

SCHEDULE FOR FURNISHING WORK & ELECTRICAL WORK TO BE CARRIED OUT AT THE ORIENTAL INSURANCE CO. LTD. (DIVISIONAL OFFICE), NEPTUNE TOWER, ASHRAM ROAD, AHMEDABAD.

ITEM NO.	DESCRIPTION OF ITEMS	QUANT.	RATE Rs.	PER	AMOUNT Rs.
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1.0 CLERICAL COUNTER :

Made out of 19mm thick Commercial ply wood for working top, keyboard shelf, front apron and vertical sides of counter and storage unit. The counter shall have a working top 4'-0" x 2'-0" and drawer box unit 1'-3" wide with three drawers of equal depth on the right side with secured locking arrangement. Divisions shall be made in drawers of single windows with help of 12mm thick commercial ply wood for keeping currency notes of different denominations.

19mm thick and 1'-0" wide Commercial ply wood of approved make shall be provided 0'-3" above floor level on left side for CPU shelf with 0'-4" x 0'-1 1/2" teak wood foot rest between CPU shelf and drawer box.

All exposed visible surfaces of counter like working top, front apron, drawers, cup board fascia etc. shall be finished with 1 mm thick laminate of approved make and shade.

The key board shelf shall be 2'.0" x 1'.6" size and provided with teak wood beading polished natural. The rest of the exposed inside surfaces of counter, drawers, etc. shall be finished with two coats of enamel paint (Vanilla cream, code 3229 of Asian paint) over a coat of primer of approved make.

The drawers and shutters shall be provided with Godrej Multi purpose locks, metal telescopic channels and s. s. finished oxidized handles (0'-3") and hardware. Metallic wire manager shall be provided in working top.

Skirting and bands shall be provided in 1mm thick laminate of approved make and shade as directed by architect.

Counter Size : 4'-0" x 2'-0" x 2'-6" x 4 nos.

16.00	1.00
rft	rft

2.0 CASH COUNTER :

Made out of 19mm thick Commercial ply wood for working top, customer top, keyboard shelf, front apron and vertical sides of counter and storage unit. The counter shall have a working top 5'-0" x 2'-6" and drawer box unit 1'-6" wide with three drawers of equal depth on the right side with secured locking arrangement. Divisions shall be made in drawers with help of 12mm thick commercial ply wood for keeping currency notes of different denominations.

A customer top made of 12mm thick clear glass 1'-0" high and 1'-0" wide with 0'-6" projecting towards customer side and 0'-6" towards inner side and fixed on 2 1/2" thick wooden partition 1'-3" high provided above the working top of the counter. The wooden partition shall be finish with 1 mm thick laminate of approved make and shade on all sides.

19mm thick and 1'-0" wide Commercial ply wood of approved make shall be provided 0'-3" above floor level on the left side for CPU shelf with 0'-4" x 0'-1 1/2" teak wood foot rest between CPU shelf and drawer box.

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All exposed visible surfaces of counter like working top, front apron, drawers, cup board fascia etc. shall be finished with 1 mm thick laminate of approved make and shade.

The key board shelf shall be 2'.0" x 1'.6" size and provided with teak wood beading polished natural. The rest of the exposed inside surfaces of counter, drawers, cupboard etc. shall be finished with two coats of enamel paint (Vanilla cream, ode 3229 of Asian paint) over a coat of primer of approved make.

The drawers and shutters shall be provided with Godrej Multi purpose locks, metal telescopic channels and s.s. finished oxidized handles (0'-3") and hardware. Metallic wire manager shall be provided in the working top.

Skirting and bands shall be provided in 1mm thick laminate of approved make and shade as directed by architect.

Size : 5'-0" x 2'-6" x 2'-6" x 1no

5.00
rft

1.00
rft

3.0 MAIN ENTRANCE DOOR :

Providing and fixing 38mm thick fully glazed wooden flush shutters having 0'-6" wide top rail and two styles and 12" wide bottom rail 8mm thick clear float glass Saint Gobain or Modiguard shall be fixed in the shutters with help of teak wood beading 15mm x 15mm finished with melamine polish. The wooden portion of the shutter shall be finished with 1 mm thick laminate of approved make and shade 12mm thick teak wood beading finished with melamine polish shall be provided along all exposed sides of the shutters.

