contractor shall deposit with the Architect samples of all materials used in the project._ Architect will not approve the First bill / RA bill 1 unless the above is complied with.

42	<p>V IMP : For every item ie. quoted abnormally lower than the Architect's Estimate, the L1 contractor who will be awarded the work will have to give additional interest free security deposit in the form of DD for all such items. The amount for this additional security deposit shall be 50% of the difference between the amount in the Architect's estimate & the amount quoted by the contractor in the Price Bid. In case of more than one such items, Contractor shall give only one DD for the entire total of all such items.</p>
43	<p>IMP : Contractor shall handle all issues pertaining to all local authorities such as Municipal corporation, Central & / or State Govt., Electric Body, Fire Dept, Heritage Committee etc. arising during the execution of the work. Contractor shall procure all necessary permissions & shall bear the cost for the same.</p>

MATERIAL / BRANDS RECOMMENDATIONS

Note : Contractor shall submit to the O I Co, Challan for every item

ITEM NO	MATERIAL	BRAND
1	Plywood - Marine	Assam / Mysore Variety – Anchor, Century, National, Duro or Greenply. BWR Grade, Bore & Termite resistant. IS- 303 / 93 or equivalent
2	Block Board	IS 1659 / 90 – Anchor, Bhutan, Durian or equivalent
3	Laminate – 1.0 mm	Merinolam, Royal, Formica, Greenlam, Decolam or equivalent
4	Ceramic Tiles	Johnson, Nitco, Bell, Kajaria, Eurotech or equivalent
5	Vitrified Tiles	Same as above
6	False Ceiling-Alum	Armstrong or equivalent
7	Adhesive	Fevicol or equivalent
8	Paints	Goodlass, ICI, Berger, Asian or equivalent
9	Aluminum Section	Jindal , Hindalco, Shreeji or equivalent
10	Glass	Saint Goban, Modi, Floatglass, Vallabh or equivalent
11	Teak Wood	Malaysian , Nagpur, Dandeli
12	Hardware	Everite, Jyothi, CIEF, Argentor EqV Mortice locks for cabin doors of Ozone or equivalent
13	Chair	Godrej, Featherlite, Eurotech etc or its equivalent

TECHNICAL SPECIFICATIONS

	The Interior installation work shall confirm to the following L S standards (latest additions), Local supply authorities Rules and Regulations and Fire Safety norms.
1	IS : 732 Code of practice for Interior wiring installation (system of voltage not exceeding 650 V)
2	IS : 1646 Code of Practice for fire safety of buildings (General interior installation
3	IS : 9537 Part – II 1981 Rigid steel conduits for Interior wiring
4	IS : 2667 Fitting for rigid steel conduits for interior fittings
5	IS : 2509 Rigid non-metallic conduits fir interior installations
6	IS : 1293 Pin plugs and Sockets
7	IS : 694 PVC insulated cables with copper conductors for voltage up to 1100 Volts
8	IS 9532 Specification for conduits for Interior installations
9	IS : 3854 5A & 15A Switches
10	IS : 3043 (1981) Earthing
11	Indian Electricity Act 1956 and Rules and Fire Insurance Regulations.

LIST OF MAKES

NOTE : Makes in the Price Schedule supercedes this list. All makes shall be IS marked wherever applicable

1	CABLES ISI MARK 100 V (GRADE)	CCI, FINOLEX, ASIAN, FORT-GLOSTER
2	WIRES ; 660 V GRADE ISI MARK	FINOLEX, V-PLAST
3	ERW MS CONDUITS ISI MARK	BEC, NIC, ASIAN
4	CASING CAPPING & ACCESSORIES	PRECISION, MODI, ASIAN, DIAMOND
5	TRUNKINGS & TRUNKLINKS	PRECISION, MODI
6	PVC CONDUIT	PRECISION, ASIAN, DIAMOND
7	5A/6A PLATE TYPE SWITCHES & SOCKETS, ISI MARK	M K INDIA, CLIPSAL
8	CEILING ROSES, HOLDERS BUZZERS, BELLPUSH, BELLS	ANCHOR
9	DISTRIBUTION BOARDS MCB's	MDS, SIEMENS
10	ELCB / RCCB	MDS, SEIMENS
11	ELECTRIC FITIINGS	PHILIP, CROMPTON, CLIPSAL, THORN, GE LIGHTING
12	FANS & EXHAUST FANS	CROPMPTON, GEC
13	REWIRABLE SWITCH FUSE UNITS	KEW, BOSMA, STANLEY, STANDARD
14	CUT – OUTS	KEW, BOSMA, STANLEY, STANDARD
15	HRC SWITCH FUSE UNITS	GEC ALSTHOM, L & T, SEIMENS
16	TEAK FRAMED SWITCH	SPECIAL QUALITY BOARDS AVAILABLE IN MARKET
17	BUS – BAR CHAMBERS	STANLEY, KEW, STANDARD
18	CABLE GLANDS & LUGS	SEIMENS, DOWELS
19	INDUSTRIAL SOCKETS	CROMPTON, MDS, STANDARD, SIEMENS
20	15A SWITCH SOCKETS	ANCHOR
21	16A DP SWITCHES WITH FUSE	ANCHOR
22	TELEPHONE WIRES	USHA, DELTON, FINOLEX
23	FLOURESCENT TUBES & BULBS	PHILIP, CROMPTON, OSRAM, BAJAJ,
24	G I B-CLASS PIPES (ISI)	ITC, PRAKASH
25	ELECTRONIC REGULATORS	ANCHOR, RIDER
26	CONTACTORS	L & T, SIEMENS
27	MCCB's	L & T, GEC, ALSTOM
28	MEASURING INSTRUMENTS	A. E. IMP, MCCO
29	C. T.	A. E. IMP, MECCO, SIEMENS
30	CAPACITORS	CROMPTON, ASIAN, L & T
31	P. F. RELAY	L & T, ENERCON, TRINITY
32	TELEPHONE OUTLETS	M. K. INDIA

TERMS AND CONDITIONS

A) METAL CONDUITS :
All conduits pipes shall confirm to IS 9537 PART II 1981. Metal conduits shall be ERW black enameled 20mm / 25mm as the case may be depending upon the number of wires permitted as table – I. The conduits shall be fixed to walls / ceiling with M S saddles and spacers at an interval of 1 meter and on either side of bends.
All conduit accessories shall be 16 gauge & bends shall be of inspection type. All bends, couplers, threaded portion etc. shall be painted anti-corrosive paint. Bends in the pipes shall be done with bending hickies.
All pipes shall be cleaned for sharp burrs. Switch boxes shall be of GI 16G/14G. The switch box shall be concealed as per site requirement & as per Architect's/ Consultant's Instructions. Point shall be controlled with 5A switch or directly from DB as specified in schedule of quantities. Where plate type switches are not specified the switch board shall have 3mm thick hylum sheet on which switches shall be mounted.
The wiring shall be carried out with multi stranded PVC insulated copper wires of 1.5 sq mm 2nos (phase & neutral) & 2.5sq mm (earth). In all cases the earth shall be of green colour and neutral shall be black colour. All wires used shall be of 660 v grade. The point wiring shall be inclusive of circuit wiring from DB to the switch board unless otherwise stated in schedule of quantities. The circuit wiring shall be with 3 nos of 2.5 sq mm PVC insulated multi stranded copper conductors colour coded as detailed above. The rate shall also be inclusive of any chasing as directed by the Architect / Consultant / Client's engineer to conceal the drops and finishing the same.
In case of group control directly from DB, the primary point shall be from DB to the first point and secondary point from first point to the next point looped. The point shall terminate into the 3 plate-ceiling rose.
While laying the conduits in the slab before casting the slab, all drops shall be laid accurately to fall in position of switchboard. Junction boxes shall be sand filled. All joints shall be airtight. Conduits shall be fastened to the re-enforcement properly so that the conduits do not get dislocated while casting the slab. All conduits shall have 18 swg fish wire.
B) PVC CONDUITS :
The PVC conduit shall confirm to latest IS standards and shall be of medium gauge. The conduits shall be joined with PVC adhesive at joints. The conduits shall be fixed to wall / ceilings with GI, spaces and saddles at an interval of 60 cms & on either side of bends. The number of wires drawn in the conduits shall be as per table 1. The point wiring shall be controlled as in (a) above. The wiring shall be one with 2nos. of 1.5 sq m (Phase & Neutral) & 2.5 sq mm (earth) PVC insulated, copper conductors, multi-stranded and colour coded with green as earth and black neutral.
The circuit wiring shall be with 3 nos of 2.5 sq mm PVC insulated, copper conductors, multi stranded from DB to SB and the rate shall be included in the point wiring unless otherwise stated in the schedule of quantities. All other details shall be as for metal conduits.

