



Special Call for Proposals on

Priority Agriculture Areas

22nd November - 22nd December, 2010

There is a great scope of technology innovation in the Indian Agri-biotech sector and it is important to identify, create and promote an enabling environment for development and commercialization of agribiotech products. Keeping in view the core mandate to provide an effective academia-company interface, DBT invites proposals under **Biotechnology Industry Partnership Program (BIPP)** for development of products and process to address the national needs of agri biotech sector.



Proposals may comprise one or more special elements in the area of focus as given under but not limited to:

Priority Agricultural Areas

1. Orphan crops like millets, legumes and tuber crops cultivated in dry farming and fragile environment.
2. Incorporation of resistance against biotic (preferably insect, pest and disease) and abiotic (preferably drought and salinity) in crop plants.
3. Biofortification of Crops.
4. Use of RNAi based gene silencing and cytoplasmic male sterility techniques to raise transgenic crops.
5. Use of molecular markers to tag genes of interest.
6. Accelerated breeding in crops through Marker Assisted Selection.

Other Priority crops/target traits

Crops of priority could be

Rice, Wheat, Maize, Sorghum, Pigeon pea, Chickpea, Moong bean, Groundnut, Mustard and other Horticulture and vegetable crops etc.

Emphasis may be given to development of GM hybrids and new varieties

Priority target traits in crop plants should be

Yield increase, enhanced quality and shelf life, engineering male sterility and development of apomixes.

Who can apply?

A single or consortia of Indian "for profit" company (ies) - Small, Medium or Large having DSIR* recognized in-house R&D unit(s). An Indian Company is defined as one which is registered under "The Indian Companies Act, 1956" and in which 51% (or more) of the ownership is held by Indian citizens (including NRIs).

The proposals can be submitted:

- by an Indian Company alone; or
- by an Indian Company along public sector R&D institution(s), organization(s), laboratory (ies), university (ies) etc.; or
- by a consortium of Indian Companies; or
- by a consortium of Indian Companies along with public sector R&D institution(s), organization(s), laboratory (ies), university (ies) etc.

(*Companies in the process of obtaining DSIR recognition may also apply along with the proof of application to DSIR. However, the final decision on such applications would be subject to their getting DSIR recognition)

How to Apply?

Proposals are required to be submitted online only. To submit a proposal online, **please Log on the BIRAP website (www.birapdbt.nic.in)**. Detailed guidelines are available at:

http://dbtindia.nic.in/uniquepage.asp?id_pk=680
<http://www.birapdbt.nic.in/programmes.php>

Company User Registration is open round the clock.
Online Proposal Submission would begin from 22nd November, 2010. No Hard Copy to be submitted, Proposals submitted online only would be considered.

For further details, please contact:

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Last date for Submission of Proposals:
22nd December, 2010