

**GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
HEAVY WATER BOARD**

Notice Inviting Expression of Interest (EOI)

EOI No: HWB/DDW/EOI/2017/02

**Invitation for proposals for participation from Academic institutions,
R&D Centers and commercial organizations for developmental activities on
Deuterium Depleted Water (DDW)**

Deuterium Depleted Water (DDW) is water containing deuterium concentration less than natural abundance. There are growing evidence which indicates that DDW can be used as an effective material in diverse areas such as Medicine, Health, Agriculture, Cosmetics etc. Developmental activities on application of DDW is a new research frontier, being explored in various countries. Bottled DDW is now being available in international market as Health Supplement. DDW is also being investigated for its efficacy in treatment of malignancy of cell tumor.

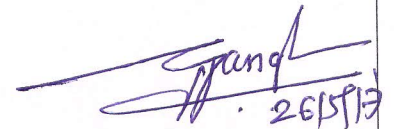
Heavy Water Board (HWB), Department of Atomic Energy, Government of India is the largest producer of DDW, which is a byproduct/secondary product of Heavy Water production. DDW produced by HWB can be used for research / commercial production.

Recognizing the growing potential of DDW, HWB intends to promote its use by collaborating with Medical & Healthcare organization, Academic Institutes, R&D centers and Commercial organizations. HWB shall provide DDW of required concentrations for these applications and drive the following programmes through appropriate agreement/collaborations.

- i. Research & Developmental work based on use of DDW.
- ii. Development of process and products using DDW as an ingredient
- iii. Commercial activities using DDW i.e. value addition and marketing of DDW products, subject to meeting the statutory and regulatory requirements of the country.

Details of eligibility criteria for participation in the above activities and other conditions are given in our website www.hwb.gov.in

Interested organizations are requested to submit their applications in duplicate with the details of the proposed work to be taken by them in this field at the following address. The last date for submission of "Expression of Interest" is 31st day of July 2017.


26/5/17

(G.H. Gangoor)
Director(Technical)
Heavy Water Board
Department of Atomic Energy

5th Floor, Vikram Sarabhai Bhavan,
Anushaktinagar, Mumbai-400094.
Tel : 022-25486511/25567847
Fax: 022-25563360/25563243
Email : ghgangoor@mum.hwb.gov.in

