

TERMS OF REFERENCE (TOR) FOR HIRING SERVICES OF AN EXPERT FOR  
ESTABLISHMENT OF TWO CENTRES OF EXCELLENCE.  
UNDER HPHDP

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1. Project background:

The Government of Himachal Pradesh (GoHP) is implementing World Bank funded Himachal Pradesh Horticulture Development Project (HPHDP) that Project Implementing Agency i.e. H.P. Horticulture Development Society (HPHDS) now intends to apply a portion of this credit for engagement of an expert for establishment of two Centre of Excellence on co-terminus basis.

The project development objective (PDO) of the project is "to support small farmers and agro-entrepreneurs to increase the productivity, quality and market access of selected horticulture commodities in Himachal Pradesh".

2. The project comprises of four components i.e.:

Component A: Horticulture Production and Diversification.

Component B: Value Addition and Agri-enterprise Development

Component C: Market Development and sector stewardship

Component D: Project Management, Monitoring and Learning

Scope of the Work

One of component under the project is to establish two Centre's of Excellence: These centre's will act as demonstration hub for different fruit crops of temperate/sub temperate region like apples, cherry, pear, stone fruits, berries, nuts etc. and future profitable crops. In addition, this will also demonstrate production and post production technologies pertaining to potential ornamental bulbous crops like tulips, hyacinth, lillium etc. For adoption of sophisticated technology in the related

field, it is necessary to have these kind of centres to showcase advanced Horticultural technology for further commercialization.

Main activities to be developed at the centre's are:-

- Creation of State of art training facility for farmers /as well as officers with practical demonstrations in respect of Hill Horticulture.
- Establishment of mother stock of different temperate/Sub temperate fruit plant varieties as repository for adaptability evaluation.
- Setting up of demonstration plots (small) of Temperate fruit varieties on different rootstocks in different combination of spacing, training and pruning methods to demonstrate the ideal spacing training and pruning methods.
- Plantation of potential future crops (Berries, Currants, Figs, nut crops Hazelnut, Walnut, Prunes orchids, etc.)
- Demonstration of high density plantation with proper trellis system, hail net, drip irrigation system etc.
- Commercial root stock production and plant production nursery in respect of major temperate fruit crops.
- Establishment of Indian made Poly carbonate permanent greenhouse structures and one propagation chamber.
- Establishment of Ornamental Plant Nursery section
- Establishment of Ornamental Grass/Temperate cool season lawn grass block for the purpose of seed production and turf selling
- A Bulbous plant and flowering herbaceous plant garden in an area of one hectare to be covered with latest cv. of ornamental bulbous and others

along with temperate landscape trees, shrubs, climbers and herbaceous perennials etc.

### Essential Qualifications

#### 1. Educational Qualification

The Expert should be post graduate in Pomology/Fruit Science/ Fruit Breeding from a recognized university.

#### 2. Working Experience

A minimum of 10 years of professional experience in the field of horticulture specifically on temperate and sub temperate fruits.

### Desirable Qualifications and Experience

#### 1. Educational Quali

- Experience of providing technical support to and capacity building of organization with strong analytical skills, and the ability to synthesize complex concepts and to communicate them effectively.
- Good communication and social skills; the applicant must show initiative, synthesis, organization and personal dynamism, as well as capacity to work with teams and prepare adequate planning and activity reports;

### Computer Skills

The Expert must have the proven experience of using Internet based applications, using and working with advanced word processing/spreadsheet including MS Word, MS Excel and MS Power Point and other related applications.

### Key Job Responsibilities

Key job responsibilities will cover following major activities under the project

1. The principal task will be to implement the project plan in consultation with the Project staff in a stipulated time frame.
2. The expert will be responsible for the following:
  - a. Implementation of the Project Plan (PIP): The expert will be responsible for establishment of COE's within a time bound action plan, as per the WB guidelines.
  - b. Liaise with other stakeholders: The expert will be responsible for interacting with key project stakeholders to seek their feedback on the implementation plan and finalize the implementation.
3. The expert will work closely with the project implementation team and other related service providers hired in the project for implementation of the Project Plan.

### **Methodology and Steps**

The assignment will mostly in a field job. The Expert is expected to provide advice and help in preparation of plans while the execution is to be carried out through officers of horticulture department posted at these COEs. His/ Her experience is also to be utilized to connect with different ICAR Institutes, Universities, Departments, suppliers to procure different kinds of germplasm.

### **Travel Requirements**

The expert will be required to undertake field-visits and tours as per the project requirements.

### **Reporting and Performance Review**

The expert will report to the General Manager(HP-NMS). The work and performance of the expert shall be reviewed by the Project Director on periodic basis.

### **Time Frame**

Initially the contract will be for two years which may be extended up to project period depending upon the performance of the applicant.

**REMUNERATION AND PAYMENT TERMS:**

A fixed monthly consolidated remuneration/ consultancy fee of Rs 95,000/- will be paid to the incumbent and this monthly remuneration/fee shall be subject to applicable Taxes. However, in case of retired Government/Public Sector Employees Remuneration will be fixed based on the principle of last monthly pay-drawn (Gross Pay) minus the pension as per the policy of the State Government.

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