S. s. hinges (minimum 4nos, 0'-5" long), s. s. handled 12" long (minimum two, one on each side of every shutter), Godrej lock, floor spring two nos and other necessary s. s. hard ware shall be provided. The shutters shall be fixed with the existing wooden frame. The existing finishing of the wooden frame shall be removed and minimum two coats of melamine polish shall be provided.

Skirting and bands shall be provided in the shutters as directed by the architect.

Size : 2'- 4 1/2" x 6'-8" x 2nos

32.00
sft

1.00
sft

4.0 PARTLY GLAZED FULL HEIGHT PARTITION FOR DIVISIONAL MANAGER & UPS :

Providing and fixing partition 0'.2 1/2" thick having 0'.2"x 0'.1 1/2" hard wood members placed at maximum 1'-6" c/c distance both ways and 6mm thick Commercial ply wood on both sides finished with 1 mm thick laminate of approved make and shade.

Top and sides of the partition shall be finished with teak wood beading polished in natural shade.

8mm thick plain clear glass shall be fixed above wooden partition.

Height of glass partition 4'- 0"

Total height of partition - 8'-0"

308.00
sft

1.00
sft

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7.0 SIDE UNITS FOR D. MANAGER & OFFICER :

Made out of 19mm Commercial ply wood of approved make for side, top and shelves and 6mm Commercial ply wood of approved make for the back. All exposed out side surfaces of side unit like top, front shutters and sides shall be finished with laminate 1 mm thick pasted with favicol. The rest of the exposed inside surfaces of side unit shall be finished with two coats of enamel paint (vanilla cream, code 3229 of Asian Paint) over a coat of primer of approved make.

The front shutters of the side unit shall be provided with Godrej multipurpose lock and s. s. finished, oxidized fittings like handles, hinges etc.

Skirting and bands shall be provided in 1mm thick laminate of approved make and shade as directed by architect.

Size : Manager 3'-2" x 1'-6" x 2'-6" x 1 no.

1.00 1.00

no no

Officer : 3'-0" x 1'-3" x 2'-6" x 1no.

2.00 1.00

no no

3'-6" x 1'-3" x 2'-6" x 1no

2.00 1.00

no no

8.0 WOODEN TABLE FOR SUB STAFF :

Providing and making wooden table (size : 3'-0" x 2'-0" x 2'-6") made of 19mm thick commercial ply wood of approved make for sides, front apron and top. One drawer (size : 1'-0" x 1'-3" x 0'-4") made of 12mm thick commercial ply wood of approved make and shade with s. s. channels and Godrej lock shall be provided on right side. All inner surfaces of table and drawer shall be finished with two coats of (vanilla cream, code 3229 of Asian Paint) coat of primer of approved make. Skirting and bands shall be provided in 1mm thick laminate of approved make and shade as directed by architect.

1.00 1.00

nos. no.

Agents table with same specification as above but without drawer. Size - 6'-0" x 3'-0" x 1 no.

1.00 1.00

nos. no.

9.0 GYPSUM BOARD FALSE CEILING :

Providing and fixing 12.5 mm thick Gyp Board ceiling fixed at 8'-3" height including two coats of flat paint of approved make and shade etc. complete.

1,060.00 1.00

sft sft

10.0 ROLLER BLINDS ON WINDOWS :

Providing and fixing Roller blinds of approved make and shade in the window.