C) CASING CAPPING / TRUNK AND TRUNKING :
PVC casing shall be fixed to wooden partitions by means of screws spaced not more than 60 cms apart. Holes for fixing the PVC capping shall be done by drilling machine only and these holes shall be plugged with PVC plugs or grips to which the screws shall be fastened. No less than 1 inch PVC mounted with partitions or surface mounted or concealed mounted as per site requirements and as directed. The wiring shall be carried out as described in (a) and (b) above. This wiring shall not be done for concealed wiring & wiring over the false ceiling work.
D) DISTRIBUTION BOARDS :
These shall be of sheet metal and standard design with copper bus bars. The board shall be fixed at accessible heights. The board shall be solidly fixed to walls / partitions, concealed or open as directed. All connections inside the DB shall be neatly arranged and tied with PVC strings. The MCB's shall be of 9KA for fault level. The DB shall be suitable earthed. Legend shall be written on DB with paint for identification of DB & circuits.
E) CABLES :
Cables shall conform to IS 1554-1976. Cables shall be heavy duty, armoured, PVC insulated & PVC sheathed 1.1 KV grade aluminum or copper. Cable shall be fixed with G I spacers & saddles at an interval of 45 cms and on every side of bends. The bending radii of cables shall be as per manufacturers instructions and in no case it shall be less than 12 times the overall diameter of the cable. Cable shall be so installed that they are not subject to mechanical damage. If there is a bend in the cable enclosed in a conduit, care has to be taken to prevent undo compression of insulation. This applies also to the top of vertical runs of longer than 5 meters where there could be compression caused by the weight of unsupported vertical cables. Cables may rest without fixing in horizontal runs or ducts or trunkings. The cables run in cable trays shall be fixed with cable ties at intervals of not more than 30 cms. No joint in the cable shall be permitted unless the cable exceeds the standard drum length. Joints if so necessary shall be located in accessible position. Termination of the cables shall be done with heavy duty copper / Aluminum lugs and brass cable glands.
Cables laid underground shall be to a minimum depth of 750 mm. It shall be ensured that cables laid underground are free of waterlines etc. The trenches shall be at least 30 cms wide & filled with 10 cms thick layer of dry sand on which the cable shall be laid. Further, 10 cms thick sand layer shall be put on the cable over which a brick layer shall be kept. The trench shall then be back filled with soft earth, rammed & consolidated to original level. Cable route indicators shall be laid at intervals of 20 metres and at all change in directions.
For cables laid on walls aluminum tags shall be fixed showing the size of the cable and the feeder number of the cable. These tags shall be at each ends and at least one or two places at intermediate positions.
The mode of measurement of cables shall be as follows :
i) For top entry of the cable, the measurement shall be taken up to the bottom of the switch-gear.
ii) For bottom entry of the cable, the measurement shall be taken up to the top of that switch board. No wastage shall be allowed for measurements.
F) SWITCH FUSE UNITS :
Switch fuse units shall be of sheet metal or iron clad with HRC fuses as described in schedule of quantities. The unit shall be of robust construction of standard specified make, design to withstand adverse working conditions. It shall have quick break type mechanism with ON & OFF position indicators of the operating handle. The switch shall be interlocked so that the unit cannot be opened. Manufacturer's instructions shall be followed for installation of switch fuse units. The switch shall be solidly earthed. The switch shall be mounted on walls on angle iron support grouted to wall. The supports shall be treated for rust treatment & painted with 2 coats of
synthetic enamel paint. The height of the switch board shall be such that it is accessible for

operation & maintenance.

G) INSTALLATION OF ELCECTRIC FITTINGS :

All interior fittings shall be fixed with down rods or on round blocks as stated in schedule of quantities. The down rods shall be 20mm dia. And 1.6mm wall thickness of ERW black enameled MS. The down rod shall be fixed with ball and socket joints check nuts etc. Special fixtures like spot lights etc. shall be fixed to false ceiling as per manufacturer's recommendations. The fittings shall be connected with 3 core 0.5 sqmm flexible copper cord / cable from ceiling rose and suitable earthed.

BUY BACK ITEMS
APPROXIMATED QUANTITY

ANNEXURE-A

This is indicative & approximate list. Bidder should visit the site, verify the items and quote in buyback head in the price bid in page no-51

S.no	DISCRIPTION	APPROX ONLY QUANTITY
		Buy Back
	ITEMS	
	Old Steel Tables	
1	Staff tables	75 no.
2	Officer tables	6 no
3	Cabin Tables	11 no
	Old Chairs	
4	Revolving Chairs	72 no
5	Netted Chairs	96 no
	Old Steel Cupboards	
6	Godrej cupboards (full height)	28 no
7	Godrej cupboards (small)	1 no
	Old fan	
8	Floor Stand FAN	56 no
	Old steel storage	
9	4ft-4in height	83 no
10	2ft-6in ht	23 no
11	7ft ht	3 no
	Steel Storage (open)	
12	Open storage 6ft-3in	6 no
13	Open storage 4ft	2 no
14	Open storage 2ft-6in	2 no
	Other Items	
15	Wooden table	2 no
16	Sofa chair (single)	16 no
17	Air conditioners (window -cabin)	12 no
18	Side table	6 no
19	Rear credenza	4 no
20	Safe	1 no
21	Sofa 8ft	1 no
22	Wooden storage -3ft-6in	12 no
23	Partitions	Lump sum
24	Tub light	100 no
	All other sundry items	
25	False ceiling Alum. frame,old AC ducts	Lump sum
	Venetian blinds,misc. Storage etc	

The Oriental Insurance Co

M R O – I, Oriental House, 2nd Floor, 7 J Tata Rd, Churchgate, Mumbai -20

Proposed Renovation of 2nd, Ground & Mezzanine Floor of Oriental House, Churchgate, Mumbai

B O Q

ITEM No	DESCRIPTION	QUANT'	RATE	AMOUNT
	Note : Figures are rounded off at many places for easy calculation			
	2nd FLOOR			
	<u>FURNITURE ITEMS</u>			
A	D G M CABIN			
	Tables :			
1	D G M TABLE Size 6.5ft x 3ft x 30in providing & supplying Executive table for D G M, made out of 3/4in thick. Commercial ply, veneer-melamine polish on Front, Sides & Rear. Top to have minimum 10mm thick tinted glass of recognized make with one piece beveled edges with glass protection of 1½ to 2in half round beading & with minimum 4in wide x 8mm thick ply border with veneer-melamine & inlay. Internal surfaces finished with zinc oxide polish. Table shall have 16in	1 no		

	<p>wide x 27in height storage on one side made out of 3/4in thick ply frame work. Drawers to have 1/2in thick ply for side, 6mm for back, twin telescopic sliding channels, key board etc. Both to have Lock & key including molding, flat &/or half round beading. All necessary heavy duty hard ware such as approved make brass finish stainless steel design handles, brass hinges, powder coated stainless steel wire manager, screws, nails, adhesive, magnetic ball catch Lock & Key etc& including t w molding, beading etc. complete per design drawing. -complete per drawing</p>			
	<p>Storages :</p>			
2	<p>SIDE CREDENZA size – 3.5ft x 2.5ft x 18in deep providing & supplying side credenza for DGM made out of 3/4in. ply frame work. All exposed surfaces of front, top & sides to have min. 4mm thick veneer (two shades-mid range) with min. 2 coats of melamine polish. 6mm ply on back side. Internal surfaces to have zinc oxide polish. Side credenza shall have drawers in 1/2in thick sides with twin telescopic sliding channels & shutters of 3/4in thick ply All necessary heavy duty hard ware such as approved make brass finish stainless steel handles, powder coated stainless steel wire manager, screws, nails, adhesive, Lock & Key etc & including teak wood molding, beading etc.. – complete per design</p>	10 sq ft		
3	<p>REAR CREDENZA size – 15 rft x 3ft providing & supplying Rear credenza made out of 3/4in. commercial ply frame work. All exposed surfaces of front, top & sides to have minimum 4mm thick veneer (two shades-mid range) with minimum 2 coats of melamine polish. 6mm ply on back side. Internal surfaces to have zinc oxide polish. Side credenza shall have drawers in 1/2in thick sides with twin telescopic sliding channels & shutters of 3/4in thick ply. All necessary heavy duty hard ware such as</p>	50 sq ft		

	approved make brass finish stainless steel handles, powder coated stainless steel wire manager, screws, nails, adhesive, Lock & Key etc& including teak wood molding, beading etc. – complete per design			
4	CORNER TABLE size – 3ft x 2ft-6in x 18in ht providing & supplying corner table made out of 4 polished leg supports of minimum 1 1/2in x 1 1/2in thick teak wood & with 3/4in thick granite (basic price Rs 275/-) fixed on 3/4in thick ply top & to have 3/4 in thick ply book shelf including beading, molding, all necessary heavy duty hard ware, natural polish etc .	2 no		
	Partitions :			
5	FULL HT PARTITION size – 15 rft x 12 ft - 1 no providing & erecting in position full height partition without door to the required size made out of frame work of 16 gauge aluminum tubular sections of 2in x 2in at 2ft c/c vertical & horizontal & of 2in x 2in x 2.5mm thick aluminum cleats & pipe with p h screws with minimum 1/2in thick exterior grade particle board. Partition shall have veneer with melamine polish on internal sides up to 3ft from floor & 2ft from ceiling & 1.5mm Laminate on external side. Remaining 5ft shall have 4in wide ply-veneer strips fixed to give photo-frame effect from internal side & portion between shall have texture paint. Portion above false ceiling shall have frame work only & including all necessary heavy duty hard ware (Texture paint mentioned separately)	180 sq ft		
6	SEMI GLASS FULL HT PARTITION (with door) size – 15ft x 12ft providing & erecting in position full height partition with semi glass door to the required size made out of frame work of 16 gauge aluminum tubular sections of 2in x 2in at 2ft c/c vertical & horizontal & of 2in x 2in x 2.5mm thick aluminum cleats & pipe with p h screws with minimum 1/2in thick exterior grade particle	180 sq ft		

