

**CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)
HYDERABAD LABORATORY**

India has the label of being the second largest e-waste generator in Asia. More than 90% percent of the electronics waste generated in the country ends in up unorganized sector / market for recycling and disposal. The unorganised sector consists of an assortment of small and informal business not governed by any stringent health and environmental regulations and thereby polluting environment. Govt of India has notified E-Waste (Management), rules 2016 and being implemented for the regulating the unscientific processing of e-waste.

Now C-MET , Hyderabad Laboratory has developed environmental friendly technology for recycling of electronics waste and established pilot plant facilities for providing services for processing PCBs from e-waste (100kg PCB/day). The process technology involves dismantling, depopulation, segregation, shredding, smelting, , electro refining and chemical processes. C-MET is planning to extend its facilities to small recyclers, NGOs and Informal Sectors to process the PCBs on payment basis.

The services to be provided at C-MET on payment basis are given below | :

1. PCB (Printed Circuit Boards) to BC (Black Copper): service charges for 100 kg PCB- Rs.15000/-
2. PCB to Copper, Gold and Silver: service charges for 100 kg PCB - Rs.20000/-

Note: The taxes are extra as prevailing. Present rate of GST is 18%

Interested parties may please contact C-MET for availing the services on payment basis. Services shall be rendered on first cum first basis.

TERMS & CONDITIONS:

1. Party can apply and book its time slot and on communication from C-MET party can bring material for processing during its office timing at stores, C-MET, IDA Phase-III, Cherlapally, Hyderabad.
2. Quantity for processing shall be 100 kgs PCBs or more, and the service charges shall be proportional to its weight.
3. Party can witness during weighing of the material and based on actual weight it has to pay the service charges in advance.
4. Party can pay service charges upto black copper level and it can take a decision to go for final metal separation once the black copper analysis is obtained
5. Precious metal estimation shall be carried out at the level of black copper only.
6. The duration of process will be around 10 days up to the level of Black copper and 20 days for Copper , Silver & Gold.
7. The chemical composition and weight of black copper shall be shared with parties

- 8. In general the recovery yield of copper is ~90%, silver ~ 80% and gold is ~ 95%. However actual yield of recovery of metals is purely depends upon of input quality.**
- 9. Final metals and by-products, slags etc shall be handed over to the parties.**
- 10. C-MET has the right to reject certain materials (PCBs) and the reasons need not to be disclosed to the parties**
- 11. Parties or their representatives are not at all permitted in the processing area during the recycling and recovery process.**
- 12. The parties have to follow the rules and regulations strictly during transportation of PCBs, products, by-products and effluents. CMET shall not be responsible for any legal actions against the parties for any non-compliance.**

Details of the material to book the time slot for processing

1. Name of society/NGO/recycler/informal actor :
2. Postal address :
3. Contact person :
4. E-mail :
5. Telephone, mobile :
6. Quantity of PCBs :
7. Material source (such as desktop, lap top
mobile etc) :
8. GST Number, if registered :