211.00 1.00

sft sft

Size : 10'-4" x 3'-9" x 3 nos, 10'-2" x 4'-3" x 1 no,

6'-8 1/2" x 4'-3" x 2nos

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11.0	SIDE TEPOY FOR SOFA :				
	Of size 1'.6" x 1'.6" with teak wood legs and 12 mm thick Commercial ply wood of approved make for top finished with 1 mm thick laminate of approved make and shade pasted with favicol. Bottom of the tepoy should be finished with French polish.	1.00 nos		1.00 no.	
12.0	ELECTRICAL PANEL BOARD SHUTTER :				
	Providing and fixing the sides, top and front shutter for electrical panel board area. Shutter(openable and partly louvered) made out of teak wood frame work, 12mm thick IS:710 commercial ply and 1mm thick laminate finish on front, brass hinges, handles etc. and as per the details. Size : 3'-6" x 5'-0"	18.00 sft		1.00 sft	
13.0	M. S. ROLLING SHUTTER :				
	Providing and fixing rolling shutters of approved make made of 80mm wide m. s. laths inter -locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and out side locking with push pull operation complete including the cost of hood vocer and spring etc. complete. The shutter & hood shall be finished with two coats of enamel paint of approved make and shade over a coat of red lead paint on all sides. Size : 5'-1" x 8'-0"	41.00 sft		1.00 sft	
14.0	BOXING FOR ROLLING SHUTTER WITH ALLUMINIUM COMPOSITE PANNEL :				
	Providing & fixing Aluminum Composite Panel boxing for the rolling shutters. Necessary Aluminum Section framing shall be provided. The boxing shall be finished on all exposed sides by 5mm thick Aluminum Composite Panel. Trap door shall be provided in the bottom panel of the boxing. Note : Rate shall include all necessary hardware fittings, etc. Trap door only Size : Size : 5'-5" x 1'-6" x 2nos, 5'-5" x 2'-0" x 1no, 1'-6" x 2'-0" x 2nos	34.00 sft		1.00 sft	
15.0	CAHIRS FOR STAFF & CUSTOMERS :				
15.1	REVOLVING CHAIRS :				
	Supply different types of revolving chairs with the following specifications : Base : 5 legges Nylon glass reinforced, 640mm dia. Castors : Twin wheel type nylon castors Height Adjustment : Gass lift mechanism Mechanism : Dustilt with one position locking facility				

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	Back connections : 6mm thick powder coated M S solid flat covered with polypropylene. Seat : Molded HR (High Resilience) foam density not less than 58 kg . Cum fitted on seat ply 12mm thick water fall edge. Over all thickness not less than 65mm. Back : Moulded PU foam density not less than 45 kg / CUM on full cover ABS mould. Over all thickness not less than 65mm. Arm : Nylon. Fixed arm with full arm support.				
	High back chair for D M with basic cost of fabric & 350.00 per 1 sq meter	1.00 no		1.00 no	
	Medium Back chair for officers with basic cost of fabric Rs 300.00 per 1 sq meter	4.00 no		1.00 no	
	Medium Back chair for clerks with basic cost of fabric Rs 300.00 per 1 sq meter	11.00 no		1.00 no	
15.2	Non swivel (Non revolving) chairs with powder coated tubular structure molded PU foam seat and hand rest for customers and agents.	5.00 no		1.00 no	
16.0	Removing the existing finishing and providing and applying new melamine polish on the existing stool, open from side wooden racks, wooden back unit with laminate finish wooden shutter, wooden table partly with one shutter partly with shelves.	5.00 no		1.00 no	
17.0	PLY WOOD PANELING ON COLUMN WITH LAMINATE :				
	Providing 6mm thick Commercial ply wood finished with 1mm thick laminate of approved make and shade fixed on teak wood framing of 0'-2 1/2" x 0'-1 1/2" size placed at 2'.0" x 2'.0" distance (maximum) both ways. Skirting and bands shall be provided in 1mm thick laminate of approved make and shade as directed by architect. Size : 2'-0" x 8'-0" x 1no, 2'-8" x 8'-0" x 1no, 4'-7" x 8'-0" x 2 nos, 4'-3" x 8'-0" x 2nos, 2'-5" x 8'-0" x 3nos, 3'-11" x 8'-0" x 2nos, 2'-1" x 8'-0" x 1no.	316.00 sft		1.00 sft	
18.0	WOODEN SKIRTING ON WALLS :				
	Providing and fixing 1'-0" high skirting made of 6mm thick commercial plywood of approved make and finished with 1mm thick laminate of approved make and shade fixed on 0'-1" x 0'-1 1/2" teak wood frame. Teak wood beading 0'-3/4" x 0'-3/4" shall be fixed along the expose edges of ply wood. Both, teak wood beading and teak wood frame shall be finished a melamine polish. Size: 10'-4 1/2" x 1'-0" x 3nos, 3'-5" x 1'-0" x 1no, 18'-3" x 1'-0" x 1no, 7'-0" x 1'-0" x 1no.	60.00 sft		1.00 sft	

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19.0 WOODEN CUPBOARD FOR DIVISIONAL MANAGER CHAMBER :

Made out of 19mm thick Commercial ply wood of approved make for top, sides, shelves and the front shutters, 6mm thick Commercial ply wood of approved make for the back. All exposed surfaces for the cupboards shall be finished with 1mm thick laminate of approved make and shade. All inside surfaces shall be finished with two coats of enamel paint (vanilla cream, code 3229 of Asian Paint) over a coat of primer of approved make. The front shutters shall be provided with Godrej lock, s.s. hinges and handles etc. complete. The bottom shelf of the cupboard shall be provided minimum 0'.3" above the finished floor level.

