

ANNEXTURE – 1

Major Works to be cover

PART-A: Name of work: Annual Maintenance Contract for Electrical Maintenance jobs at ITPS Colony

Sl.No	Description
1	Repair & replacement of Electrical installation of Residential & non-residential building as and when requires like meter, main switch, wire, tube light, casing-capping, Switch, Socket, Angle holder, RCCB, Fan and other electrical appliances.
2	Repair & Replacement of street light fitting, Lamp, Igniters, Choke, Junction box etc, as and when requires
3	Repair & replacement of HT/LT overhead line equipment such as insulator, conductor, lightening arrester, jumpering, sagging, horn gap fuse, AB switch etc and other related works up to 33KV System as and when requires.
4	Filling of transformer oil with regular checking and maintenance of panel, switch fuse unit, breaker etc. & other related items.
5	Repair and replacement of electrical installation inside panel box with service wire / cable for quarters.
6	Monthly meter reading to be taken from energy meter installed at residential and non-residential buildings.
7	Temporary power supply to extend at any place of ITPS Township as and when requires.
8	Temporary lighting arrangement to be done at any place of ITPS Township.
9	Any additional minor electrical installation like board, AC, Geyser, Timer, Conductor, Switch, Socket, Meter etc. To be installed as and when requires.
10	Minor repair / replacement of electrical appliances like AC, ceiling fan, Geyser, Water cooler, motor etc. As and when requires.
11	The contractor maintenance staff will be present at fuse call centre round the clock to attend the electrical fault of residential & non-residential building at ITPS Township.
12	"No power supply" of the building and non – residential building to be attended immediately after getting information by phone or complain register.
13	Breakdown of LT /HT line to be attended immediately as directed by the Engineer -in-charge.
14	Breakdown inside and outside of 33 KV line such as ITPS to Bandhabhal line & ITPS to Banaharpali village & ITPS to recycling plant have to be attended as and when required.
15	Repairing and Servicing of LT motor & DG set of ITPS Township to be done as and when required.
16	Operation and maintenance of DG set at hospital during no power supply & as and when required.
17	Checking of power supply at Banaharpali village, Baragad village and building constructed by OPGC as and when requires.
18	Trimming of tree along the LT /HT & lighting pole as per direction of EIC.
19	Switching operation of like 33KV HT indoor & outdoor breaker, LT panel, breaker and bus coupler system and street light panel in day to day work
20	Cleaning of substation and panel box area as and when requires.
21	Checking of quarters at the time of vacation, occupation & rectification, fixing of fan etc.
22	Checking & maintaining the healthiness of ACs under colony maintenance.
23	Any other works as directed by EIC to maintaining the system in good condition.
24	Scrap materials shall be returned to Warehouse and to be kept in proper place and proper housekeeping.
25	Fan rewinding and replacement of bearing, bush, capacitor and connector of ceiling fan will be done by Contactor. AC repairing of defective / damaged compressor and parts will be done by contactor, however removing and re-fixing will be done by the contractor.
26	Required materials will be drawn from ware house and will be deposit in colony site store.
27	Rewiring of the quarters in emergency as per direction of EIC.
28	Monthly checking of colony distribution panels as and when required.
29	Checking of RCCB twice in a year of all residential & non-residential buildings and to maintain record.
30	Yearly checking of earthing to all locations in residential & non-residential buildings and to maintain record. .
31	Minor painting of panel and switch board or any other electrical appliances as and when required, paint will be supplied by OPGC.
32	All electrical O & M in resource centre with regular checking of all ACs & keep records, Spare parts will be supplied by Contactor.
33	O & M of all 33 KV Substation belong to OPGC and maintaining record in the same.
34	O &M of 33 KV line belong to OPGC (Six-Pole structure, Four pole structure, Three pole structure, DP, SP, Coil earthing and all equipment for the concerned line)
35	The job repair and rewinding of LT motors includes removal, transportation, repair, rewinding, greasing, bearing changing, and installation as per direction of EIC to be done by the contactor.