	board. Partition & door shall have veneer with melamine polish on both sides up to 3ft from floor & 2ft from ceiling. Remaining 5ft shall have minimum 12mm thick tinted glass. Portion above false ceiling shall have frame work only, door to have door closer & including all necessary heavy duty hard ware			
	Wall Paneling:			
7	WALL PANELING(Lower-upper) size- 15ft x 4ft p & f wall paneling made out of aluminum tubular sections & exterior grade particle board described as in above with all exposed surface to have 4mm thick veneer with melamine polish – all up to 3ft ht from floor & 1ft from top including openings in f w / ply for electric conduits, boxes & t w molding, beading, grooves all n h d h w etc.	60 sq ft		
8	WALL PANELING (Middle) size – 15ft x 8ft p & s paneling with 4in wide ply strips with veneer-melamine polish fixed in such a way so as to give photo frame effect for the remaining ft portion between the lower & upper wall paneling as mentioned above & portion in between to have min 2 coats of texture paint per standard procedure. (Texture paint details are mentioned separately)	120 sq ft		
	Seats :			
9	EXECUTIVE CHAIR p & s appropriate model of chair of recognized make with following specifications : High back–ground height 18in, seat base- min 24in, back ht-27in. seat & back-12mm thick, Injection molded, one piece designer armrest in black polymer polypropylene & made out of min 14 gauge powder coated m s sheet frame work with 5 no twin wheel nylon castor & 2ft pitch centre diameter, 3 piece telescopic type injection molded in black polypropylene & with min 25% glass filled nylon, mechanism of Gas lift height adjustment with synchro tilt mechanism with multi angle lock, back & seat	1 no		

	ratio 1:3 / 360 degree revolving type, & with 1/2in thick hot pressed plywood soft molded polyurethane foam with 48 density & 20% compression & covered with fabric upholstery @ Rs 750/- per meter including all necessary heavy duty hard ware etc. (Contractor to supply one complete sample chair for approval)			
10	VISITORS CHAIR p & s appropriate model of non tilting revolving visitor chair with powder coated stainless steel arm rest of recognized make w/ following specifications : Mid back-ground ht 18in, seat base- min 21in, back ht-18in. Base-moo 5 prongs powder coated m s frame, Castors-single wheel type nylon castor rexylo. seat& back-12mm thick hot pressed ply with 48 density soft molded polyruthene foam. Fabric @ Rs 500/- per meter including all necessary heavy duty hard ware etc	3 no		
11	SOFA size - 6 ft. x 2ft-6in.dp. p & s sofa made out of min 3in x 2in. Malaysian / c p teak wood frame, w/ 3/4in. ply for all sides, 4 mm ply for arm rest, flat spring fixed on nylon bands, 'patti', min 4in. compact foam for seat, back & arm rest, standard packing material, white wrap cloth (<i>manjarpat</i>) w/ branded mill upholstery @ basic cost Rs 750/- mt. all necessary heavy duty hard ware etc. complete.	6 rft		
	TOTAL – A			
B	MANAGER's CABINs			
	Tables :			
1	MANAGER TABLE size – 5ft-6in x 3ft providing and supplying executive table for Manager, made out of 3/4in. thick commercial ply frame work. All exposed surfaces of Front			

	<p>apron, sides & rear to have minimum 4mm thick veneer (two shades-mid range) with minimum 2 coats of wax polish of approved make / colour. Top to have minimum 10 mm thick tinted glass of recognized make with minimum 4in wide x 8mm thick ply border with veneer-wax & inlay. Internal surfaces finished with zinc oxide polish. Table shall have storage on one side & of size 15in wide x 27in height, made out of 3/4in thick ply frame work & to have 3/4in thick ply for shutters, 1/2in thick for drawer side & 6mm for drawer back, key board etc. Drawers to have twin telescopic sliding channels. Table to have 3/4in thick ply for foot rest & c p u shelf. All necessary heavy duty hard ware such as approved make brass finish stainless steel design handles, brass hinges, powder coated stainless steel wire manager, screws, nails, adhesive, magnetic ball catch Lock & Key etc& including teak wood molding, beading etc. complete per design drawing.</p>	9 no		
	Storages :			
2	<p>SIDE CREDENZA - (veneer-wax) size – 3rft x 2.5ft x 18in deep – 9no p & s side credenza made out of 3/4in. commercial ply frame work. All exposed surfaces of front, top & sides to have minimum 4mm thick veneer (two shades-mid range) with minimum 2 coats of smooth silk finish wax polish. 6mm ply on back side. Internal surfaces to have zinc oxide polish. Side credenza shall have drawers in 1/2in thick sides with twin telescopic sliding channels & shutters of 3/4in thick ply. All necessary heavy duty hard ware such as approved make brass fini1sh stainless steel handles, powder coated stainless steel wire manager, screws, nails, adhesive, Lock & Key etc& including teak wood molding, beading etc. – complete per design</p>	70 sq ft		

3	<p>REAR CREDENZA</p> <p>size – 12rft x 3ft – 5no + 10rft x 3ft – 4no p& s Rear credenza m o o ¾in. commercial ply frame work.</p> <p>All exposed surfaces of front, top & sides to have minimum 4mm thick veneer (two shades- mid range) with minimum 2 coats of smooth silk finish wax polish. 6mm ply on back side.</p> <p>Internal surfaces to have zinc oxide polish.</p> <p>Side credenza shall have drawers in 1/2in thick sides with twin telescopic sliding channels & shutters of 3/4in thick ply. All necessary heavy duty hard ware such as approved make brass finish stainless steel handles, powder coated stainless steel wire manager, screws, nails, adhesive, Lock & Key etc& including teak wood molding, beading etc. – complete per design</p>	300 sq ft		
4	<p>CORNER TABLE</p> <p>size – 3ft x 2ft-6in x 18in ht</p> <p>providing & supplying corner table made out of 4 polished leg supports of minimum 1 1/2in x 1 1/2in thick teak wood & with 3/4in thick granite (basic price Rs 250/-) fixed on 3/4in thick ply top & to have ¾ in thick ply book shelf including beading, molding, all necessary heavy duty hard ware, natural polish etc .</p>	1		
	Partitions :			
5	<p>FULL HT PARTITION (between 2 cabins)</p> <p>10rft x12ft – 6no + 7x12– 2no + 15rft x12ft – 1n p & e in position full ht partition with door to the required size made out of 16 gauge aluminum frame work of 2in x 2in at 2ft c/c vertical & horizontal & of 2in x 2in x 2.5mm thick alum cleats & pipe w/ p h screws w/ min 1/2in thick exterior grade particle board as in above.</p> <p>Partition shall have veneer-wax polish up to 3ft from floor & 2ft from ceiling. Remaining 5ft shall have 4in wide ply-veneer strips fixed to give photo-frame effect & portion between shall have texture paint. Portion above false ceiling shall have frame work only & including all necessary heavy duty hard ware as described</p>	1625 sq ft		

	in earlier items above. (Texture paint mentioned separately)			
6	SEMI GLASS FULL HT PARTITION (with door –veneer-laminate) size–10rftx12ft – 9no + 12rft x 12ft (Dgm Secty) providing & erecting in position semi glass full height partition with door to the required size made out of frame work of 16 gauge aluminum tubular sections of 2in x 2in at 2ft c/c vertical & horizontal & of 2in x 2in x 2.5mm thick aluminum cleats & pipe with p h screws with minimum 1/2in thick exterior grade particle board. Partition shall have 4mm thick veneer with wax polish on internal sides up to 3ft from floor & 2ft from ceiling & 1.5mm Laminate on external side for same. Remaining 5ft shall have min 10mm thick clear glass with rubber lining etc. Partition to have door made out of min 1 1/2in x 1 1/2in thick teak wood frame with 1/2in ply on both sides & veneer from inside & laminate from outside as above. Portion above false ceiling shall have frame work only & including all necessary heavy duty hard ware (Texture paint mentioned separately)	1300 sq ft		
	Paneling :			
7	WALL PANELING(Lower-upper) size- 10rft x 4ft – 9no p & f wall paneling made out of aluminum tubular sections & exterior grade particle board described as in above with all exposed surface to have 4mm thick veneer with wax polish – all up to 3ft ht from floor & 2ft from top including openings in frame work / ply for electric conduits, boxes & teak wood molding, beading, grooves all necessary heavy duty hard ware	360 sq ft		
8	WALL PANELING (Middle) p & s paneling with 4in wide ply strips with veneer-melamine polish fixed in such a way so as to give photo frame effect for the remaining ft portion between the lower & upper wall paneling as mentioned above & portion in between to have min 2 coats of texture paint	360 sq ft		

	per standard procedure. (Texture paint details are mentioned separately)			
	Seats :			
9	<p>EXECUTIVE CHAIR</p> <p>p & s appropriate model of chair of recognized make with following specifications :</p> <p>High back–ground ht 18in, seat base- min 24in, back ht-27in. seat & back-12mm thick, Injection molded, one piece designer armrest in black polymer polypropylene & m o o min 14 gauge powder coated m s sheet frame work with 5 no twin wheel nylon castor & 2ft pitch centre diameter, 3 piece telescopic type injection molded in black polypropylene & with min 25% glass filled nylon, mechanism of Gas lift ht adjustment w/ synchro tilt mechanism w/ multi angle lock, back & seat ratio 1:3 / 360 degree revolving type, & with 1/2in thick hot pressed plywood soft molded polyurethane foam with 48 density & 20% compression & covered with fabric upholstery @ Rs 650/- per meter including all necessary heavy duty hard ware.</p>	9 no		
10	<p>VISITORS CHAIR</p> <p>p & s appropriate model of non tilting revolving visitor chair with powder coated stainless steel arm rest of recognized make w/ following specifications :</p> <p>low back–ground ht 18in, seat base- min 21in, back ht-18in. Base-moo 5 prongs p c ms frame, Castors-single wheel type nylon castor rexylo. seat& back-12mm thick hot pressed ply w/ 48 density soft molded polyruthene foam. Fabric @ Rs 450/- per meter including all necessary heavy duty hard ware etc</p>	18 no		
11	<p>SOFA</p> <p>size – 5rft – 9no</p> <p>p & s 3 seator sofa made out of min 3in.x 2in. Malaysian / c p teak wood frame, with ¾in. ply for all sides, 4 mm ply for arm rest, flat spring fixed on nylon bands, 'patti', minimum 4in. compact foam for seat, back & arm rest, standard packing material, white wrap cloth (<i>manjarpat</i>) w/ branded mill upholstery @ basic</p>	50 rft		