8.00	1.00
sft	sft

Skirting and bands shall be provided as directed by architect.

Size : 5'-8" x 1'-4" x 2'-6"

20.0 ELECTRICAL WORK

Supply, installation, testing and commissioning of following point wiring as per the specifications and drawings. The unit rate for the switch board and further to point outlet including all hardware, connector strips, fan hook, outlet boxes, switch boards, switch plates, switches, wire conduits etc. A point shall include in addition to phase and neutral wire, a PVC insulated earth-continuing wire from L. P. to the final termination at outlet points. All the wiring should be done in concealed / semi concealed open manner or slab / wall / false ceiling. The wiring should be done with rigid PVC conduits / Casing - capping having minimum of 1.6 mm wall thickness and minimum 19mm dia with 440V grade PVC insulated. ISI approved copper conductor wire, with crabtree/ ROMA make switches and accessories with company boxes for point outlet and SB and with all required hardware accessories to complete the wiring. No junction boxes are allowed any where in the wiring. All joints shall be done at point outlet on switch boards only. In between joints are not allowed anywhere. The wiring shall be done as per IS 732 and IS 4648.

- a) Making Zari in the wall & sami finishing the surface.
- b) Ball and socket joint wherever required.
- c) Earthing of fittings
- d) Electrical connections from the outlet points to the fixture with 3 core flexible wire.

RATE ARE INCLUDING MAINS CIRUITS

ITEM NO.	DESCRIPTION OF ITEMS	QUANT.	RATE Rs.	PER	AMOUNT Rs.
20.1	One light point controlled by one 5 Amp. Switch	8.00		1	
		nos		no	
	Wire Size: Lighting DB to Switch Board Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -2.5. sq. mm-1 no.				
	Neutral Wire -Black Color -2.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.5. sq. mm-1 no.				
	Wire Size: Switch to Light Point Circuit:				
B	Phase Wire -Red/Yellow/Blue Color -1.5. sq. mm-1 no.				
	Neutral Wire -Black Color -1.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.0. sq. mm-1 no.				
C	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
D	Modular Switch : Crabtree/Legrand/ABB/Anchor				
E	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.2	Two light points controlled by one 5 Amp. Switch.	12.00		1	
		nos		no	
	Wire Size: Light Point to Light Point Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -1.5. sq. mm-1 no.				
	Neutral Wire -Black Color -1.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.0. sq. mm-1 no.				
B	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
C	Modular Switch : Crabtree/Legrand/ABB/Anchor				
D	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.3	One 5 Amp. Switch & socket controlled for wall fan point.	13.00		1	
		nos		no	
	Wire Size: Light Point to Light Point Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -1.5. sq. mm-1 no.				
	Neutral Wire -Black Color -1.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.0. sq. mm-1 no.				
B	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
C	Modular Switch : Crabtree/Legrand/ABB/Anchor				
D	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.4	One 5 Amp. 5 pin socket outlet controlled by one 5 Amp. Switch looped on switch board.	8.00		1	
		nos		no	
	Wire Size: loop Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -1.5. sq. mm-1 no.				
	Neutral Wire -Black Color -1.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.0. sq. mm-1 no.				
B	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				

