

**NIT FOR PR NO.1050011020/AMC FOR POWER DISTRIBUTION & LIGHTING at EM
division BEML KGF for a period of one year.**

**Firm to quote only for service charges in price bid (financial details not to be
indicated in the technical bid).**

THIS IS A 2 BID SYSTEM. 1. Technical bid and 2. Price bid.

Price bid of only technically acceptable / qualified firms will be opened.

Service No	Service Description	Qty	UOM	AGREED / NOT AGREED
1	I.A) Removal and replacement by new bus Removal and replacement by new bus - bar links 400A capacity.	52	JOB	
2	IB) Removal & repair of 400 A BBT Removal and repair of 400A bus bar trunking (vidyut or any other make and tightening of bolts)	132	JOB	
3	IC) Cleaning of BBT without dismantling Cleaning of 400A bus bar without dismantling bus bar link.	576	JOB	
4	ID) Polythene sheet covering of BBT's Polythene sheet covering of BBT's	520.00	M	
5	IIA) Providing new PIB 32A/63A/100A Providing new plug in boxes of 32A/63A/100A capacity.	96	NO	
6	IIB) Removal/repair and replacement PIB Removal/repair and replacement of plug in boxes of 32A/63A/100A capacity	316	NO	
7	IIC:1) Replacement of M-clamps Replacement of M-clamps	400	NO	
8	IIC: 2) Replacement of fuse base carrier Replacement of fuse base carrier	544	NO	
9	IID) Replacement of TAP OFF boxes Replacement of TAP-OFF boxes of capacity 200A to 400A	32	NO	
10	IIE: i)16 to 35sq.mm Cable laying Laying/providing cable from plug in box/tap off box to main switch and termination at both ends with suitable cable glands and lugs as per standard procedure. i) 16 sq.mm to 35sq.mm	1180.00	M	
11	IIE ii)50 to 270 sq.mm cable laying Laying/providing cable from plug in box/tap off box to main switch and termination at both ends with suitable cable glands and lugs as per	2400	M	

	standard procedure. ii) 50 sq.mm to 270 sq.mm			
12	III: A) Fixing new 32-100A TPN switches Providing new 32A/63A/100A TPN switch inclusive of necessary fabrication and other works.	176	NO	
13	IIIB) Removal & fixing TPN switches Removal of existing 32A/63A/100A TPN switches and replacement of new one	140	NO	
14	IIIC i) Replacement of fuse base/carrier Repair of industrial type switches on stanchion or on wall inclusive of end termination of 32A to 100A capacity. i) replacement of fuse base/carrier	244	NO	
15	IIIC ii) Replacement of U clamp/shoulder Repair of industrial type switches on stanchion or on wall inclusive of end termination of 32A to 100A capacity. ii) replacement of U clamp/shoulders	132	NO	
16	IIIC iii) Fabrication of panel switch Repair of industrial type switches on stanchion or on wall inclusive of end termination of 32A to 100A capacity. iii) Fabrication of panel for switch mounting	92	NO	
17	IIID i) Fab. of adapt box 63A and 100A Fabrication of suitable adapter boxes for switches i) 63A and 100A	48	NO	
18	IIID ii) Fab. of adapt box 200A and 400A Fabrication of suitable adapter boxes for switches ii) 200A and 400A	116	NO	
19	IIIE i) Rem. of old cable upto 35sq.mm Removal of loose or unwanted cable from switches and on walls/stanchions i) Size up to 35 sq.mm	2288	M	
20	IIIE ii) Rem. of old cable upto 240sq.mm Removal of loose or unwanted cable from switches and on walls/stanchions ii) Size up to 240 sq.mm	2528	M	
21	IV A) Excavation of cable trench Excavation of cable trench in loose/hard soil to a depth of 1 Mtr and width of 0.4 Mtr and resurfacing the same after laying of cable as per the standard practice covering with sand and bricks for cable protection.	456	M	
22	IV B) Making of groove in concrete floor Making of 75x50mm deep groove on the shop concrete floor, laying supply cable and redoing the surface	200	M	