	cost Rs 650/- mt. etc. complete.			
	TOTAL – B			
C	OFFICER's AREA			
	Tables :			
1	<p>OFFICER TABLE size – 5ft x 2ft-6in providing and supplying table for Officers, made out of ¾in. thick commercial ply frame work. All exposed surfaces of Front apron, sides & rear to have minimum 1.5mm thick Laminate. Top to have minimum 10 mm thick tinted glass of recognized make with minimum 4in wide x 8mm thick ply border with laminate & inlay. Internal surfaces finished with zinc oxide polish. Table shall have storage on one side & of size 15in wide x 27in height, made out of ¾in thick ply frame work & to have ¾in thick ply for shutters, 1/2in thick for drawer side & 6mm for drawer back, key board etc. Drawers to have twin telescopic sliding channels. Table to have ¾in thick ply for foot rest & c p u shelf. All necessary heavy duty hard ware such as approved make brass finish stainless steel design handles, brass hinges, powder coated stainless steel wire manager, screws, nails, adhesive, magnetic ball catch Lock & Key etc& including teak wood molding, beading etc. complete per design drawing.</p>	21 no		
2	<p>SIDE CREDENZA size – 3rft x 2.5ft x 18in deep – 21no p & s side credenza made out of ¾in. commercial ply frame work. All exposed surfaces of front, top & sides to have minimum 1.5mm thick Laminate. 6mm ply on back side. Internal surfaces to have zinc oxide polish. Side credenza shall have drawers in 1/2in thick sides with twin telescopic sliding channels & shutters of ¾in thick ply. All necessary heavy duty hard ware such as approved make brass finish stainless steel handles, powder coated stainless steel wire manager, screws, nails,</p>	160 sq ft		

	adhesive, Lock & Key etc& including teak wood molding, beading etc. – complete per design			
3	<p>LOW HT PARTITION</p> <p>size - (v-inr) –12rft x 4.25ft–3no + (v-outr)–7rft x 4.25ft –1no+11rft x 4.25ft –2no+16rftx4.25ft</p> <p>p & e 4ft-3in high partition made out of alum. tubular sections & exterior grade particle board as described in earlier items above, 1.5mm Laminate on both sides for entire height, min. 5 mm thick. top teak wood bead, molding, beading, all necessary heavy duty hard ware</p>	360 sq ft		
4	<p>S G LOW HT PARTITION</p> <p>size – (v-inr)–5rft x 4.25ft–8no + (h-outr) – 5rft x 4.25ft – 4 no + (h –inr) – 11rft x 4.25ft – 8no</p> <p>p & e 4ft-3in high partition made out of alum. tubular sections & exterior grade particle board, 1.5mm Laminate on both sides up to 3ft from floor, remaining 15in to have minimum 10mm thick. clear glass with border etching, minimum 5 mm thick. top t w bead, molding, beading, all necessary heavy duty hard ware etc. .</p>	650 sq ft		
	Seats :			
5	<p>OFFICER CHAIR</p> <p>p & s appropriate model of chair of recognized make with following specifications :</p> <p>Mid back–ground ht 18in, seat base- min 24in, back ht-27in. seat & back-12mm thick, Injection molded, one piece designer armrest in black polymer polypropylene & m o o min 14 gauge powder coated m s sheet frame work with 5 no twin wheel nylon castor & 2ft pitch centre diameter, 3 piece telescopic type injection molded in black polypropylene & with min 25% glass filled nylon, mechanism of Gas lift ht adjustment w/ synchro tilt mechanism w/ multi angle lock, back & seat ratio 1:3 / 360 degree revolving type, & with 1/2in thick hot pressed plywood soft molded polyurethane foam with 48 density & 20% compression & covered with fabric upholstery @ Rs 600/- per meter including all necessary heavy duty hard ware. (Contractor to supply one sample chair in skeleton form)</p>	21 no		

6	<p>VISITOR CHAIR</p> <p>p & s appropriate model of chair of recognized make with following specifications : non tilting, revolving, low back & rest of</p> <p>specifications as in above but fabric upholstery @ Rs 450/- per meter including all necessary heavy duty hard ware etc. (Contractor to supply one sample chair in skeleton form)</p>	10 no		
	TOTAL – C			
D	STAFF AREA			
	Tables :			
1	<p>STAFF TABLE</p> <p>size – 4ft-6in x 2ft-3in x 30in ht</p> <p>p & s Staff table made out of 3/4in thick Comm. ply frame work. All exposed surfaces of front, sides & rear to have 1.5mm Laminate. Internal surfaces finished with zinc oxide polish. Top to have minimum 10 mm thick tinted glass of recognized make with minimum 4in wide x 8mm thick ply border with laminate. Table shall have storage on one side & of size 15in wd x 27in ht, made out of 3/4in thick ply frame work & to have 3/4in thick ply for shutters, 1/2in thick for sides & 6mm for back for drawers, key board etc. Drawers to have twin telescopic sliding channels. 6mm ply for drawer back. Table to have 3/4in thick ply for foot rest & c p u shelf. All necessary heavy duty hard ware as described in earlier items, Lock & Key etc & including teak wood molding, beading etc. complete per design drawing.</p>	30 no		
2	<p>SUB STAFF TABLE</p> <p>size – 3ft x 2ft</p> <p>p & s sub staff table made out of 3/4in thick Comm. ply frame work. All exposed surfaces of front, top & side to have 1.5mm Laminate. Internal surfaces finished with zinc oxide polish. Table to have single drawer with lock & key, 3/4in thick ply for foot rest. All necessary heavy</p>	8 no		

	duty hard ware & including teak wood molding, beading etc.			
	Storages :			
3	<p>SIDE CREDENZA size – 3rft x 2.5ft x 30in p & s side credenza m o o ¾in. ply f w, 6mm ply on back side. All exposed surfaces of f, t & s to have 1.5mm thk Laminate, Internal surfaces finished with zinc oxide polish. Side credenza shall have key board tray, drawers w/ telescopic sliding channel, 6mm back ply for drawer, ¾in thk ply shutters, shelves, glass shutter for CPU, all n h d h w described in earlier items, p c s s wire manager, screws, nails, adhesive, L & K etc& including t w molding, beading etc. complete per design drawing.</p>	30 no		
4	<p>REAR CREDENZA size – 10rft x 3ft + 11rft x 3ft p& s side credenza m o o ¾in. ply f w, 6mm ply on back side. All exposed surfaces of f, t & s to have 1.5mm thk Laminate, Internal surfaces finished with zinc oxide polish. Side credenza shall have key board tray, drawers w/ telescopic sliding channel, 6mm back ply for drawer, ¾in thk ply shutters, shelves, glass shutter for CPU, all n h d h w described in earlier items, p c s s wire manager, screws, nails, adhesive, L & K etc& including t w molding, beading etc. complete per design drawing.</p>	70 no		
	Partitions :			
5	S G Full Ht Partition	-----	-----	-----
6	<p>S G LOW HT PARTITION size – (h)2.5rft -10no + 5rft - 2no + 10rft -2no +12rft-1+ (v) 5rft – 11no = x 4.25ft p & e 4ft-3in highpartition made out of alum. tubular sections & exterior grade particle board, 1.5mm Laminate on both sides up to 3ft from floor,remaining 15in to have minimum 10mm thick.clear glass with border etching,minimum 5 mm thick. top teak wood bead,molding, beading,all necessary heavy duty hard ware</p>	540 sq ft		

	etc			
7	<p>STAFF CHAIR</p> <p>p & s appropriate model of chair of recognized make with following specifications : Low back– ground ht 18in, seat base- min 24in, back ht-27in. seat & back-12mm thk, Injection molded, one piece designer armrest in black polymer polypropylene & m o o min 14 gauge powder coated m s sheet frame work with 5 no twin wheel nylon castor & 2ft pitch centre diameter, 3 piece telescopic type injection molded in black polypropylene & with min 25% glass filled nylon, mechanism of Gas lift ht adjustment with synchro tilt mechanism with multi angle lock, back & seat ratio 1:3 / 360 degree revolving type, & with 1/2in thick hot pressed plywood soft molded polyurethane foam with 48 density & 20% compression & covered with fabric upholstery @ Rs 550/- per meter including all necessary heavy duty hard ware etc. (Contractor to supply one sample chair in skeleton form</p>	30 no		
8	<p>SUB STAFF CHAIR</p> <p>p & s appropriate model of chair of recognized make with following specifications : non tilting, revolving, low back & rest of specifications as in above but without gas lift & fabric upholstery @ Rs 400/- per meter including all n h d h w etc (Contractor to supply one sample chair in skeleton form)</p>	8 no		
	TOTAL – D			
E	MISCELLANIOUS			
	Wall Paneling :			
1	<p>WALL PANELING(Lower)</p> <p>size–(30+22+65+35+15+22+5+28+13+22)rft x3 p & f wall paneling made out of aluminum tubular sections & exterior grade particle board described as in above with all exposed surface to have 1.5mm thick Laminate – all up to 3ft ht</p>	750 sq ft		

