



Government of India
Ministry of Science and Technology
Department of Science and Technology

SCIENCE FOR EQUITY, EMPOWERMENT & DEVELOPMENT DIVISION

**CALL FOR PROJECT PROPOSALS UNDER
WOMEN TECHNOLOGY PARK (WTP)**

SUMMARY

The Department of Science & Technology has been implementing a scheme "Science & Technology for Women" with a view to empower women through inputs of Science and Technology. The broad objectives of this scheme are to promote development and adaptation of appropriate technologies, transfer of proven technologies and demonstration of live technology models to benefit women. Numerous priority areas, with women as specific target groups, have been identified for proper scientific/technical interventions in the existing methodologies for empowerment and sustainable livelihoods. Besides individual projects for technology development, up gradation, modulation and replication, the scheme also focuses on establishing Women Technology Parks (WTP) that are envisaged to act as a resource centre where all necessary support is made available to women from a single platform for improving the living condition of the women by reducing their drudgery, improving health and environment and by providing opportunities for income generation through application of Science and Technology for economic development with equity and social justice. Recognizing the likely benefits of an improved and structured mechanism for delivering technologies to the women in rural areas, a number of Women Technology Parks were set up in different geographic / agro climatic regions of the country. These Women Technology Parks would act as windows for providing information, creating awareness, giving training for appropriate technologies leading to skill up gradation and also to help establish the all important forward and backward linkages for income generation through micro enterprises for women besides doing on field trials for research and developments and modulation of the technology packages to address location specific needs. As a part of the 12th Five Year Plan initiatives, the Department intends to establish more Women Technology Parks as per the conditions laid in this call.

ELIGIBILITY

- Academic, R&D Institutions, Central and State Government organizations with proven track record in executing S&T based projects.
- Private Universities/Colleges/Autonomous Institutes recognized by AICTE/MHRD/UGC having experience in executing S&T projects.
- Community Based Organizations/Potential Voluntary Organizations (NGO's) with at least ten (10) years of experience and having successfully

- implemented at least five major projects with support from S&T Departments/other credible funding agencies
- Community Based Organizations (Voluntary organizations & NGO's) should have mandatory tie up with S&T Institutions for technology transfer
 - Should have a physical presence in the location specified for intervention to include an office and required space/land

REVIEW PROCESS, EVALUATION AND FUNDING DECISIONS

The project proposals received under the call will be initially screened by departmental screening committee. The short listed applicants will be called for a presentation before the Expert Committee on Women Technology Parks constituted by Secretary, DST. The recommendations the Expert Committee will be placed before Secretary DST for final funding decisions.

APPLICATION PROCEDURE

Academic/R&D Institutions/Central and State Government Organizations/Potential Voluntary Organizations (NGO's) fulfilling the above conditions may submit project proposals (5 hard copies & 1 soft copy in MS word format only) in the prescribed format. The format and guidelines for submitting the project proposal is available on the website of DST (www.dst.gov.in) as well as on the website of SEED Division (www.scienceandsociety-dst.org). The envelope containing the proposals should be superscribed "PROPOSAL UNDER WOMEN TECHNOLOGY PARK (WTP)" and should be submitted **on or before 31st December 2015** to

The Head (SEED)
Science for Equity, Empowerment & Development Division (SEED)
Department of Science & Technology,
Technology Bhavan, New Mehrauli Road,
New Delhi-110016

Mrs. Sobhana Bhaskaran, Scientist - 'E', Science for Equity, Empowerment & Development Division (SEED), Department of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi - 110016 (E - Mail: sobha@nic.in & Phone: +91 11 26590383, +91 11 26602195) may be contacted for any questions/queries relating to submission of project proposals under this call.

Note: Organizations/Principal Investigators whose projects proposals were recommended against the previous call or who had already established WTP need not apply against this call. Applicants are reminded that they should allow enough time before the closing date for their proposal submission process to avoid postal delays

GUIDELINES AND FORMAT OF APPLICATION

The programme on “Women Technology Parks (WTPs)” has been one of flagship programmes of the SEED Division which has shown its sustainability even in remote areas of the country. The Rural Women Technology Park functions as a common platform in development, dissemination and adaptation of location specific technologies for improving the livelihoods, socioeconomic conditions (including health and nutrition) of women.

The project proposal under Women Technology Park (WTP) should clearly define the problems identified based on state-of-the-art surveys and should include objectives focusing on the solutions to the identified problems. There should be a clear mention of project deliverables, market potential and well defined tie up with professional agencies/ industries for technology development/testing/verification/adaptation/production and commercialization wherever possible. Collaborative proposals involving multiple agencies/institutes are encouraged.

