

**APPLICATION FOR INVITING PROPOSALS FOR
RESEARCH & DEVELOPMENT**

(NB - Three hard copies and e-copy of the application are required)

SECTION-A

(To be completed by the Principal Investigator)

1. Title of research/development proposal :
(make the title concise & specific)
2. (a) Name of the principal investigators :

Designation :

Name of Institution :

Address :

Contact Details :

Tel No/Mobile :

Email :

(b) Other investigators :

3. (i) Proposed duration of the research :
/development proposal

i) Phase-I

ii) Phase-II

iii) Phase-III

(ii) Proposed date of commencement of project/ :
facilities

4. Amount of grant proposed for :

Grants		1 st Year	2 nd Year	3 Year
		IC	IC	IC
		(In Rupees)		
(a)	Research Staff			
(b)	Special Equipment			
(c)	Consumable stores, chemicals, etc.			
(d)	Contingencies			
(e)	TA/ DA			
(f)	Others (please specify)			
Total				
Grant Total				
RS.....)				

5. i) Department of the institution where R&D project will be carried out :

ii) Other departments if any, which will cooperate in this study :

iii) Details of financial support sought/ obtained from other agencies :

6. a) Specific aim of the project :

Technology area under which the proposal is submitted :

b) i) Wind resource Characterization (onshore & offshore) :

ii) Wind Turbine Design :

iii) Wind Energy Systems :

iv) Wind Turbine Materials and Components :

v) Market & Policy :

- c) Summary of proposed research / facility & Objectives
(brief statement about the proposed investigation, its conduct, and the anticipated results in terms of material development/ large scale model development/ prototype development/ pre- industry model development/ technology demonstration/ field evaluation/ standards development not more than 200 words) :
- d) Keywords :
- e) Classification of the project
(please state whether Basic research, Applied research, Facility setup, Dissemination of information process : development, Hardware development, Study of exploratory of review of investigation, Miscellaneous)

Background and Investigation

- 7. (Basis for the proposal with a brief review of the state of art in the subject, followed by an outline of the relevance and importance of the project in particular towards research/ development/ design related to wind turbine technology) :
- 8.
 - a) Approach (Details of the actual approach intended to be adopted in the execution of the project/ facilities indicating how each of the objectives listed in item 6(a) : will be achieved)
 - b) Bar Chart/ PERT chart indicating major milestones may : please be attached.
- 9.
 - a) Project Deliverables :
(Products/ Process/ Papers/ IPR)
 - b) Potential users and suggested plans of actions for : utilisation of expected project output with proper analysis for scalability and bankability

10. Facilities available for carrying out the proposed R&D work in the applicant's institution (to be attached as appendix). Describe the general facilities at your disposal. List major items of permanent equipment, which are essential for this : project/ facilities and are available in your institution.
11. Previous work done in this or related fields (To be attached as an appendix). Describe briefly any work done that is particularly pertinent to the proposal and list (i) : your personal publications in this and related areas and (ii) personal publications in other areas.
12. Details in respect of research project facilities currently being undertaken/likely to be undertaken by the PI and the Co-Project Investigator from various sources (List all current : research support of the investigator from other agencies).

Name of PI/ Co- PI	Name of Sponsoring Agency	Title of Projects/ Facilities	Total Amount	Total Period of support with dates from to
PI				
Co-PI				

13.		Biographical sketch of investigator(s)	:	
	a)	Name	:	
	b)	Designation	:	
	c)	Age	:	
	d)	Education & Experience	:	

(i)	Degree conferred : (Begin with bachelor degree)	:	
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Degree	Institution conferring	Field(S)	Year

(ii)	Other research training and experience especially establishing research qualifications in area covered by this application including previous & present position		
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Institution	Name of the work done	Year

e)	Fields of major scientific interest in order of choice	:	
f)	Any other additional information	:	

SECTION-B

1. Name of institution submitting application :
2. Address :
3. Name, designation, and full address of the official to whom cheques are to be mailed :

CERTIFICATE

I am submitting the above titled project proposal to NIWE for financial support.

1. I/We agree to abide by the terms and conditions of the NIWE research grant.
2. I/We have not submitted the project proposal elsewhere for financial support.
3. I/We have requested funds for the items, which are not available with the institution for the proposed work and are absolutely essential.
4. I/We will not proceed on long term/ study leave/ deputation during the period of project implementation, without prior permission from NIWE.
5. I/We have enclosed the following documents/ materials.

(Signature of the principal investigator)

(Executive Authority of the Institution)

Name:

Name:

Designation:

Designation:

Date:

Date:

Annexure- I**Details of Cost of Various Components and Justification****a) Cost of Equipment:**

Sl.NO.	Name of the equipment along with the Make & Model	Imported/ Indigenous	Estimated costs (in foreign currency also for imported equipment)	Justification
1.				
2.				
3.				

* Including transport, insurance, and installation charges

b) Manpower cost:

SL.NO.	Designation/ Number	Justification	Monthly Remuneration	Amount (Rs)			
				1 st year	2 nd year	3 rd year	Total

c) Cost of Consumables:

SL.NO.	Item	Quantity & Cost	Amount(Rs)			
			1 st year	2 nd year	3 rd year	Total
1.		Quantity/Number				
		Total Cost(Rs.)				
		Foreign Exchange Component(US \$)				
2.						
3.						
Total		Total Cost (Rs.)				
		Foreign Exchange Component(US \$)				

d) Travel Cost:

SL.NO.	Travel (Domestic/International)	Justification	Amount(Rs.)			
			1 st year	2 nd year	3 rd year	Total
1						
2						
3						