	from floor & 2ft from top including openings in frame work & ply for electric conduits, boxes & teak wood molding, beading, grooves all necessary heavy duty hard ware etc.			
2	WALL PANELING (Middle) size – 100ft x 9ft (overall size) p & s paneling with 4in wide ply strips w/ 1.5mm thick Laminate fixed in such a way so as to give photo frame effect for the remaining 5ft portion between the lower & upper wall paneling as mentioned above & portion in between to have min 2 coats of texture paint per standard procedure. (Texture paint details are mentioned separately)	900 sq ft		
	Door –Windows-Blinds			
3	MAIN ENTRANCE DOOR – size - 4ft x7ft p & s main entrance door, single leaf made out of 12mm thick clear glass with border etching & floor spring (Onyx or Eqv) in minimum 2in x 1in anodized aluminum casing sections, stainless steel glass holders including minimum 8in. s s handles & all brass & other necessary heavy duty hard ware etc. per drawing	30 sq ft		
4	ALUM P C SLIDING WINDOW size – 70+60+50+10+30+10 =230 x 6ft p & f 6in x ¾in thick marble on made surface of wall including anti-seepage drop, further p & s sliding window in minimum 3in x 1½in track made out of powder coated aluminum section & with minimum 10 mm thick tinted glass including rubber gasket, bearings, easy slide, all necessary heavy duty rust free hard ware, locking provision etc.	1500 sq ft		
5	GRANITE ARCHITRAVE for windows p & f min ¾in thick x 6in wide or as per site size granite architrave fixed with proper cement sand mix 1:4 (granite basic rate @ min. Rs 225/- sq ft) including polishing, edging etc.	500 rft		
6	VENETIAN BLINDS size – 5ft ht x 300 rft p & s vertical blinds with high tenacity grade polyester yarn & weave fabric having acrylic			

	acid coating on both sides of superior range hard fabric of recognized make. (basic price @ Rs 90/-). Adjustment mode to be dynamic or static. 1/8in steel mounting brackets, resting locking nut, compression spring w/ nylon washers on 1/4in s shaft, linear disc break system, cadmium plated steel, powder coated aluminum section, lever & rod fitting, all other heavy duty hard ware etc.	1500 sq ft		
	Aesthetics :			
7	WALL PICTURE FRAMES size - 15in x 24in - 3 no, 18in x 27in - 3 no, 24in x 36in - 4 no p & s offset printed laminated wall picture paintings (basic rate Rs 750/-) with frame work made out of minimum 3/4in wide polished teak wood molding & 4 mm back ply oil painted including clips, holder chain, all other heavy duty hard ware etc.	10 no		
8	ARTIFICIAL PLANTS p & s mid range artificial washable plants (Singapore variety) – average stem height 3ft m o o polyester silk fixed in Terracota / Ceramic / Earthen Pot w/ thermocol, moist & packing material filled in etc.(basic rate Rs 1000/- rft)	7 no		
9	ARTIFICIAL CREEPERS p & s artificial washable creepers m o o material as in above & of apx 12in long stem w/ min 7 branches in each stem fixed at intervals & rest as above (basic rate Rs. 300/- rft)	30 rft		
10	FLOWER ARRANGEMENT (in cabins) p & s artificial washable flower arrangement m o o material as in above & of min. 9in height & of min 9in spread fixed in ceramic pot & rest as above (basic rate Rs 500/- per skeleton no)	10 no		
11	FLOWER ARRANGEMENT - (on staff tables) same as above but micro size (basic Rs 200/-)	10 no		
	Precautions :			
12	COLUMN TREATMENT (Lower-upper) size – 4rft x 3ft x 4sd – 7no p & g square box effect to existing columns,			

	each side to be of min +/-2ft width, made out of aluminum frame work as described earlier & exterior grade particle board for 10ft ht& 1.5mm thick laminate on it on all 4 sides up to 4ft from floor & 2ft from top. Column edges to have teak wood molding including all necessary heavy duty hard ware etc per design drawing	350 sq ft		
13	COLUMN TREATMENT (Middle) size – 4rft x 7ft x 4sd– 7no p & s for remaining 5ft of above to have only 3in wide ply strips with 1.5mm thick laminate finish giving photo-frame effect on all sides, portion in between to have min 3coats of textured paint including all necessary heavy duty hard ware etc. (Texture paint - item is mentioned separately but rate to be included in this)	800 sq ft		
	Others :			
14	Removing existing old furniture & carting away to desired / earmarked location	Lump	Sum	
	TOTAL – E			
F	CIVIL			
1	TILES REMOVING size - 100 x 52 + 40 x 7 – 30 x 20 removing existing floor tiles, cleaning surface, removing debris & carting away to marked location , cleaning & making surface	5000 sq ft		
2	FLOOR TILES – 2' x 2' size - 100 x 52 + 40 x 7 – 30 x 20 p & f 2ft x 2ft x 10mm glazed / polished vitrified tiles of recognized brand in place on surface made with proper cement-sand-mortar mix, waterproofing compound etc. including 2in x 2in “tikli” (diamond) effect at intervals made out of similar coloured tiles pieces, gaps leveled & filled with white cement etc. surface cleaned, per design. (Basic price @ min. Rs 60/-sq ft.) Properties & Characteristics of tile such as dimensions, water absorption, Modulus of rupture, abrasion, thermal shock & chemical	5000 sq ft		

	resistance, co-ef of linear expansion etc to be as per ISI definition. - (eg : Marbonito ISO 9002 / Somany ISO 10545/98 & testing per ISO : 13006/98 IS 15622/05 &/or as per ISO: 10545 98)			
3	SKIRTING p & f 4in ht. skirting out of same tiles mentioned above	250 rft		
4	FALSE CEILING (including drops etc) p & f minimum 12mm thick Gypsum board tile false ceiling made out of minimum 0.5mm thick G I framework of flange sizes -20mm x 30mm, 45mm x 0.9m etc, fixed at minimum 2ft c/c, G I hangers of min 0.5mm thick & 25mm x 10mm including drops, curves, gaps filled, cleats, fasteners, making recess / holes for light / fan fixtures / grills etc. made out of India gypsum or equivalent, all necessary heavy duty hard ware, joints filled with fibre tape, surface made, debris cleared & area cleaned etc. per design (rate shall include removal of existing false ceiling, if any, as well as p & s scaffolding)	5500 sq ft		
5	POP MOLDING p & f minimum 6in x 6in molding made out of 3/4in thick p.o.p & G I framework as in F C item above including drops, curves, gaps filled, edges etc. rest as above.	700 sq ft		
6	WALL PAINTING removing existing paint by scrapping/scrubbing method, (surface to dry for 24 hrs.) making surface smooth & even w/ numbered sand paper, filling holes, applying min. 2 coats of primer & max. 2 coats of cement based 'putty', scrapping-applying method, making surface, applying 3 coats of matt finish plastic emulsion paint on walls, including scaffolding, debris cleared & area cleaned	2000 sq ft		
7	CEILING PAINT process same as above but for p & a min 3 coats of Oil Bound Distemper / Flat Enamel / Oil Paint	5500 sq ft		
8	TEXTURE PAINT pre process as in items of wall & ceiling paint above & further p & a min. 2 coats of texture	-----	Rate only	-----

	paint of recognized make finished with texture roller per manufacturer's specifications including leveling, making surface, gaps filled	---		---
9	PLASTERING - providing & applying cement plaster wherever necessary by removing damaged portion and redoing the same surface with ½in thick cement plaster in proper sand-water ratio mix	- - -	Rate only	----- --
	TOTAL – F			
G	<u>ELECTRICAL</u>			
	NOTE - all points using designer modular fittings of recognized make for board, plugs, switches, ISI mark wiring etc. (contractor to state & quote whether for ROMA, MK, ANCHOR or equivalent) Rate to include bends, corners, couplings, junctions, all necessary heavy duty hardware & other accessories as well as earthing & scaffolding etc.			
	Read P, S, I, T & C for Providing, Supplying, Installing, Testing and Commissioning herein after			
	<u>Items under this section to be executed only in absence of any existing arrangement at the site</u>			
	TRUNKING WORKS :			
1	FLOOR CONDUITS p & s Aluminum floor conduits / pipes of required size & shape (4in wd x 1in/2in / 6inwd x 1in/2in / 8in wd x 1in/2in / 12in x 1in/2in) min 14 gz, for Data cabling per drawing including all bends, junctions, clippings, all necessary heavy duty hard ware etc – all laid / fixed below the floor tile. (Contractor to execute this before laying of / replacing tiles w/ proper alignment etc / to run parallel)	450 rft		
	WIRING :			
	Point wiring through PVC conduits of 20/25 mm dia in concealed form with 1.5 sq mm (2 nos) and 1.5 sq mm (1 no) for earth PVC insulated copper wires with Anchor / Roma / M K India make modular switches complete with all accessories as described in specification including making recess in wall, earthing, labour, board, sockets, bends, coupling, h w et The switch boxes and plates should be original			

	and surface / recessed mounted as directed by the electrical consultant / Architects and should be done in co-ordination with interior furniture work. The rate should be including entire required circuit wiring.			
	for : p, s, l, t, c			
2	Light Points (primary)	60 pts		
3	Light Points (secondary)	70 pts		
4	Fan Points w/ modular step type regulator	20 pts		
5	6A Switch and 3 Pin Socket Point w/ 3 points each & wiring (comp. point) w/ mcb	90 pts		
6	6A Switch and 3 Pin Socket Pt on S B on wall	50 pts		
7	16A Switch and 3 Pin Socket Pt with wiring	2 pts		
8	Bell Points w/ Ding Dong Bell & indicator	10 pts		
9	A/C Point for Window / Split A/C	10 pts		
10	2.5 sq mm PVC insulated copper wires (3 no)	3000 rft		
11	4 sq mm PVC insulated copper wires (3 no)	900 rft		
12	S & L 2 mm thick PVC pipe on wall / flooring for Tel. / Data / Power	500 rft		
13	20 mm dia. with all accessories	500 rft		
14	25 mm dia with all accessories	370 rft		
15	80 x 40mm AL Raceway	200 rft		
16	S & L of 20 pair un armoured cable in already provided pipe for telephone	180 rft		
17	10 sq mm 4 core copper flexible cable	180 rft		
18	10 sq mm 3 core copper flexible cable	250 rft		
19	Making trenches in floor by carefully removing floor tiles suitable for mounting pipes & junction boxes & cementing back to original level with 1:2:2 cement concrete with proper cement finish 12in / 8in / 6in wide Junction boxes made with 14 SWG G I sheet with knockout holes and provision for covers	200 rft		
20	Junction boxes 8 x 8in	12 no		
21	Junction boxes 12 x 12in	15 no		
	P s l t c			
22	RJ – 11 Telephone outlet Modular type with original plate & G I recessed / concealed mounting box	50 no		
23	Telephone point 4 pair telephone point for each cabin with 2no RJ-11	5 no		
24	RJ – 45 box	40 no		

