

**RESEARCH SCHEME ON POWER (RSOP)****Format for New Project Proposal for submission to CPRI, Bangalore**

1. Name of the Research Station and Address
2. Name of the Principal Investigator (PI) and Project team
3. Project Title
4. Objectives
5. Justification
6. Facilities required (*in terms of equipment's / accessories*)
7. Broad overview of technical programme
8. Bar chart of technical work on quarterly basis with major milestones to be achieved.
9. Total Estimated cost of Project (*Rs Lakhs*)

## ❖ Expenditure break up:

| SL No       | Particulars  | Year wise break up<br>( <i>Rs Lakhs</i> ) |         | Total Cost<br>( <i>Rs Lakhs</i> ) |
|-------------|--|---|---------|-----------------------------------|
|             |  | I year                                    | II year |                                   |
| 1           | Major Equipment's                                  |   |         |                                   |
|             | a. ....  |   |         |                                   |
|             | b. ....  |   |         |                                   |
|             | c. ....  |   |         |                                   |
| 2           | Software / Hardware                                |   |         |                                   |
| 3           | Temporary man power<br>(SRF/JRF/RA/PA/Consultancy) |   |         |                                   |
| 4           | Consumables / Miscellaneous                        |   |         |                                   |
| 5           | Travel / Contingencies                             |   |         |                                   |
| 6           | Outsourcing of facilities                          |   |         |                                   |
| 7           | Others ( <i>if any</i> )                           |   |         |                                   |
| 8           | Institutional overheads                            |   |         |                                   |
| Grand total |  |   |         |                                   |

## ❖ Expenditure plan:

| Year  | Recurring expenditure<br>( <i>Rs Lakhs</i> ) | Non – Recurring<br>expenditure ( <i>Rs Lakhs</i> ) | Total<br>( <i>Rs Lakhs</i> ) |
|-------|--|--|------------------------------|
| I yr. |  |  |                              |

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|        |  |  |  |
|--------|--|--|--|
| II yr. |  |  |  |
|--------|--|--|--|

❖ **Financial progress envisaged on Quarterly basis:**

| Quarters | Recurring expenditure<br>(Rs Lakhs) | Non – Recurring<br>expenditure (Rs Lakhs) | Total<br>(Rs Lakhs) |
|----------|-------------------------------------|---|---------------------|
| I        |                                     |   |                     |
| II       |                                     |   |                     |
| III      |                                     |   |                     |
| IV       |                                     |   |                     |
| V        |                                     |   |                     |
| VI       |                                     |   |                     |
| VII      |                                     |   |                     |
| VIII     |                                     |   |                     |

10. **Project duration (*not to exceed 2 years*)**11. **Details of End user / Partner for execution of project work / field implementation and nature of involvement of partner**12. **Specific deliverables of the project in terms of**

- i. *Knowledge gained*
- ii. *Research publications*
- iii. *Patents*
- iv. *Process and product development*
- v. *Contribution towards improvements in issues concerning System operation*
- vi. *Value addition*

13. **Benefits / returns from the project work (*indicate likely benefits to Indian Power Sector / Indian Utility / Manufacturer / Society*)****Mandatory Enclosures:**

- **Brief summary of work carried out by PI and team members in the last 5 years.**
- **Details of Publications in National / International Journals / Patents.**
- **Details of Research projects completed / ongoing of the PI (*if any*)**

| SL No | Project Title | Outlay<br>(Rs Lakhs) | Sponsored<br>(Scheme) | Project Outcome<br>/ Deliverables | Publications<br>/ Patents<br>(numbers) |
|-------|---------------|----------------------|-----------------------|-----------------------------------|--|
| 1     |               |                      |                       |                                   |  |

- **Brief CV / Bio data of PI and team members**

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- Complete address of PI for communication (*includes Mobile, Landline and Fax number, email id etc.*)
- Details of Existing Lab / Analytical / Computational facilities.
- In case of Engineering Colleges, details of research center, facilities, PG courses, Doctoral program and number of PhD Scholars may be furnished.

**Note:**

- A soft copy of the proposal in CD (in MS Word format) has to be enclosed along with the four hard copies of certified RSOP project proposal
- Once the project proposal is approved by Technical Committee, extension of project duration will not be entertained. Hence precaution should be taken to clearly state the project duration by considering all the factors of project implementation.

**Certificate**

- A. This proposal has the approval of the Organization and all the existing facilities shall be made available for carrying out the studies on the proposed scheme
- B. That the research work proposed in the scheme does not in any way duplicate the research work already done or being carried out in the research station on the subject.
- C. The research proposal is solely written by the project team and has not been generated by any LLM based GenAI applications like (ChatGPT, llama, Gemini etc.)
- D. All the personnel including Research personnel appointed under the Project, for the full/ part duration of the Project, will be treated as temporary employees and will be governed by the administrative rules/ service conditions (for leave, TA/DA, etc.) of the implementing Organization. No permanent employees of the implementing organization shall receive their salary from the project grant.
- E. That the project is not being partly or fully financed by grant from any other Organization / Government

|   |   |
|---|---|
|   | (if applicable)                               |
| <b>Name and Signature of the Principal Investigator</b> | <b>Name and Signature of the Collaborator</b> |

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|   |  |
|---|--|
|   |  |
| <b>Signature of the HOD / Head of the Implementing Institution / Organization<br/>(With seal)</b> | <b>Signature of the HOD / Head of the Collaborating Institution / Organization<br/>(With seal)</b> |
| <b>Date:</b>  | <b>Date:</b>   |

CPRI