ITEM NO.	DESCRIPTION OF ITEMS	QUANT.	RATE Rs.	PER	AMOUNT Rs.
C	Modular Switch : Crabtree/Legrand/ABB/Anchor				
D	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.5	Three 5 Amp. 5 pin socket outlet controlled by one 5 Amp. at other convenient location for computer. (Maximum 4 Nos. of Boards in one UPS circuit.)	17.00 nos		1 no	
	Wire Size: UPS DB to Switch Board Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -2.5. sq. mm-1 no.				
	Neutral Wire -Black Color -2.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.5. sq. mm-1 no.				
	Wire Size: Switch to Socket Point Circuit:				
B	Phase Wire -Red/Yellow/Blue Color -1.5. sq. mm-1 no.				
	Neutral Wire -Black Color -1.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.0. sq. mm-1 no.				
C	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
D	Modular Switch : Crabtree/Legrand/ABB/Anchor				
E	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.6	Two 5 Amp. 5 pin socket outlet controlled by one 5 Amp. at other convenient location for RAW POWER. (Maximum 4 Nos. of Boards in one UPS circuit.)	13.00 nos		1 no	
	Wire Size: UPS DB to Switch Board Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -2.5. sq. mm-1 no.				
	Neutral Wire -Black Color -2.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.5. sq. mm-1 no.				
	Wire Size: Switch to Socket Point Circuit:				
B	Phase Wire -Red/Yellow/Blue Color -1.5. sq. mm-1 no.				
	Neutral Wire -Black Color -1.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.0. sq. mm-1 no.				
C	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
D	Modular Switch : Crabtree/Legrand/ABB/Anchor				
E	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.7	One 5 Amp. 5 pin socket outlet controlled by one 5 Amp switch and electronic hum free step type regulator for ceiling	0.00 nos		1 no	
	Wire Size: Lighting DB to Switch Board Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -2.5. sq. mm-1 no.				
	Neutral Wire -Black Color -2.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.5. sq. mm-1 no.				

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	Wire Size: Switch to Fan Point Circuit:				
B	Phase Wire -Red/Yellow/Blue Color -1.5. sq. mm-1 no.				
	Neutral Wire -Black Color -1.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.0. sq. mm-1 no.				
C	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
D	Modular Switch : Crabtree/Legrand/ABB/Anchor				
E	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.8	One buzzer point controlled by one bell push, with electric type buzzer.	1.00 nos		1 no	
	Wire Size: Switch to Buzzer Point Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -1.5. sq. mm-1 no.				
	Neutral Wire -Black Color -1.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.0. sq. mm-1 no.				
B	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
C	Modular Switch : Crabtree/Legrand/ABB/Anchor				
D	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.9	One 5 Amp. 5 pin socket outlet controlled by one 5 Amp switch at other convenient location for exhaust fans.	0.00 nos		1 no	
	Wire Size: Switch to Socket Point Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -1.5. sq. mm-1 no.				
	Neutral Wire -Black Color -1.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.0. sq. mm-1 no.				
B	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
C	Modular Switch : Crabtree/Legrand/ABB/Anchor				
D	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.10	One 15 Amp 6 pin socket outlet controlled by one 15 Amp. Switch with indicator. (for Router/Printer/Appliance etc.) (Separate and independent circuit required.)	8.00 nos		1 no	
	Wire Size: Lighting/Power DB to Switch Board Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -2.5. sq. mm-1 no.				
	Neutral Wire -Black Color -2.5. sq. mm-1 no.				
	Earth Wire -Green Color -1.5. sq. mm-1 no.				
B	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
C	Modular Switch : Crabtree/Legrand/ABB/Anchor				
D	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				

ITEM NO.	DESCRIPTION OF ITEMS	QUANT.	RATE Rs.	PER	AMOUNT Rs.
20.11	One 20 Amp. 6 pin socket outlet controlled by one 20 Amp. Switch or 20 Amp. SP MCB with Socket for A. C. Unit. (If circuit wire connected direct and without Switch /Socket / MCB to outdoor AC unit- 50% quoted tender rate will be paid.)	6.00 nos		1 no	
	Wire Size: AC/Power DB to AC Point Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -4.0 sq. mm-1 no.				
	Neutral Wire -Black Color -4.0 sq. mm-1 no.				
	Earth Wire -Green Color -1.5. sq. mm-1 no.				
B	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
C	Modular Switch : Crabtree/Legrand/ABB/Anchor				
D	MCB : Havells/Legrand/ABB/Schneider				
E	PVC Conduit & Accessories Make : Precision / Polycab / Nihir / Vraj				
20.12	SITC of 20 Amp power point for Glow sign board with electronic time switch with 20A. SP/DP MCB. Rates are including of wiring	1 no		1 no	
	Wire Size: AC/Power DB to AC Point Circuit:				
A	Phase Wire -Red/Yellow/Blue Color -4.0 sq. mm-1 no.				
	Neutral Wire -Black Color -4.0 sq. mm-1 no.				
	Earth Wire -Green Color -1.5. sq. mm-1 no.				
B	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
C	MCB : Havells/Legrand/ABB/Schneider				
21.0	CABLES & CABLE TERMINATIONS :				
	Supplying & laying PVC armoured cable of 1100 V grade of copper / conductor (as specified) of following sizes in ready made trench mounted on wall with necessary clamping arrangement or in prelaidd RCC hume pipe with necessary cable identification lugs at both ends, digging of trench and its filing with second call bricks, send. The cable shall ISI mark and conforming to latest ISS. All the cable shall be terminated with suitable sizes of Lugs.				
21.1	3C X 6 sq mm Copper Flexible cable (for UPS Input / Output)	20.00 mtr		1 mtr	
B	FRLS Wire : RR Kabel/Polycab/Havell's/Finolex				
21.2	3.5CX10 sq mm Aluminium armoured cable (Panel to UPS DB)	45.00 mtr		1 mtr	
A	Cable Make : Polycab/Avocab/Havell's/Powercab				
21.3	3.5C X 25 sq mm Aluminium armoured cable (Panel to DB)	15.00 mtr		1 mtr	
A	Cable : Polycab/Avocab/Havell's/Super Parcab				
21.4	3.5C x 35 sq mm Aluminium armoured cable (Meter to Panel)	45.00 mtr		1 mtr	
A	Cable : Polycab/Avocab/Havell's/Super Parcab				