25	Data Cabling P & s CAT6 cable of required size & recognized make for data network per IT consultant's details with RJ-45 module on one side & on the other side crimping I/O	6000 rft		
	FIXTURES			
	PSFTIC :			
26	2x36 W CFL(2x2) M.O. luminaire with P5 paralite louver of Havells, Arcade or equivalent fittings with lamps in pop / gypsum false ceiling	20 no		
27	1 x 36 W FTL T5 p c batten type 4ft luminaire of Philip, Havell or equivalent fitting on ceiling or on wall with the help of PVC block & connections etc including thin tube, starter, frame etc complete	10 no		
28	Down lighters 2x18W PL-C/CFL concealed type in false ceiling with matt finish reflector in pop ceiling, connections etc complete.	90 no		
	Following items may be executed depending on site conditions & availability but contractor MUST quote for these following 3 items	---	Rate Only	-----
29	Supply & laying of 2 pair unarmoured cable in already provided pipe for Telephone with I O	500 rft	Rate Only	- - -
30	DUCTING p & s G I ducting for Central A/C of apx. min size 18in x 4in avg. with proper alignment, flow & direction of ducts per technical chart & specifications, felt lining, including all necessary heavy duty hard ware. AI/GI framework, including square type supply outlet fittings etc.	200 rft	Rate Only	- - -
31	P, S, I, T & C of 63 Amp FP MCB in ms Box (A/C & UPS)	3 no	Rate Only	- -
32	16A Switch & Socket complete with original plate & GI recessed / concealed mounting box including 2.5 sq mm 3 no. PVC insulated copper wires in PVC pipe from DB & connection etc. complete	3 no	Rate Only	- - -
33	Supply & Laying of Mains for Main Board, thru' 20/25mm pvc pipe (The rate should include cost of pipe & all accessories)	250 rft	Rate Only	- - -
	TOTAL – G			

H	LIFT LOBBY			
1	TILES REMOVING removing existing floor tiles, cleaning surface, removing debris & carting away to marked location , cleaning & making surface	700 sq ft		
2	FLOOR TILES – 2’ x 2’ size – 28ft x 24ft p & f 2ft x 2ft x 10mm glazed / polished vitrified tiles of recognized brand in place on surface made with proper cement-sand-mortar mix, waterproofing compound etc. including 2in x 2in “tikli” (diamond) effect at intervals made out of similar coloured tiles pieces, gaps leveled & filled with white cement etc. surface cleaned, per design. (Basic price @ min. Rs 60/-sq ft.) Properties & Characteristics of tile such as dimensions, water absorption, Modulus of rupture, abrasion, thermal shock & chemical resistance, co-ef of linear expansion etc to be as per ISI definition. - (eg : Marbonito ISO 9002 / Somany ISO 10545/98 & testing per ISO : 13006/98 IS 15622/05 &/or as per ISO: 10545 98)	700 sft		
3	SKIRTING p & f 4in ht. skirting out of same tiles mentioned above	110 rft		
4	WALL PANELING(Lower) size – 100rft x 3ft p & f wall paneling made out of aluminum tubular sections & exterior grade particle board described as in above with all exposed surface to have 1.5mm thick Laminate – all up to 3ft ht from floor & 2ft from top including openings in frame work & ply for electric conduits, boxes & teak wood molding, beading, grooves all necessary heavy duty hard ware etc.	300 sq ft		
5	WALL PANELING (Middle) size – 100rft x 9ft (overall size) p & s paneling with 4in wide ply strips w/ 1.5mm thick Laminate fixed in such a way so as to give photo frame effect for the remaining 5ft portion between the lower & upper wall paneling as mentioned above & portion in	700 sq ft		

	between to have min 2 coats of texture paint per standard procedure. (Texture paint details are mentioned separately)			
6	FALSE CEILING (including drops etc) p & f minimum 12mm thick Gypsum board tile false ceiling made out of minimum 0.5mm thick G I framework of flange sizes -20mm x 30mm, 45mm x 0.9m etc, fixed at minimum 2ft c/c, G I hangers of min 0.5mm thick & 25mm x 10mm including drops, curves, gaps filled, cleats, fasteners, making recess / holes for light / fan fixtures / grills etc. made out of India gypsum or equivalent, all necessary heavy duty hard ware, joints filled with fibre tape, surface made, debris cleared & area cleaned etc. per design (rate shall include removal of existing false ceiling, if any, as well as p & s scaffolding)	800 sq ft		
7	POP MOLDING p & f minimum 6in x 6in molding made out of 3/4in thick p.o.p & G I framework as in F C item above including drops, curves, gaps filled, edges etc. rest as above.	100 rft		
8	WALL PICTURE FRAMES size - 24in x 36in p & s offset printed laminated wall picture paintings (basic rate Rs 750/-) with frame work made out of minimum 3/4in wide polished teak wood molding & 4 mm back ply oil painted including clips, holder chain, all other heavy duty hard ware etc.	5 no		
9	ARTIFICIAL PLANTS p & s mid range artificial washable plants (Singapore variety) – average stem height 3ft m o o polyester silk fixed in Terracota / Ceramic / Earthern Pot w/ thermocol, moist & packing material filled in etc.(basic rate Rs 1000/- rft)	5 no		
TOTAL - H				
	TOTAL – A			
	TOTAL – B			
	TOTAL – C			
	TOTAL – D			
	TOTAL – E			

	TOTAL – F		
	TOTAL – G		
	TOTAL – H		
	TOTAL – 2 nd FLOOR		

GROUND FLOOR				
ITEM No	DESCRIPTION	QUANT'	RATE	AMOUNT
	Apx. Carpet Area 1000 sq ft			
	Dy Gen Manager & Reg Mgr Furniture in veneer-polish & all other furniture in 1.5mm thick Laminate			
	<u>FURNITURE ITEMS</u>			
J	D G M CABIN			
	Tables :			
1	D G M TABLE p & s DGM table same as in item A-1 above	1 no		
	Storages :			
2	SIDE CREDENZA size – 3.5ft x 2.5ft – 1no p & s side credenza same as in item A-2 above	10 sq ft		
3	REAR CREDENZA size – 7ft x 3ft – 1no p & s rear credenza same as in item A-3 above	20 sq ft		
4	CORNER TABLE p & s Corner Table same as in item A-4 above	1 no		
	Partitions :			
5	FULL HEIGHT PARTITION size - 11ft x 12ft – 1no p & s Full Ht Partition same as in item A-5 above but for this size	140 sq ft		
6	SEMI GLASS FULL HT PARTITION with door size – 13ft x 12ft – 1no	160 sq ft		

	p & s Semi Glass Full eight Partition same as in item A-6 above but for this size			
7	S G FULL HT PARTITION without door size – 11rft x 12ft – 1no p & s S G Full ht partition same as in item A-6 above but without door and for this size	140 sq ft		
	WALL PANELING:			
8	Lower/upper size – 13rft x 3ft + 14ft x 3ft – 1no same as in item A-7 above but for this size	100 sq ft		
9	Middle size – 13rft x 5ft – 1no same as in item A-8 above but for this size	70 sq ft		
	Seats :			
10	EXECUTIVE CHAIR same as in item A-9 above	1 no		
11	VISITOR CHAIR same as in item A-10 above	3 no		
12	SOFA same as in item A-11 above	6 rft		
	TOTAL – J			
K	REG. MANAGER’S CABIN			
1	R M TABLE size – 5ft-6in x 3ft p and s table for Regional Manager same as in item B-1 above	1 no		
	Storages :			
2	SIDE CREDENZA size 3ft-6in x 2ft-6in x 18in dp p & s side table for Reg. Mgr. same as in item B-2 above but for this size	10 sq ft		
3	REAR CREDENZA size - 6rft x 3ft x 18in p & s rear credenza same as side credenza in above but for this size & per design	20 sq ft		
4	CORNER TABLE size – 2ft-6in x 2ft-6in x 18in ht p & s corner table m o o min 1 1/2in x 1 1/2in thk t w polish leg supports – 4 no, w/ 3/4in thk ply & 3/4in thk granite (basic Rs 250/-) on top & 3/4 in thk ply book shelf including beading,	1 no		