GUIDELINES FOR WRITING THE PROPOSALS

- The proposal should specifically be aimed at the empowerment (improving the livelihood opportunities) of women and should focus on field demonstration/capacity building and training oriented activities.
- R&D aspects specifically focused on problems relating to women may also be incorporated (for example, health, nutrition, and age related problems).
- The project should clearly bring out technological interventions and the benefit the target population (quantifiable goals, targets and list of verifiable progress indicators should be provided).
- Proposals involving industrial collaboration will be encouraged; however the costs for such collaboration will not be covered by DST.
- Support would be considered for creating small infrastructure and equipments (training sheds, common facility centers, equipment of relevance to the project)
- The infrastructure will be provided in the area accessible to the target population only. The assets created should be handed over to the intended beneficiaries after completion of the project
- Technology packages should be selected based on local resources available.
- Emphasis should be both on employment and income generation leading to micro-enterprise development. Marketing linkages should be clearly spelt out in the proposal.
- Sustainability of the project, after DST support, should be ensured.

- Routine training on vermi composting, organic farming, tailoring, computers, mobile repair etc will not be considered for inclusion in the WTP. Technology packages which are innovative and cover potential areas of S&T, where in technologies have been developed in/by S&T institutions but have not percolated to the grass roots can be included.
- Proposals highlighting deploying of innovative technologies for sustainable livelihood and income generation based on locally available resources would be preferred rather inventing new technologies.
- The institutes/organizations/investigators should ensure local presence before submitting a proposal under WTP in that particular region.
- Project Proposal should be generally for three years duration.
- Pure R&D proposals without any translational output will not be considered under this programme
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Important Note:

- ✚ *Applicants may kindly note that the last date for submission of full project proposals is 31st December 2015. Applicants are reminded that they should allow enough time before the closing date for their proposal submission process to avoid postal delays*
- ✚ *Applicants are required to adhere to the said guidelines and ensure submission of project proposal as per the format for submission of application. The proposal should enclose necessary supporting documents. Devoid of these may result in rejection of application forms without assigning any reason thereof*
- ✚ *The proposals received under this call will be short listed by an internal screening committee. The proposals thus short listed will be called for presentation during 2016. Mere submission of proposal doesn't entitle either for short listing or for presentation.*
- ✚ *Those organizations/investigators whose proposals were not considered earlier during the years 2012, 2013 and 2014 may not submit proposals again for the same interventions and technologies for which the proposals have been rejected/not recommended.*
- ✚ *Those organizations/investigators who had already established Women Technology Parks need not apply again under this call.*

FORMAT FOR APPLICATION

PART I: EXECUTIVE SUMMARY

(This part should not exceed 12 pages)

1. Project Title

Rural Women Technology Park in _____ Village, _____ Block,
_____ District, _____ State.

2. Name of the Institution & Address

3. i. Name of the Principal Investigator:

ii. Name of Co-Investigator (s):

**4. Technologies (Interventions) selected for dissemination along with justification
(there should be 5-6 technologies/interventions)**

<i>Sl. No.</i>	<i>Technologies (Interventions)</i>	<i>Justification</i>
a.		
b.		

**5. Importance of the proposed interventions in the context of current status
(livelihoods, health, socioeconomic status etc)**

6. Science & Technology component/Innovativeness/Novelty of the project.

7. Expected Deliverables (5-6 clear cut deliverables)

8. Expected benefits to the target groups/population (5-6 clear cut deliverables)

9. Suggested plan of action for utilization of the outcome expected from the project

10. Please give a detailed business plan/enterprise model/sustainability of the project.

11. Details of the beneficiaries (direct and indirect)

12. Duration (months): Three Years (36 months)

13. Budget Summary:**Recurring Cost :****Non-Recurring cost:**

Sl. No.	Items	Budget (in Rs.)			
		1 st Year	2 nd year	3 rd year	Total
A.	<i>Recurring</i>				
1.	Manpower				
2.	Consumables				
3.	Travel				
4.	Training Programme				
4.	Contingency				
5.	Overheads				
	<i>Total (A)</i>				
B.	<i>Non Recurring</i>				
1.	Equipment				
2.	Fabrication Costs				
	<i>Total (B)</i>				
	<i>Grand Total (A+B)</i>				

