



सीएसआईआर-हिमालय जैवसंपदा प्रौद्योगिकी संस्थान  
पालमपुर – 176 061 (हि.प्र.)  
CSIR-Institute of Himalayan Bioresource Technology  
Palampur – 176 061 (H.P.)



CSIR-IHBT invites Expression of Interest (EOI)

for

**“Diagnostic Marker for True Cinnamon Identification”**

Cinnamon contains metabolite coumarin which is harmful to human health. A high coumarin level increases the risk of liver damage or failure. *Cinnamomum verum* has a trace amount of coumarin about 0.004% in contrast to the up to 1% found in *Cinnamomum cassia*. Due to the morphologically similarity, *Cinnamomum cassia* is frequently used to adulterate true cinnamon (*C. verum*). CSIR-IHBT has developed PCR-based DNA marker which is specifically amplified in *Cinnamomum verum* with amplicon size 190bp, however, there is no amplification seen in the *C. cassia*. The DNA marker generated in this study can be employed as an efficient, economical, and reliable molecular marker for the identification of *Cinnamomum verum*.

Eoi is invited from interested industries/ SMIs/ Progressive Entrepreneurs for transfer of the above stated technology.

Application should include details of company profile and marketing strategies. The selected parties shall be called for discussions. Interested parties may send their Expression of Interest, in a sealed cover superscripting “Expression of Interest” addressed to

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OR

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