



CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)

(Scientific Society, Ministry of Electronics and Information Technology (MeitY), Govt. of India)

IDA PHASE – III, CHERLAPALLY, HCL (PO), HYDERABAD – 500 051

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No. C-MET/HD/SP-41/GRCH/32/2020-21

Date: 28-09-2020

CALL FOR PROPOSALS UNDER GRAND CHALLENGE

Centre for Materials for Electronics Technology (C-MET), a premier R&D organization under Ministry of Electronics & Information Technology (MeitY) is setting up Centre of Excellence (CoE) on E-waste Management at its Hyderabad Campus. The objective of CoE is to create physical infrastructure and knowledge hub for the development of cost-effective technology for E-waste recycling and dissemination of E-waste solutions from dismantling to recycling to separating precious metals in collaboration with Government, Industries, and Academia. The CoE also facilitates partnership with various stakeholders to translate ideas into products and build affordable technologies. Grand Challenge is one of such programmes of CoE which supports financial assistance to solve R&D problems in a swift and timely manner.

C-MET invites research proposals from faculty members of the academic institutions to address the following theme area

Effective Management of process slag from PCB smelting

Applications should focus on new ideas that have the potential to transform Slag to usable materials for Cement Industries, Filler materials etc. The prospective proposals will be supported by Centre for Materials for Electronics Technology (C-MET) through Centre of Excellence (CoE) on E-waste Management under Grand Challenge programme

The prescribed guidelines are as under:

1. Faculty member of any academic institutions are eligible to apply
2. He/she shall be the Team Leader
3. The team leader may opt a maximum of 3 students of the institution for executing the proposal
4. Each student shall be paid stipend of Rs.50000 for total duration
5. This stipend may be included in the Manpower costs of the proposal
6. Total cost of the proposal should not exceed Rs. 10 Lakhs (inclusive of institutional overheads)
7. Total duration of the proposal should not exceed 6 months

8. The Team Leader or his/her team members should not publish any results on this topic during the course of R&D of the proposal without prior permission of C-MET
9. The team members shall be provided access to the infrastructure available at C-MET on prior permission
10. At the end of the project, a detailed report incorporating all the technical details of the process adopted, results and analysis thereof and designs, if any, are to be submitted to CMET
11. At the end of the project, a statement of expenditure and Utilisation Certificate (as per GFR 2017) duly audited by Chartered Accountant is to be submitted. Unspent balance, if any, is to be returned to CMET through digital bank transfer.

Applications may be submitted in the formats annexed to this notification. Hard copy of the proposal is to be submitted in the prescribed format, along with all annexures and enclosures by **20.10.2020** to:

Director
Centre for Materials for Electronics Technology (CMET)
Ministry of Electronics & Information Technology (MeitY)
IDA Phase III, Cherlapalli, HCL(P.O.), Hyderabad 500 051

Soft copy of the proposal and enclosures, in MS Word/PDF format, may be forwarded through E-mail to: fao-coeh@cmet.gov.in

ANNEXURE – I

DRAFT LETTER FOR SUBMISSION TO BE SUBMITTED ON THE LETTER HEAD OF THE APPLICANT

Ref: No.

Date:

The Director
C-MET
IDA Cherlapally, Phase - III
Hyderabad – 500 051

Dear Sir

Sub: Grand Challenge titled “Effective Management of process slag from PCB smelting.”

We, the undersigned, offer to provide our proposal as required in your reference no. No. C-MET/HD/SP-41/GRCH/32/2020-21 Date: 28-09-2020. We are hereby submitting our proposal with all the requisite information and documents.

We hereby certify that all the information and statements made in this proposal are true and accept that any misstatement or misrepresentation in the enclosed documents may lead to our disqualification.

We understand that you are not bound to accept/reject any proposal without assigning any reason.

Yours faithfully

Authorised Signatory
NAME & DESIGNATION

1. Title of the proposal:

Effective Management of process slag from PCB smelting

2. Team members involved in pursuing/executing the challenge:

Sl. No	Name	Designation	Role

3. Time required to submit the final results: _____ months

4. Financial details:

Sl. No.	Particulars	Amount (Rs.)	Remarks
1.	Manpower		
2.	Consumables		
3.	Characterisation		
4.	Utilities		
5.	Fabrication works		
6.	Contingency		
7.	Institutional Overhead		
	Total:		

WRITE-UP ON THE EXPERIENCE OF THE TEAM LEADER, PLAN OF ACTION, METHODOLOGY TO BE ADOPTED IN TAKCLING THE PROBLEM, END SOLUTATION AND THE PROCESS PARAMETERS TARGED. (Not exceeding 2 pages)