14. Details of Principal Investigator, Co Investigators and Affiliation

i. Principal Investigator	
Name	
Sex and Date of Birth	
Highest Qualification	
Designation	
Department	
Institute/University	
Complete Address with Pin Code	
Telephone and Fax Numbers	
Mobile Number	
E - Mail	
ii. Co Investigator	
Name	
Sex and Date of Birth	
Highest Qualification	
Designation	
Department	
Institute/University	

Complete Address with Pin Code	
Telephone and Fax Numbers	
Mobile Number	
E - Mail	

15. Project Area (Districts, Blocks & Villages to be covered):

Project Area : Rural/Urban/Peri Urban

Village (s) :

Block/Taluka :

District :

State :

PART II: TECHNICAL DETAILS OF PROJECT

1. Introduction

(Briefly describe about the area selected – urban, peri-urban, rural; distance from the implementing agency; demographic details of the target group etc; identification of the problems and suggested solution).

2. General Objectives

(Only 5 – 6 focused objectives that can be observed, measured or clearly assessable – Please define your objectives based on the following general objectives-please don not copy and reproduce the given general objectives)

- Provide technology for sustainable utilization of natural resources-for livelihood generation.
- To provide technological solutions to location specific problems faced by women
- Provide opportunities for better utilization of waste/byproducts for income generation
- Serve as a common platform for the cause of developing or deploying location specific technologies for women along with S&T institution local and elsewhere and wider dissemination of these technologies
- To establish inter linkages with R&D institutes for promotion & development of appropriate technologies.
- To organize discussion/workshop on women's problem.
- Up gradation of location specific indigenous technologies
- To develop individual and group entrepreneurship.
- To create network of women groups and facilitate income generation programmes.
- Development of Audio-Visual Aids for technology dissemination.
- Provide training, backward and forward linkages.

(Select any 5-6 objective you would like to focus on during the project duration- In a tabular form please indicate the actions to be undertaken to realize each of the objectives selected.) Convert the general objective selected into a specific one in context with your location.

3. Details of raw materials/local resources needed/available in the project and/or project area.

4. Methodology

a. Methodology (tools to be used and mechanism to involve target population - including number of training/workshops, duration, stipend if any)

5. Work Plan

- a. Work Plan (to achieve the desired objectives)
- b. Time schedule of activities giving milestones (pert chart)

6. Parameters to be used for evaluation of the impact

(Give details of Pre-intervention benchmark studies/surveys – in terms of employment generation, socioeconomics, quality of life, health and nutrition etc and anticipated outcome).

<i>Pre Intervention (Bench Mark)</i>	<i>Anticipated Outcome (likely deliverables)</i>

7. Comment on the possibilities of the activity becoming self-sustainable / marketing / buy back arrangements /Micro Enterprise Development etc *(give in terms of finite time including cost benefit analysis of the project)*

8. Trainings & Workshops

(Given details of trainings and workshops to be conducted for women /SHG's for deploying and dissemination of technologies for achieving the target objectives)

PART III: BUDGET ESTIMATE

BUDGET ESTIMATES - SUMMARY*

<i>Sl. No</i>	<i>Item</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
A	RECURRING				
1	Manpower				
2	Consumables				
3	Travel				
4	Training Programs				
5	Contingencies				
6	Institutional Overheads				
B	NON RECURRING				
1	Permanent Equipment				
2	Fabrication of Equipment				
3	Construction Costs Work Shed/CFC				
TOTAL					

*In case of collaboration with different institutions, separate budget requirements should be furnished

Adequate justification need to be provided for all the budget heads

A. RECURRING

1. BUDGET FOR MANPOWER

<i>Sl. No.</i>	<i>Designation</i>	<i>Budget (Rs)</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
2.					
TOTAL					

2. BUDGET FOR CONSUMABLES

<i>Sl. No</i>	<i>Consumables</i>	<i>Budget (Rs)</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
TOTAL					

3. BUDGET FOR TRAVEL

<i>Sl. No</i>	<i>Purpose</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.	Project Logistics				
2.	Field Activities				
3.	DST Review Meetings				
TOTAL					

4. BUDGET FOR TRAININGS

<i>Sl. No</i>	<i>Description of Trainings</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
TOTAL					

5. BUDGET FOR CONTINGENCIES

<i>Sl. No</i>	<i>Item</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
TOTAL					

6. BUDGET FOR OVER HEADS

<i>Sl. No</i>	<i>Item</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
TOTAL					