Major work to be covered**PART-B: Name of work: Electrical Activity for New Infrastructures at ITPS Colony**

Sl.No	Description
1	Repair & replacement of Electrical installation of Residential & non-residential building as and when requires like meter, main switch, wire, tube light, casing-capping, Switch, Socket, Angle holder, RCCB, Fan and other electrical appliances.
2	Repair & Replacement of street light fitting, Lamp, Igniters, Choke, Junction box etc, as and when requires
3	Repair & replacement of HT/LT overhead line equipment such as insulator, conductor, lightening arrester, jumpering, sagging, horn gap fuse, AB switch etc and other related works as and when requires.
4	Filtration and filling of transformer oil with regular checking and maintenance of panel, switch fuse unit, breaker etc. & other related items.
5	Repair and replacement of electrical installation inside panel box with service wire / cable for quarters.
6	Monthly meter reading to be taken from energy meter installed at residential and non-residential buildings within a week of the month.
7	Temporary power supply to extend at any place of ITPS Township as and when requires.
8	Temporary lighting arrangement to be done at any place of ITPS Township.
9	Preventive maintenance of Elevators and solar lighting system.
10	Any additional minor electrical installation like board, AC, Geyser, Timer, Conductor, Switch, Socket, Meter etc. To be installed as and when requires.
11	Minor repair / replacement of electrical appliances like AC, ceiling fan, Geyser, Water cooler, motor etc. As and when requires.
12	The contractor maintenance staff will be present at fuse call centre round the clock to attend the electrical fault of residential & non-residential building at ITPS Township.
13	"No power supply" of the building and non – residential building to be attended immediately after getting information by phone or complain register.
14	Breakdown of LT /HT line to be attended immediately as directed by the Engineer -in-charge.
15	Breakdown inside and outside of 33 KV line such as ITPS to Bandhabhal line & ITPS to Banaharpali village & ITPS to recycling plant have to be attended as and when required.
16	Rewinding and Servicing of LT motor & DG set of ITPS Township to be done as and when required.
17	Operation of DG set at hospital during no power supply & as and when required.
18	Checking of power supply at Banaharpali village, Dhobadera village, Baragad village and building constructed by OPGC as and when requires.
19	Trimming of tree along the LT /HT & lighting pole as per direction of EIC.
20	Switching operation of street light panel day to day basis.
21	Cleaning of substation and panel box area as and when requires.
22	Checking of quarters at the time of vacation, occupation & rectification, fixing of fan etc.
23	Checking & maintaining the healthiness of ACs under colony maintenance.
24	Any other works as directed by EIC to maintaining the system in good condition.
25	Scrap materials shall be returned to Warehouse.
26	Fan rewinding and replacement of bearing, bush, capacitor and connector of ceiling fan will be done by Contactor. AC repairing of defective / damaged compressor and parts will be done by contactor, however removing and re-fixing will be done by the contractor.
27	Required materials will be drawn from ware house and will be deposit in colony site store.
28	Rewiring of the quarters in emergency as per direction of EIC.
29	Monthly checking of colony distribution panels as and when required.
30	Checking of RCCB twice in a year of all residential & non-residential buildings and to maintain record.
31	Yearly checking of earthing to all locations in residential & non-residential buildings and to maintain record. .
32	Minor painting of panel and switch board or any other electrical appliances as and when required, paint will be supplied by OPGC.
33	All electrical O & M in resource centre with regular checking of all ACs & keep records, Spare parts will be supplied by Contactor.
34	O & M of all 33 KV Substation belong to OPGC and maintaining record in the same.
35	O &M of 33 KV line belong to OPGC (Six-Pole structure, Four pole structure, Three pole structure, DP, SP, Coil earthing and all equipment for the concerned line)
36	The job repair and rewinding of LT motors includes removal, transportation, repair, rewinding, greasing, bearing changing, and installation as per direction of EIC to be done by the contactor.