23	IV C i) Cable laying 35 sqmm to 120 sq.mm Laying armoured/un-armoured underground cable 3/4 core of the following sizes in existing cable trench as per the standard practice and making end terminations at both ends as required i) 35 sq.mm to 120 sq.mm	1600	M	
24	IV C ii) Cable laying 150 to 400 sqmm Laying armoured/un-armoured underground cable 3/4 core of the following sizes in existing cable trench as per the standard practice and making end terminations at both ends as required ii) 150 sq.mm to 400 sq.mm	708	M	
25	V) Reconditioning/ servicing of Earth pit 1. Removal of debris, cleaning grass weeds inside the earth pits and surrounding areas. 2. Checking of earth electrode if any loose connections rectifying / replacing rusted bolts & nuts, strips with new one 3. Measure earth resistance of electrode 4. Strengthen earth pits by filling charcoal, sand, salt and pouring water. 5. Providing / Labeling of earth pit name plates where ever required 6. All works carried out as directed by EIC 7. Earth pits are covering with chequered plates wherever required. 8. ONE JOB is Servicing of 02 Earth Pits.	72	JOB	
26	MAINTENANCE OF BAY/BLDG/ROOF LIGHTING 1. Power shut down / line clearance should be taken while executing the works in coordination Maintenance section in-charge. 2. Dismantling of the fittings & cleaning thoroughly 3. Checking of wirings/cable, terminals for proper contacts, if found defective, replace. 4. Checking of lamp holder, ignitor, lamp & choke, if found defective, replace. 5. Check for proper voltage and after repairs switch ON the supply, to check the condition of the lighting. 6. One job comprising of maintenance of 07 fittings.	860	JOB	
27	MAINTENANCE OF BORDER LIGHTING	940	JOB	

	<p>1. Power shut down / line clearance should be taken while executing the works in coordination Maintenance section in-charge.</p> <p>2. Dismantling of the fittings & cleaning thoroughly</p> <p>3. Checking of wirings/cable, terminals, Main switches, MCBs for proper contacts/functioning, if found defective, replace.</p> <p>4. Checking of lamp holder, ignitor, lamp & choke, if found defective, replace.</p> <p>5. Check for proper voltage and after repairs switch ON the supply, to check the condition of the lighting.</p> <p>6. One job comprising of maintenance of 03 fittings.</p>			
28	<p>MAINT.OF LIGHT FITTINGS IN OFFICE/TOILET</p> <p>1. Power shut down / line clearance should be taken while executing the works in coordination Maintenance section in-charge.</p> <p>2. Dismantling of the fluorescent fittings (4ft & 2ft) & CFL & cleaning thoroughly</p> <p>3. Checking of wirings/cable, switches for proper contacts, if found defective, replace.</p> <p>4. Checking of lamp holder, lamp, starter & choke, if found defective, replace.</p> <p>5. Check for proper voltage and switch ON the supply after repairs and check for proper functioning of the lighting.</p> <p>6. One job comprising of maintenance of 06 fittings.</p>	860	JOB	
29	<p>MAINTENANCE OF EXHAUST/CEILING FAN</p> <p>1. Power shut down / line clearance should be taken while executing the works in coordination Maintenance section in-charge.</p> <p>2. Dismantling of the fan & cleaning thoroughly</p> <p>3. Checking the condition of regulator, capacitor & bearings, if found defective replace.</p> <p>4. If winding found defective, the same has to be dismantled & moved to Rewinding section.</p> <p>5. Check for proper voltage and switch ON the supply after repairs and check for proper functioning of the fan.</p> <p>6. One job comprising of maintenance of 03 fans.</p>	300	JOB	

Sl. No.	TERMS AND CONDITIONS:	AGREED / NOT AGREED
1	Contractor should have valid Electrical License issued by Electrical inspectorate, Govt. of Karnataka. The same has to be submitted along with the bid.	
2	The contractor should follow the safety norms of our company while carrying out the work. BEML will not be responsible for any accident met by the laborers' /workmen during the execution of work. Any accident met should be reported to our safety manager/maintenance immediately.	
3	Required materials will be provided by BEML. Shifting of the same materials like switches, cables etc to the work spot is the responsibility of the contractor. Necessary tools required to carry out the work have to be arranged by the contractor.	
4	Entire work should be carried out as per the instruction of Engineer in charge and in co-ordination with shop supervisors. The debris / damaged old items collected during the work is to be removed and salvaged at a place shown by the engineer in charge.	
5	Contractor should supervise the work.	
6	Required High rise platform/ladders providing by BEML AND shifting to the work spot is the responsibility of the contractor.	
7	The contractor should submit the report of actual work done in prescribed format in coordination with shop engineers.	
8	If the work is essential in nature, the contractor should engage the work men around the clock or holidays if called for to complete the work.	
9	Payment will be made on quarterly basis to the extent of the work carried out (once in three months) duly certified by the Section heads/Head of Electrical maintenance against the bills.	
10	The workers engaged by firm should be paid minimum wages as per GOVT notification. The contractor should ensure that all the laborers' engaged are covered under ESI/PF schemes.	
11	Quoted rates deemed to be included minimum wages, ESI, PF, BONUS payable and provision towards safety etc.	

12	The firm should Quote for Labor charges as per the scope of work for individual items.	
13	The Period of contract is for 12 months from 01.04.2022 or as per order	

Agree to comply to all terms and condition of the tender.

Signature of Contractor with seal.