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21.5	1c x 16 sq mm Copper Flexible wire (From SFU to Meter)	15.00 mtr		1 mtr	
A	Cable Make : Polycab/Avocab/Havell's/Powercab				
22.0	EARTHING :				
22.1	Providing & erecting earthing as per drawing complete earth copper plate size 600 x 600 x 3.15 mm with Earthing strip, at the technically respective position with digging of earth & refilling with charcoal & salt complete with masonry enclose made of cast - iron cover plate having lockable arrangement & watering pipe & guide pipe of suitable size to earth pit. (Lighting & UPS separately)	2.00 nos		1 no	
22.2	Supply and laying of copper bare wire of 8 SWG with proper saddling in PVC conduit with minimum distance at 1.5 feet.	65.00 mtr		1 mtr	
23.0	FIXTURES AND FITTINGS :				
	Supply, installation, testing and commissioning of the following luminaries, fixtures and fittings. The fixtures shall be installed on wall, false ceiling etc. and as per the manufacturer instructions. The job also includes the connection of the fixture with outlet point using 3 core flexible wire wherever the lighting fixtures are there. (Earthing of Light Fixture is must)				
23.1	Supply & installation 42 w (2'-0" x 2'-0") back lite LED panel fitting	12.00 no		1 no	
23.2	Supply & installation 22 W LED Down light	4.00 nos		1 no	
23.3	Supply & installation 11 W LED Down light	4.00 nos		1 no	
23.4	Supply & installation 1 x 28 W T-5 Type Patti type : 4 Feet	10.00 nos		1 no	
23.5	Supply & installation of Wall Fan	13.00 nos		1 no	
23.6	Supply & installation Ceiling fan	0.00 nos		1 no	
23.7	Supply & installation Exhaust fan	0.00 nos		1 no	
24.0	PANEL BOARD / DISTRIBUTION BOARDS :				
24.1	Supplying and erecting complete with 14/ 16 SWG complete floor / wall mounted type with required compartment including cable end box and gland / termination as required. S.F.U. (HRC type) 160 A - 1 no.	1.00 no		1 no	
A	Make: L&T/HAVELL'S/SIEMENS/C&S				

