

Board Of Research In Fusion Science & Technology

Format For Submitting Research Proposal Under The National Fusion Programme

1. Title of the project
2. Keywords (minimum 5)
3. Category (theory, experiment, modeling)
4. Principal Investigator & Co-PI's { Provide full names, postal address, contact number(s), mobile number, email id's }
5. Collaborating personnel from IPR (Name, email, mobile no & IPR contact number)
6. Participating Institution (with full postal address)
7. Recommendation from Head of Institute
8. Referee's names (minimum 5, non-IPR referees with full name, designation, email id, contact number and field(s) of expertise). PI is requested to take prior consent of the referees regarding their willingness to referee the project proposal.
9. Objectives (clearly define)
10. Benefits to NFP/ other national programmes (in detail)
11. Deliverables (Should be explicitly listed. Kindly avoid listing open-ended deliverables)
12. Project Personnel to be recruited (provide name of post, required and expected minimum qualifications)
13. Salaries (please mention % of HRA as per PI's host institution norms)
14. Work Description (in detail)
15. Major Work Elements and Identification of Responsibility (between PI, Co-PI and IPR)
16. Critical Tasks and Back-up plan (List)
17. Schedule of Work with Milestones (with time-line chart)
18. Facilities currently available at PI/Co-PI's host institution (please list)
19. List of indigenous equipment required with list of suppliers and estimated price in INR (with justification)
20. List of imported equipment required with list of suppliers and estimated price in INR (with justification)
21. List of fabricated items with list of fabricators and price in INR (with justification)
22. Consumables list (in detail)
23. Computer hardware / Software list (in detail, with justification)
24. Procurement restrictions if any
25. Budget (salaries, equipment, consumables, software, travel, contingency, consumables etc. Please provide adequate justifications for budgets under all heads)
26. Budget : Year-wise breakup
27. Name of authority to which the Demand Draft may be made payable to.

28. CV of the PI with publication list
29. CV of collaborating personnel with publication list
30. List of previous and currently held R&D projects of the PI & Co-PI's with the following details ;
 - (A) title of the project (B) sanctioning authority (C) tenure of the project (D) total amount.
 - (B)

Please complete all sections

Please read carefully before submitting project to BRFST

- Please submit the proposal at least THREE months prior to the review meetings (ie, by 30 November & 30 May).
- There is no upper limit to the budget. Budget allotment will be decided by the BRFST board on a case-to-case basis as well as depending on the number of proposals received per year.
- It is preferred that PI's from one region pool their resources (expensive instruments and facilities) so as to reduce the project budget. PI's are requested not to propose high cost projects involving setting up of centers etc at this point of time.
- Time scales of the project can be from 1-3 years for proposals from academic institutions. Extension of the project (if required) would be decided by the review committee. For proposals from industrial establishments, the time is 1 year.
- The PI is requested to closely interact with BRFST and his/her project co-coordinator from IPR for smooth operation of the project.
- Please provide detailed specifications for **Equipment / Computers / Software** and other high value items that are being budgeted in the project proposal. Only those equipment / staff that have been sanctioned by the board will be allowed.
- An institutional overhead of ~ 15% of the project budget may be added to the project. Expenses for infrastructure such as building, setting up of laboratory, air-conditioning etc. **will not** be supported by BRFST. This overhead is Not applicable to additional funds sanctioned in subsequent years.
- Fellowships for the project personnel : JRF : Rs.16,000/- p.m. (+ HRA as per PI's institute norms) - fresh Postgraduate (MSc, MTech, ME, MCA etc). Staff such as clerk, tech. assistant, project asst. etc. will not be supported by BRFST. Such staff are to be provided by the PI's institute.
- SRF : Rs. 18,000 p.m. (+ HRA as per PI's institute norms) - Post graduation + 2 years research experience.
- Qualifications : NET qualified OR 1st Class in the qualifying examination.
- Hiring of manpower (not sanctioned in the project) for extended periods using contingency funds is NOT allowed.

- Travel grants (only for travel within India) is restricted to a maximum of Rs. 1.0 Lakh per year and will be decided on a case-to-case basis. Travel will be as per the travel entitlements granted to the PI by the PI's institution.
- Contingency and Consumable heads are restricted to 0.5 Lakhs per year for non-experimental projects.
- Requests for purchase of laptops, color laser printers etc. will normally be disallowed, unless adequate justification is provided for the same.
- Please submit the project proposal along with (1) budget sheet (2) list of equipment & staff to BRFST (3) Covering letter from head of the PI's institution.
- **Please read the document "Guidelines for implementing BRFST R & D projects" available on the BRFST website carefully before submitting the proposal.**

If you have any queries regarding the funding process or submission of project proposal, please feel free to contact BRFST.

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