	molding, all n h d h w, natural polish etc .			
	Partitions :			
5	Full height Partition	-----	-----	-----
6	SEMI GLASS FULL HT PARTITION (with door –veneer-laminate) size–13rftx12ft – 1no providing & erecting in position semi glass full height partition with door same as in item B-6 above but for this size	160 sq ft		
7	- do – but w/o door	-----	-----	-----
	WALL PANELING :			
8	Lower/upper size – 11+11rft x 3ft + 4ft – 1no same as in item A-7 above but with wax polish and for this size	160 sft		
9	Middle size – 11+11rft x 5ft – 1no same as in item A-8 above but with wax polish and for this size	110 sft		
	Seats :			
10	Executive Chair same as in item B-9 above	1 no		
11	Visitor Chair same as in item B-10 above	3 no		
12	Sofa same as in item B-11 above	6 rft		
	TOTAL – K			
L	MANAGER’s CABIN			
1	Manager Table Size – 5ft-6in x 2ft-6in Same as in item B-1 above but for this size	1 no		
	Storages :			
2	Side Credenza size – 3rft x 2.5ft – 1no same as in item B-2 but for this size	8 sq ft		
3	Rear Credenza	-----	-----	-----
4	Corner Table	-----	-----	-----
	Partitions :			
5	Full height Partition size - 10rft x 12ft – 1no same as in item B-5 but for this size	120 sq ft		
6	S G full ht Partition w/door			

	size – 9rft x 12ft – 1no same as in item B-6 but for this size	110 sq ft		
7	- do – but w/o door	-----	-----	-----
	WALL PANELING :			
8*	Lower/upper size – 10rft x 3ft + 8ft x 3ft – 1no same as in item B-7 but for this size	70 sq ft		
9	Middle size – 9rft x 5ft – 1no same as in item B-8 but for this size	50 sq ft		
	Seats :			
10	Executive Chair same as in item B-9	1 no		
11	Visitor Chair same as in item B-10	2 no		
	TOTAL – L			
M	Dy MANAGER & STAFF AREA			
	Tables :			
1	DY. MANAGER TABLE size – 5ft-3in x 2ft-6in p & s Manager table same as in item B-1 above but for this size	3 no		
2	OFFICER TABLE size – 5ft x 2ft-6in p & s Officer Table same as in item B-2 above but for this size	3 no		
	Storages :			
3	SIDE CREDENZA size - 3ft x 2.5ft – 6no p & s side credenza same as in item B-3 above but for this size	50 sq ft		
4	REAR CREDENZA size -7rft + 12rft x 3ft p & s rear credenza same as in item B-4 above but for this size	60 sq ft		
	Partitions :			
5	FULL HT SEMI GLASS PARTITION size – 10rft x 12ft – 2no same as in item B-5 above but with Laminate on both sides without glass and for this size	240 sq ft		
6	S G LOW HT PARTITION size – 7+2+3+3+3+3rft x 4.25ft same as in item C-4 but for this size	90 sq ft		

7	LOW HT PARTITION size – 7rft x 4.25ft – 2no same as in item C-3 but for this size	60 sq ft		
	Seats :			
8	DY. MANAGER CHAIR same as in item C-5 above	3 no		
9	OFFICER CHAIR same as in item C-5 above	3 no		
10	VISITOR CHAIR same as in item C-6 above	6 no		
	TOTAL – M			
N	MISCELLANIOUS			
	Wall Paneling :			
1	LOWER / UPPER PANELING size – 24rft x 3+4ft same as in item E-1 above but for this size	170 sq ft		
2	MIDDLE PANELING size – 24rft x 5ft same as in item E-2 above but for this size	120 sq ft		
	Door –Windows-Blinds			
3	MAIN ENTRANCE DOOR size – 7rft x 7ft same as in item E-3 but for this size	50 sft		
	Alum Sliding Windows	-----	-----	-----
	Granite architrave for windows	-----	-----	-----
4	VENETIAN BLINDS size – 40rft x 7ft same as in item E-6 above but for this size	300 sq ft		
	Aesthetics :			
5	PICTURE FRAMES same as in item E-7 above	10 no		
6	ARTIFICIAL PLANTS same as in item E-8 above	10 no		
7	CREEPERS same as in item E-9 above	25 rft		
8	FLOWER ARRANGEMENT same as in item E-10 above	10 no		
	Precautions :			
9	COLUMN TREATMENT size – 3rftx4sdx4ft+3+1.5+1.5rftx4ft-3no same as in item E-12 above but for this size	120 sq ft		
10	COLUMN TREATMENT (strip & texr pnt)- size - 3rftx7ftx4sd+1.5+3+1.5rftx7ft-3no	210 sq ft		

	same as in item E-13 above but for this size			
	Others :			
11	Removing old furniture / carting away Same as in item E-14 above	L	S	
12	VISITOR SOFA Same as in item A-11 but with upholstery @ Rs 600/- mt	12 rft		
13	CENTER TABLE size – 3ft x 2ft Same as in item A-4 but with minimum 10mm thick tinted glass top but for this size	1 no		
	TOTAL – N			
	Section 'O' Intentionally avoided			
P	<u>CIVIL</u>			
1	Removing existing tiles & carting away debris same as in item F-1 above	1000 sft		
2	VITRIFIED FLOOR TILES (2' x 2') size – 40ft x 25ft same as in item F-2 above	1000 sft		
3	SKIRTING – 4in - (out of above) same as in item F-3 above	130 rft		
4	GYPSONUM FALSE CEILING (including drops minus stair) Same as in item F-4 above	900 sft		
5	POP MOLDING same as in item F-5 above	200 rft		
6	CEILING PAINT Same as in item F-7 above	900 sft		
7	WALL PAINT Same as in item F-6	1200 sft		
	TOTAL – P			
Q	<u>ELECTRICAL</u>			
	<u>Specification description for this section 'Q' is same as in item G above</u>			
	<u>Trunking Work</u>			
1	Floor Conduits <u>Wiring :</u> For : p, s, l, t,c	90 rft		

2	LIGHT POINTS (primary)	15 pts		
3	LIGHT POINTS (secondary)	20 pts		
4	FAN POINTS with modular step type regulator	7 no		
5	6A SWITCH and 3 Pin Socket PT w/ mcb	20 pts		
6	6A SWITCH and 3 Pin Socket PT on S B	10 pts		
7	16A SWITCH and 3 Pin Socket PT w/ wiring	3 no		
8	BELL POINTS with Ding Dong Bell & indicator	7 no		
9	A/C POINT for Window / Split A/C S & L of Main for M B, thru' 20/25 mm Pvc pipe	7 no		
10	2.5 sq mm PVC insulated copper wires (3 no)	600 rft		
11	4 sq mm PVC insulated copper wires (3 no)	180 rft		
12	S & L 2 mm thk PVC pipe on wall/ floor for Tel	100 rft		
13	20 mm dia. with all accessories	100 rft		
14	25 mm dia with all accessories	80 rft		
15	80 x 40mm AL Raceway	50 rft		
16	S & L of 20 pair un armoured cable in pipe	40 rft		
17	10 sq mm 4 core copper flexible cable	40 rft		
18	- do - 3 core	50 rft		
19	Making trenches	40 rft		
20	Junction boxes 8 x 8in	3 no		
21	Junction boxes 12 x 12in	5 no		
22	RJ - 11 Tel pts 2 pair	10 no		
23	Tel pt 4 pair for cabins	3 no		
24	RJ - 45 box	9 no		
25	Data Cabling	1300 rft		
	FIXTURES			
26	2 x 36 W CFL (2x2) M.O. luminaire w/ P5 louvr	3 no		
27	1 x 36 W FTL T5 p c batten type 4ft luminaire	3 no		
28	Downlighters 2 x18W PL-C / CFL concealed	20 no		
	TOTAL - Q			
	TOTAL - J			
	TOTAL - K			
	TOTAL - L			
	TOTAL - M			
	TOTAL - N			
	TOTAL - P			
	TOTAL - Q			
TOTAL - GROUND FLOOR				

	MEZANNINE FLOOR			
R	OFFICER & STAFF AREA			
	Tables :			
1	OFFICER TABLE p & s Officer Table same as in item C-1 above	10 no		
2	STAFF TABLE p & s Staff table same as in item D-1	16 no		
	Storages :			
3	SIDE STORAGE size - 5rft x 2.5ft – 4no p & s Side Storage same as in item C-2 above	50 sft		
4	PASSAGE STORAGE size – 5rft x 3ft – 7no same as in above item but for this size	100 sft		
	Partitions :			
5	FULL HT PARTITION (server room) size -11rft x 7ft same as in item B-5 above but for this size and without door and partition shall have 1.5mm thick Laminate on both sides for entire height.	80 sft		
6	FULL HT PARTITION (Store room) size – 14rft x 7ft + pantry – 9rft x 7ft p & s full height partition same as in above item but for this size and with door	160 sft		
7	S G FULL HT PARTITION (pantry & serv rm) size – 7rft x 7ft-2no p & s s g full height partition same as in item D-5 above but for this size & with semi glass door	100 sft		
8	S G LOW HT PARTITION (v) size – 11rft x 4ft – 5no p & s semi glass low height partition same as in item C-4 above but for this size	220 sft		
9	S G LOW HT PARTITION (h) size – 3.5rft x 4ft – 6no p & s semi glass low height partition same as in item C-4 above but for this size	90 sft		
	Seats :			
10	OFFICER CHAIR Same as in item C-5 above	10 no		
11				
a	STAFF/Sub Staff CHAIR	18 no		

	p & s Staff Chair same as in item D-7			
	TOTAL – Q			
S	MISCELLANIOUS			
	Wall Paneling :			
1	WALL PANELING (lower/upper) size – 40 + 15rft x 3ft p & s wall paneling same as in item E-1 above but for this size	160 sft*		
2	WALL PANELING (middle) size – 40 + 15rft x 4ft p & s wall paneling same as in item E-1 above but for this size	220 sft		
	Door –Windows-Blinds			
3	ENTRANCE DOOR p & s Entrance Door same as in item E-3 above but for this size	30 sft		
4	VENETIAN BLINDS size – 70rft x 5ft p & s Venetian Blinds same as in item E-6 above but for this size	350 sft*		
	Aesthetics :			
5	PICTURE FRAMES p & Picture Frames same as in item E-7	7 no		
6	ARTIFICIAL PLANTS p & s Artificial Plants same as in item E-8	3 no*		
7	CREEPERS p & s Artificial Creepers same as in item E-9	20 rft		
	Others :			
8	Removing old furniture / carting away	L	S	
	TOTAL – S			
T	CIVIL			
1	Removing existing tiles & carting away debris 75 x 14 + 38 x 10 – 18 x 10 : ft	1200 sft		
2	VITRIFIED FLOOR TILES size – 2' x 2' p & s Vitrified Floor Tiles same as in item F-2	1200 sft		
3	SKIRTING p & s 4in Skirting out of above tiles rest same as in item F-3	150 rft		
4	GYPSUM FALSE CEILING			

