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Sh. C V Vinod, Chief General Manager Telecom, BSNL, Kerala Circle, Thiruvananthapuram-33

Respected Sir,

## Sub: Infrastructure maintenance of Telephone Exchanges and need for proper upkeep of buildings and office premises, our suggestions: -reg

It is known to all that maintenance of passive infrastructure in TEs including DG sets and A/C units has been seriously affected due to non availability of adequate manpower and fund shortage in all BAs. Manning of power rooms and exchange premises has also been affected after the VRS of employees. Proper cleaning of buildings and premises has been a big question with casual labourers hesitating to do such works as they don't receive wages on time causing serious threat to health and hygiene of working employees especially in the COVID scenario. Instances of electrical accidents are also being reported from BAs due to lack of maintenance of electrical infrastructure. Such an incident was recently reported from Mannnarkad TE in Palakkad BA, where JTO Shri. Vishnu N V was seriously injured in his forehead due to blasting of the DG battery when he tried to start the DG during power breakdown, which was not operational due to lack of maintenance. Many electrical infrastructures in BAs are in very bad shape without proper maintenance. In these circumstances, we would like to suggest the following for your kind consideration.

1. For maintenance of DGs & A/C units, it is requested to consider arranging proper agreement with agencies so as to carry out periodic preventive maintenance and rectification on occurrence of faults. Visit charges and cost of consumables only need to be given to the contractors. In any case, comprehensive AMC may not be given for any

electrical items. It is understood that Kollam BA has finalised such an AMC for DG with minimal cost of service charge of less than 400 Rs per month. All BAs may be directed to make such arrangements for DG which is a vital infra.

- 2. Shortage of regular power plants and batteries has been reported from many BAs. At present, many exchanges are running on rectifier module support due to non availability of working power plants. Even good quality batteries would be affected in such cases. Many exchanges don't have quality battery sets to ensure at least minimum power backup. Many BAs are struggling to get faulty power plant modules repaired on time to meet operational requirements.
- 3. No manpower is available for managing power rooms in exchanges. Only on call duty arrangements is there even at unmanned stations. This arrangement even though would help to save expenditure, it may not serve our purpose as our exchange infrastructures are neither sophisticated nor automated to adapt to such an arrangement. Without proper escalation of external alarms from DGs or power plants to maintenance personnel, this model wouldn't help for proper management of external plant especially where battery backup is very low. Periodic replacement of AMF controller and AC contactors are very much essential to maintain DGs in operational mode.
- 4. KSEB meter reading in unmanned stations has been a problem these days with KSEB recording "door locked "in bills and creating incorrect invoices for payment. Placing of KSEB meters to an accessible location in the premises so that KSEB personnel could do meter readings without manpower presence from our side also need to be explored.
- 5. Threat of trespassing of antisocial elements into unmanned exchange premises do exists in many BAs especially in rural areas. Camera surveillance may be useful to track those attempts in case of loss or damage to our property is reported.

Thanking You,

**Sincerely Yours** 

Jithesh K P Circle Secretary SNEA Kerala Circle