

Department of Science & Technology
Ministry of Science & Technology
Govt. of India

CALL FOR THE PROPOSALS ON CO₂ SEQUESTRATION RESEARCH

Department of Science & Technology (DST) under its Inter –Sectoral Science & Technology Advisory Committee (IS-STAC) had initiated a National Programme on **CO₂ Sequestration Research** jointly with other Ministries. In this context proposals are invited from recognized public institutions for consideration of support.

PURPOSE:

Carbon dioxide capture and storage (CCS) is an approach to mitigating climate change by capturing carbon dioxide from large point sources such as power plants and subsequently storing it away safely instead of releasing it into the atmosphere. Various possibilities for CO₂ sequestration are being considered, such as storage in empty gas and oil fields, coal beds, oceans and water containing sub-surface aquifers, mineral sequestration, afforestation and agriculture etc.

ELIGIBILITY:

Scientists and Academicians belonging to Universities, Deemed Universities, Research Institutes/Laboratories and Industry in following categories:

- R &D projects in emerging areas of CO₂ sequestration through participation of user ministry.
- Research Development & Demonstration (RD&D) projects demonstrated on industrial scale jointly with the concerned ministry and industry.

In order to qualify for such funding, investigators are required to have a concrete and sound research proposal which includes Project description, introduction, objectives, experimental methods and importance of the specific outcome of the project. 15 hard copies and one soft copy of the complete proposal in the enclosed format duly forwarded by the Head of the Institutions are to be submitted.

ALL PROPOSALS MAY BE SENT TO:

Dr. Susheela Negi, Scientist 'B', IS-STAC Division. Department of Science and Technology, Technology Bhavan, New Mehrauli Road, New Delhi-110 016, Ph. 26590622

This advertisement is also available on the internet <http://www.dst.gov.in>

THE PROPOSAL NOT IN ACCORDANCE WITH THE GUIDELINES IS LIABLE TO BE REJECTED. Proposals can be submitted anytime throughout the year.

GENERAL FORMAT FOR FORWARDING THE PROPOSAL

1. Project Title
2. Duration in months
3. Total cost
4. Principal Investigator with complete address including Designation, Department, Institute Name, address, date of Birth, Sex (M/F), Telephone, Fax and e-mail
5. Co-Investigator with complete address
6. Project Summary
 - 6.1 Origin of the proposal
 - 6.2 Definition of the problem
 - 6.3 Objectives
 - 6.4 Review of current status of Research & Development in the subject and Importance.
7. Work Plan
 - 7.1 Methodology
 - 7.2 Bar chart
 - 7.3 Suggested plan of action and its relevance to users Ministry/industry.

8. BUDGET ESTIMATES: SUMMARY WITH JUSTIFICATION

	Item	BUDGET			(in Rupees)
		1st Year	2nd Year	3rd Year	Total
A.	Recurring				
	1.Salaries/wages				
	2. Consumables				
	3. Travel				
	4. Contingencies				
B.	Non-recurring				
	Equipment/Capital cost				
	Grand total (A+B)				

. * Likely support /share expected from DST