	(including drops etc) Same as in item F-4	1200 sft		
5	POP MOLDING P & s POP molding same as in item F-5	200 rft		
6	CEILING PAINT P & s Ceiling Paint same as in item F-7	1300 sft		
7	WALL PAINT P & s Wall paint same as in item F-6	500 sft		
	TOTAL – T			
U	<u>ELECTRICAL</u>			
	<u>Specification description for this section 'U' is same as in item G above</u>			
	<u>Trunking Work</u>			
1	Floor Conduits <u>Wiring :</u> For : p, s, l, t,c	90 rft		
2	LIGHT POINTS (primary)	15 pts		
3	LIGHT POINTS (secondary)	20 pts		
4	FAN POINTS with modular step type regulator	7 no		
5	6A SWITCH and 3 Pin Socket PT w/ mcb	20 pts		
6	6A SWITCH and 3 Pin Socket PT on S B	10 pts		
7	16A SWITCH and 3 Pin Socket PT w/ wiring	3 no		
8	BELL POINTS with Ding Dong Bell & indicator	7 no		
9	A/C POINT for Window / Split A/C S & L of Main for M B, thru' 20/25 mm Pvc pipe	7 no		
10	2.5 sq mm PVC insulated copper wires (3 no)	600 rft		
11	4 sq mm PVC insulated copper wires (3 no)	180 rft		
12	S & L 2 mm thk PVC pipe on wall/ floor for Tel	100 rft		
13	20 mm dia. with all accessories	100 rft		
14	25 mm dia with all accessories	80 rft		
15	80 x 40mm AL Raceway	50 rft		
16	S & L of 20 pair un armoured cable in pipe	40 rft		
17	10 sq mm 4 core copper flexible cable	40 rft		
18	- do – 3 core	50 rft		
19	Making trenches	-----	-----	-----
20	Junction boxes 8 x 8in	3 no		
21	Junction boxes 12 x 12in	5 no		
22	RJ – 11 Tel pts 2 pair	10 no		
23	Tel pt 4 pair for cabins	3 no		
24	RJ – 45 box	9 no		

25	Data Cabling	1300 rft		
	<u>FIXTURES</u>			
26	2 x 36 W CFL (2x2) M.O. luminaire w/ P5 louvr	3 no		
27	1 x 36 W FTL T5 p c batten type 4ft luminaire	3 no		
28	Down lighters 2 x18W PL-C / CFL concealed	20 no		
	TOTAL - U			
	TOTAL - R			
	TOTAL - S			
	TOTAL - T			
	TOTAL - U			
	TOTAL -			
	MEZANNINE			

Air Conditioning Works

GROUND FLOOR

ITEM No	DESCRIPTION	QUANT'Y	RATE	AMOUNT
		Figures are rounded off at times for easy calculations		
	HEAT VENTILATION & AIR			
ac-A	HIGH SIDE WORKS			
	SUPPLY OF DX TYPE SPLIT A/Cs			
	<p>p & s split type Ductable Air conditioner comprising of floor / wall mounted / ceiling suspended indoor air handling unit, outdoor condensing units (with scroll / rotary compressors), isolating valves, safety cut outs, thermostat control (excluding condenser mounting stand) and vibration isolation pads including supply & laying of suitable size power cable for connections from AC machine up to electrical power socket point in case of single phase supply/ up to MCB in case of three phase supply including termination of machine's power cable into MCB with suitable size glands including all necessary heavy duty hard ware & accessories & as per location , height etc. & per directions of A/C consultant / Architect. Suggested makes : Carrier, Hitachi, Blue Star, Daikin & Voltas. This includes S & I 3900 sft under deck insulation 50mm thick Thermocol with hardware & accessories complete as per required & directed by Consultant / Architect, removing old A/Cs & carting away</p>			
1	2 TR Cassette	1 no		
2	2 TR High Wall (3 star rated)	1 no		
3	1.5 TR High Wall (3 star rated)	5 no		
4	1 TR High Wall (3 star rated)	3 no		
	TOTAL - ac-A			

Ac-B	REFREGERANT PIPING			
	S, l, t & c of soft / hard copper refrigerant piping of approved thickness, complete with tubular sleeve insulation of nitrile rubber fitting, bends, elbows etc. supporting arrangement on walls, cable trays, trenches including required civil works, such as chiseling & opening of/in walls, slab core cutting, required size cut outs with re-cementing, making surface including all necessary heavy duty hard ware etc. complete per directions of Consultant / Architect			
	Piping Standards			
	In case of single indoor unit having multiple compressors In case of 17 TR unit having 2 x 8.5 TR circuits 1 RMT of multiple sets of refrigerant piping – liquid 7 suctions lines. Combined shall be accounted as 1 Rmt			
	In case of High wall split type AC/ Cassette type AC, the 5 Rmt of refrigerant piping shall not be considered in the piping measurement			
	Openings in wall, chiseling, cut outs & re-cementing etc required for copper / drain piping for AC units shall be inclusive of piping rates			
1	2 TR Cassette	15 Rmt		
2	2 TR High Wall (3 star rated)	15 Rmt		
3	1.5 TR High Wall (3 star rated)	90 Rmt		
4	1 TR High Wall (3 star rated)	60 Rmt		
	TOTAL - ac-B			
ac-C	FRAME WORK			
	Supplying, fabricating, installing 'L type bracket', MS base frame for outdoor & indoor units complete with epoxy painting, vibration isolation pads, brackets, hangers, railing, supports etc. including minimum two coats of epoxy primer & two coats of black paint			
	In case of single indoor unit having multiple condensers – 1 MS frame for multiple condenors shall be accounted as 1 frame. In case of 1 no of 17 TR ductable unit having 2no of 8.5TR condensers shall be accounted as single frame			
1	Cassette	1 no		
2	H W	11 no		
	TOTAL - ac-C			

ac-D	DRAIN PIPE			
	Supplying & installing insulated condensate water drain piping constructed out of PVC / HDPE hard pipes, bends, accessories, elbows, flanges, hangers, tees, supports, anchor fastners etc			
1	40 mm	20 Rmt		
2	25 mm	220 Rmt		
	TOTAL-ac-D			
ac-E	ELECTRIC CABLE			
1	Control Cable for cassette	20 Rmt		
2	Control Cable for H W	220 Rmt		
	INSTALATION, TEST'G, COMMISS'NG			
3	2 TR Cassette	1 no		
4	2 TR High Wall (3 star rated)	1 no		
5	1.5 TR High Wall (3 star rated)	5 no		
6	1 TR High Wall (3 star rated)	3 no		
	TOTAL – ac-E			

	SECOND FLOOR			
	Description for all items mentioned below to be as per above section unless stated differently including insulation 9000 sft & removing old A/Cs & carting away			
ac-F	HIGH SIDE WORKS			
	(Supply of DX Type Split A/Cs)			
1	3 TR Cassette	4 no		
2	2 TR Cassette	2 no		
3	2 TR High Wall (3 star rated)	1 no		
4	1.5 TR High Wall (3 star rated)	1 no		
5	1 TR High Wall (3 star rated)	9 no		
	(Supply Items) TOTAL – ac – F			
ac-G	REFREGERANT PIPING			
1	3 TR	95 Rmt		
2	2 TR Cassette	75 Rmt		

3	2 TR High Wall (3 star rated)	15 Rmt		
4	1.5 TR High Wall (3 star rated)	15 Rmt		
5	1 TR High Wall (3 star rated)	120 Rmt		
	TOTAL – ac – G			
ac-H	FRAME WORK			
1	Cassette	9 no		
2	H W	12 no		
	TOTAL – ac – H			
ac-J	DRAIN PIPE			
1	40 mm	150 Rmt		
2	25 mm	240 Rmt		
	TOTAL – ac – J			
ac-K	ELECTRIC CABLE			
1	Control Cable for cassette	150 Rmt		
2	Control Cable for H W	240 Rmt		
	INSTALATION, TEST'G, COMMISS'NG			
3	3 TR Cassette	4 no		
4	2 TR Cassette	2 no		
5	2 TR High Wall (3 star rated)	1 no		
6	1.5 TR High Wall (3 star rated)	1 no		
7	1 TR High Wall (3 star rated)	9 no		
	TOTAL – ac – K			
	TOTAL – AC WORK			

<u>SUMMARY</u>	
1. TOTAL : 2nd FLOOR	
2. TOTAL : GROUND FLOOR	
3. TOTAL : MEZANNINE FLOOR	
4. TOTAL : AC WORK	
5. FINAL TOTAL(1+2+3+4)	
<p style="text-align: center;">Minus</p> 6. Buy Back (as per ANNEXURE-A in page no-12- all old furniture ie tables, storages, chairs, partitions etc, electrical items ie old fans, fittings, ACs etc)	
GRAND TOTAL(5-6) in figures & words	

NOTE : Please DO NOT give tax details on this page, you may give it separately

RATES & GRAND TOTAL will be EXCLUDING taxes.