



**TENDER**  
**FOR**  
**ELECTRICAL WORK AT WORLI NAKA BRANCH, MUMBAI**  
**MUMBAI SOUTH ZONE,**

**PRICE BID**  
**ENVELOPE 2**

TENDER FOR : ELECTRICAL WORK.  
NAME OF THE CONTRACTOR :  
ADDRESS :

**ARCHITECT**  
**M/S. PARADKAR PATKAR ASSOCIATES,**  
**ARCHITECTS / INTERIOR DESIGNERS.**

**MUMBAI SOUTH ZONAL OFFICE**  
**BANK OF INDIA BUILDING.**  
**A & S DEPARTMENT, MEZZANINR FLOOR,**  
**70-80, M. G. ROAD, FORT,**  
**MUMBAI.**

**ELECTRICAL WORK AT WORLI NAKA BRANCH, MUMBAI FOR BANK OF INDIA**

**BILL OF QUANTITIES**

SR.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT.
1	<b>Wiring</b>				
1.1	Point wiring for light using 3 nos. x 1.5 Sqmm PVC copper wire in PVC conduit. Wiring to include circuit from DB's to switch board and further from switch board to point and looping from point to point including supply of switches.	115	Nos.		
1.2	Point wiring for 5A socket using 2 nos. x 2.5 Sqmm and 1 no. x 1.5 Sqmm PVC copper wire in PVC conduit including supply of switch and socket (for raw power).	40	Nos.		
1.3	Point wiring for 3nos. 5A switch/socket using 2 nos. x 2.5 Sqmm and 1no.x 1.5 Sqmm PVC copper wire in PVC conduit including supply switch and socket (for UPS power)	40	Nos.		
1.4	Point wiring for 15A socket using 2 nos. x 2.5 Sqmm and 1no. x 1.5 Sqmm PVC copper wire in PVC conduit including supply of switch and socket (for raw power)	25	Nos.		
1.5	Point wiring for exhaust/wall / ceiling fan/bell using 3 nos. x 1.5 Sqmm PVC copper wire in PVC conduit. Wiring to include circuit from DB's to switch board further from switch board to point and looping from point to point including supply of switches.	45	Nos.		
2	<b>CABLES/MAINS</b>				
2.1	Supply and installation of 1100V grade armoured cable with proper clamping arrangement.				
	a) 4C x 16 Sqmm Copper (for power DB)	10	Mtr		
	b) 4C x 10 Sqmm Copper (for lighting DB)	10	Mtr		
	c) 3C x 6 Sqmm (for UPS input /output)	50	Mtr.		
	d) 2C x 4 Sqmm (for AC)	400	Mtr.		
	e) 3C x 1.5 Sqmm Copper (for sign board)	100	Mtr		
3	<b>TERMINATION</b>				
3.1	Supply and installation of end termination of armoured cables including supply of glands, crimping type copper lugs, insulation tape etc. as required complete for following sizes				
	a) 4C x 16 Sqmm	4	Nos.		
	b) 4C x 10 Sqmm	4	Nos.		
	c) 3C x 6 Sqmm	6	Nos.		
	d) 2C x 4 Sqmm	20	Nos.		