ITEM NO.	DESCRIPTION OF ITEMS	QUANT.	RATE Rs.	PER	AMOUNT Rs.
24.2	Supplying and erecting complete with 14/ 16 SWG CRCA Sheet wall mounted type box with required bus bars including cable end box and gland/termination as required. MCCB FP 100 A - 1 no. (Including 3.5 C X 35 sq mm Aluminium cable from Panel to MCCB & back to panel bypassing UPS Power) NOTE: THIS MAIN SWITCH SHOULD INSTALL NEAR MAIN ENTRY & WILL BE OPERATED DAILY.	1.00 Job		1 Job	
A	Cable : Polycab/Avocab/Havell's/Super Parcab				
B	MCCB Make: L&T/HAVELL'S/ABB/C&S				
24.3	Supplying and erecting complete with 14/ 16 SWG complete floor / wall mounted type with required compartment including meters & lamps with following materials : S. F. U. (HRC type) 125 A TPN - 1 no. & 63 COS - 1 No. EL + MCB - 63 A 100 mA - 3 nos & 40 A DP MCB- 2 No. Digital A meter V meter & F meter with selector switch R Y B LED Lamp with indicator and required cable glands etc.	1.00 no		1 no	
A	Switchgear & MCB Make: L&T/HAVELL'S/ABB/C&S				
B	AVF Meter Make: MECO/SELECT/Almeasure/TRINITY				
24.4	Supplying and installing, testing and commissioning of DB with following : (for lighting Purpose) Incoming : 63 A FP EL + MCB - 1no. Outgoing : 16/10/25 Amp. SP MCB -12 nos.	1.00 no		1 no	
A	MCB & DB Make: L&T/HAVELL'S/ABB/C&S				
24.5	Supplying, installing, testing & commission of Distribution Board with following : (for A. C. units) Incoming : 63 A FP EL + MCB - 1no Outgoing : 25 A DP MCB - 6 nos	1.00 no		1 no	
A	MCB & DB Make: L&T/HAVELL'S/ABB/C&S				
24.6	Supplying, installing, testing & commission of distribution board with following : (for UPS units) Incoming : 40 A DP MCB-1no. Outgoing : 10/16 A SP MCB - 6 nos	2.00 no		1 no	
A	MCB & DB Make: L&T/HAVELL'S/ABB/C&S				
24.7	Supplying, installing, testing & commission of distribution board with following : (for UPS INPUT & OUTPUT) Incoming : 40 A DP MCB-1no.	4.00 nos.		1 no	
A	MCB & DB Make: L&T/HAVELL'S/ABB/C&S				
25.0	INTERCOM TELEPHONE :				
25.1	Supply and laying of 2 pair telephone wire ISI marked PVC Insulated 0.63m sq mm. Copper conductor wire same as clause No.1 of internal wiring from EPBEX to the various tables as per the requirement complete with RJ - 11 type Tel. Socket. all respect as per the drawing an Architect or consultant.	5.00 nos.		1 no.	
A	Tel. Wire Make: RR Kabel/Polycab/Havell's/Delton				
B	Tel. Socket Make : Crabtree/Legrand/ABB/Anchor				

ITEM NO.	DESCRIPTION OF ITEMS	QUANT.	RATE Rs.	PER	AMOUNT Rs.
25.2	Supply and laying of 10 pair telephone wire ISI marked PVC Insulated 0.63m sq mm. Copper conductor wire same as clause No. 1 of internal wiring from BSNL DP to 10 pair Krone Box as per the requirement complete including with 10 Pair Krone Box all respect as per the drawing an Architect or consultant. A Tel. Wire Make: RR Kabel/Polycab/Havell's/Delton	2.00 nos.		1 no.	
26.0	LAN/STRUCTURE CABLING WORK :				
26.1	Supply and laying of 4 PAIR UTP LAN cable - CAT-6 e in underground /wall in 1.5mm thick PVC pipe of 25mm dia with proper junction box for maintenance purpose from Rack/server room to each work station including supply and installation at CAT -6 e information outlet with fore plate and surface/ concealed box. A CAT 6 Data Cable & I/O Make: DIGILINK/D-LINK/AMP/ MOLEX	17.00 nos.		1 no.	
26.2	Supply & testing at patch cord (CAT 6e)				
a	Length 1 Meter (CAT 6e) original factory made (Connect with Patch Panel to Network Switch in Rack) CAT 6 Data Patch Cord Make: DIGILINK/D-LINK/AMP/ MOLEX	17.00 No		1 No	
b	Length 2 Meter (CAT 6e) original factory made (Connect with I/O Point to Computer Networking Jack)	17.00 No		1 No	
A	CAT 6 Data Patch Cord Make: DIGILINK/D-LINK/AMP/ MOLEX				
26.3	Supply, installation & testing of 9 U Network Rack with 1 fan & having one shelf in the rack with hardware etc. A Rack Make: ELIXIER/APW/RITTAL/ALFA	0.00 No		1 No	
26.4	Supply & testing of 16 port patch panel A CAT 6 Patch Panel Make: DIGILINK/D-LINK/AMP/ MOLEX	0.00 No		1 No	
26.5	Installation & testing of 16 port Network Switch	0.00 No		1 No	
26.6	Testing and connection of patch panel/ switch/ router and modem etc.	1.00 No		1 No	
				Total	Rs

SIGNATURE OF CONTRACTOR
with address and seal