B. NON RECURRING

BUDGET FOR PERMANENT EQUIPMENT/STRUCTURES

<i>Sl. No.</i>	<i>Item</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.	Equipment				
2.	Construction Costs				
TOTAL					

PART IV: DETAILS OF THE IMPLEMENTING INSTITUTE

1. Description of the implementing agency (ies)

(In case of Voluntary Organizations/NGOs and Private Institutes please enclose copies of Registration Certificate/Trust Deed, Memorandum of Association including By-laws and Mandate, Audited statement of accounts for the last three years, Annual Report including activity profile for last three years.)

a. List of ongoing and completed projects during the last 10 years (enclose copies of sanction orders)

<i>Sl. No.</i>	<i>Title of the project</i>	<i>Name of funding agency</i>	<i>Status (Ongoing/Completed)</i>	<i>Amount (Rs lakh)</i>
1.				

b. Expertise available with the proposed investigating group/institution for implementing the project (describe briefly in not more than one page)

c. Infrastructure available land/building (including equipments) – enclose documentary proof.

2. a. Type of organization:

	<i>Implementing Org.</i>	<i>Collaborator</i>
Academic Institution		
Research Organization		
S&T Council		
Voluntary Organization		
Other (please specify)		

b. Collaboration if any, give details of institution(s)

{Linkages with S&T Institution (in case of NGOs clear cut commitment/letter of consent of S & T institution to be enclosed)}

<i>Sl. No.</i>	<i>Name of the Collaborator</i>	<i>Purpose</i>
1.		
2.		

DECLARATION/CERTIFICATION

It is certified that the project proposal titled "title of the project"

1. Has not been submitted to any other agency/agencies for financial support
2. The scale of pay, allowance, etc. proposed are those admissible to persons of corresponding status employed in the Institute/University/NGO/Voluntary Organization, and are in accordance with the guidelines on emoluments for research personnel as contained in (enclose guidelines if any in case of Central/State Government Institutions)
3. It is agreed that any research outcome or intellectual property right(s) on the invention(s) arising out of the project shall be taken in accordance with the instructions issued with the approval of the Ministry of Finance, Department of Expenditure
4. The institute welcomes participation of
Dr/Shri/Smt/Km..... as the Principal Investigator and
Dr/Shri/Smt/Km..... as the Co-Investigator for
the project and that in the unforeseen event of discontinuance by the Principal Investigator, the Co-Investigator will assume responsibility of the fruitful completion of the project (with due intimation to DST).

Signature of Executive Authority
of Institute/ University with Seal with date

1. Signature of Principal-Investigator with place and date

2. Signature of Co-Investigator place and date

BIODATA OF PRINCIPAL INVESTIGATOR

A. Name: B. Date of Birth
Whether belongs to
C. Institution D. SC/ST

E. Academic and professional career:

Academic career (From Graduation to highest qualification level indicating subject and area of specialization - Enclose copy of certificate of highest qualification):

Professional career:

F. Award/Prize/Certificate etc. won by the investigator:

G. Publication (Numbers only)

Details of Papers, Books, General Articles, Patents if any

H. (1) List of completed and ongoing projects

Sl. No.	Title of Project	Duration From to	Total Cost	Funding Agency
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(2)List of projects submitted

Sl. No.	Title of the project	Name of Organization	Status
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BIODATA OF CO INVESTIGATOR

A. Name: B. Date of Birth
 Whether belongs to
 C. Institution D. SC/ST

E. Academic and professional career:

Academic career (From Graduation to highest qualification level indicating subject and area of specialization - Enclose copy of certificate of highest qualification):

Professional career:

F. Award/Prize/Certificate etc. won by the investigator:

G. Publication (Numbers only)

Details of Papers, Books, General Articles, Patents if any

H. (1) List of completed and ongoing projects

Sl. No.	Title of Project	Duration From to	Total Cost	Funding Agency
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(2)List of projects submitted

Sl. No.	Title of the project	Name of Organization	Status
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CHECKLIST APPLICATIONS

Before submitting the application, please ensure that the proposal is complete in all respects as per the following list (Mark \checkmark in the box and include in the proposal)

Duly filled application form (complete with all Annexure) - 5 hard copies plus 1 soft copy on a CD	
Copy of valid Registration Certificate/Trust Deed, MOA with Bye Laws, Annual reports & audited accounts of the organization for previous 3 years - 1 set only	
Letter of Support and tie up with S&T institutions - Mandatory for NGO'S	
Endorsement from Head of Institute (original)	
Certificate from the Investigators (original)	
Letters of Collaboration	