SR.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT.
	e) 3C x 1.5 Sqmm	4	Nos.		
4	<b>Distribution Boards and Main switches</b> Supply and installation of 4 way TPN LDB consisting of 32 A TPN ELCB incomer- 1no. 10A SP MCB Outgoing -12 nos.	1	Set		
5	Supply and installation of 6 way TPN PDB consisting of 63 A TPN MCB Incomer - 1no. 20 A SP MCB Outgoing - 18 nos.	1	Set		
6	Supply and installation of 6 way SPN UPS DB consisting of 32 A DP MCB Incomer -1 no. 20 A SP MCB Outgoing - 6 nos.	1	Set		
7	Supply and installation of 8 way DB consisting of 32 A TPN MCB incomer -1 no. A SP MCB- 2 nos., 20 A SP MCB Outgoing- 4nos. (For ATM)	1	Set		
8	Supply and Installation of 32 A DP MCB mounted on powder quoted box for UPS input/output supply	4	Nos.		
9	Supply Installation of 125A switch fuse unit	1	No.		
10	Supply and installation of 100A Busbar chamber	1	No.		
11	<b>Telephone cabling</b>				
11.1	S & I of 20 pair telephone tag box with krone.	1	No.		
11.2	Supply & laying of 2 pair telephone cable.	400	Mtrs.		
11.3	Supply & laying of 20 pair telephone cable.	80	Mtrs.		
11.3	Supply & installation of telephone jack outlet with box.	30	Nos.		
12	<b>Earthing</b>				
	Supply and installation of earth pit comprising of 300mm x 300mmx 3mm thick copper plate buried at a minimum depth of 2.5 meter including necessary materials like charcoal, salt etc. as required confirming to BIS standards having brick masonry chamber with cast iron cover.	2	No.		
12.1	8 SWG copper bare wire	70	Mtrs.		
12.2	12 SWG copper bare wire	550	Mtrs.		
13	Supply and installation of Metal socket mounted on powder quoted box with 20A MCB.	25	Nos.		
14	Supply and installation of PVC rigid conduit with accessories for data and telephone cable.	800	Mtr.		
15	<b>LIGHTING FIXTURES</b>				
	Supply and installation of lighting fixtures with lamps as per the details below including necessary hardware such as clamps, nut bolts, nails, screws, and suspension rod as required for fixing the fixtures in position as directed by architect / consultant.				
15.1	2 x 40 W Mirror optic tube light fitting with tube (Supernova OMOA)	80	Nos.		

SR.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT.
15.2	1 x 36 W Mirolta tubelight with tube	8	Nos.		
15.3	2 x 18 W, PL, Spotlight flush mounted having mirror reflector. (Supernova OPLR)	8	Nos.		
15.4	Picture light (as per Architects approval).	6	Nos.		
15.6	Mirror light (as per Architects approval).	3	Nos.		
15.7	Supply and installation of 230mm dia wall mounted exhaust fan of decorative plastic body and blade with louvers on the outside (Unique make).	5	Nos.		
15.8	Supply and installation of heavy duty 230mm dia wall mounted exhaust fan with necessary frame work plywood etc. finished with fire retardant paint (Unique/ Crompton/ GEC make).	1	Nos.		
15.9	Supply and installation of 16" dia wall fans of Crompton/ Khitan/ Bajaj/ Almonard/ Usha/ Orient make of approved design and colour by the Architect.	40	Nos.		
15.1	Supply and installation of 48" dia ceiling fans of Crompton/ Khitan/ Bajaj/ Almonard/ Usha/ Orient make of approved design and colour by the Architect.	3	Nos.		
16	<b>Lan cabling</b>				
16.1	Supply and installation of CAT - 6 LAN cable (D-Link) including PVC conduit	4500	Mtr		
16.2	Supply and installation of RJ 45 I/O outlet with box (D-Link)	40	Nos.		
16.3	Supply and installation of factory crimped gigabyte patch card (3 feet long) (D-Link)	10	Nos.		
16.4	Supply and installation of factory crimped gigabyte patch card (7 feet long)	30	Nos.		
16.5	Supply and installation of 48 port patch panel (D- Link)	2	Nos.		
16.6	Supply and installation of 48 port switch (D-Link)	2	Nos.		
16.7	Installation of 6 U Router (New)	1	No.		
16.8	Supply and installation of 15 U/18 U rack (HCL) (New)	1	No.		
16.90	Testing, feruling, identification, dressing & certification of LAN cable for near end talk (NEXT) using penta scanner	1	Lot		
	<b>TOTAL FOR ELECTRICAL WORK</b>				

DATE

PLACE

SEAL & SIGNATURE FOR CONTRACTORS