

Himachal Pradesh Horticulture Development Project, India

IDA-Cr.5838 IN

Floating of Enquiries (year 2017-18)

Supply of improved plant material comprising of Rootstocks, Grafted Whip plants, Spring buds (spring budded trees) and sleeping buds(fall budded trees) of Nursery Fruit plants of Apple, Pear, Cherry, Plum, Prune, Peach, Nectarine, Apricot and Walnut.

Ref : PROC/HPHDP/A/PCU- Planting material -2

Date: March, 2017

1. The Government of Himachal Pradesh has received financing from the World Bank toward the cost of the Himachal Pradesh Horticulture Development Project (HPHDP) and the project implementing entity of the Government i.e. Himachal Pradesh Horticulture Development Society (HPHDS) intends to apply part of the proceeds for Supply of improved plant material comprising of grafted whip, Spring budded trees and sleeping buds (Fall budded trees) fruit plants of Apple, Pear, Cherry, Apricot, Plum, Peach Nectarine and walnut.
2. The Project Director: Himachal Pradesh Horticulture Development Project, invites prospective nurseries / firms to indicate their interest in supply of improved plant material comprising of grafted whip, sleeping buds and spring buds nursery fruit plants of Apple, Pear, Cherry, Apricot, Plum, Peach Nectarine and walnut:
3. Responses are invited from reputed Nurseries for the availability and supply of **Rootstocks, whip plants, Spring Buds(Spring budded trees) and sleeping buds (Fall budded trees) in January or February 2018, 2019 and 2020** for supply of **Apple, Pear, Cherry, Plum, Prune, Apricot, Peach, Nectarine and Walnuts etc.** Variety wise requirement is given in attached –Annexure-1 of the FOE document or may be obtained through E-mail:hphdpsml@gmail.com, pdhphdp@gmail.com
4. It is expected that invitations to bid for supply during spring season 2018 will be made in the month of April, 2017.
5. Procurement will be conducted through the procedures as specified in the World Bank's [Guidelines: Procurement under IBRD Loans and IDA Credits](#), January 2011, Revised July 2014 and is open to all eligible bidders as defined in the guidelines.
6. Interested eligible Nurserymen may obtain additional information, and can inspect the documents, in the office of the "Project Director, Himachal Pradesh Horticulture Development" at the address below during office hours, i.e. **1000 to 1700 hours**. Documents in English can be downloaded from the website: www.hpmc.nic.in and UNDB Website: www.devbusiness.com.
7. Applications complete in all respect for the supply of planting material during **January, February 2018** should be submitted in clearly marked envelopes or through mail given below latest by **[15.00 hrs] on [10-04-2017]**.

Name of Office:-

Attention: **Project Director, Himachal Pradesh Horticulture Development Project**
Dyerton Bizhub, Talland Bypass

City: **Shimla (Himachal Pradesh)**

Zip Code: **171001**

Country: **India**

Telephone: - **91-0177-2674465**

Facsimile number: **91-0177-2623834**

Electronic mail address: pdhphdp@gmail.com / hphdpsml@gmail.com

FLOATING OF ENQUIRES

SUPPLY OF ROOTSTOCKS, BUDDED/GRAFTED WHIP PLANTS, SPRING BUDS (SPRING BUDDED TREES) AND SLEEPING BUDS (FALL BUDDED TREES) DURING JANUARY, FEBRUARY 2018, 2019 AND 2020 OF APPLE, PEAR, CHERRY, PLUM, PRUNE, APRICOT, PEACH, NECTARINE AND WALNUTS.

**HIMACHAL PRADESH HORTICULTURE DEVELOPMENT SOCIETY,
Dyerton Bizhub, Talland Bypass, Shimla 171 001**
Telephone:91- 0177- 2674465, 2623834-Fax
E-mail:hphdpsml@gmail.com

ABBREVIATIONS

CIF-	Cost, Insurance and Freight
CIP-	Carriage and Insurance Paid to
FOE	Floating of Enquiries
JV	Joint Venture
SBD-	Standard Bidding Document

GLOSSARY

- Joint venture** An ad hoc association of firms that pool their resources and skills to undertake a large or complex contract in the role of “Contractor,” with all firms (partners in the JV) being legally liable, jointly and severally, for the execution of the contract in the event of a partner’s withdrawal.
- Nurseryman:** Any person/firm engaged in production and sale of fruit plants
- Plant material:** A propagation material used in raising the plants & include bud wood, scion, rootstock, seeds and cuttings
- Clonal Rootstock:** A clonal rootstock is a vegetatively propagated or cloned rootstock as opposed to a germinated seedling rootstock
- Scion or Bud wood:** A part of the plant which is used for grafting or budding on a rootstock or tree.
- Sleeping buds:** Rootstocks budded during months of August, September of the year.
- Spring buds:** Rootstocks budded during spring season of the year.

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PART-I

A- QUALIFICATION CRITERIA, TERMS AND CONDITIONS AND TECHNICAL SPECIFICATIONS

Eligibility criteria:

Only reputed nurserymen who are producing nursery of fruit plants should respond to FOE and may send the catalogue of varieties of different fruit plants grown in their nurseries. Experience of production and supply of quality nursery plants with clients proof of satisfactory performance of similar job in last five years fruit plants should be furnished.

Any Indian or foreign based nurseries having registered office in India, who have any pending disputes with the fruit growers, fruit growers associations or fruit growers society of any of the state on account of supply of sub standard plant material shall not be eligible for submitting response to the FOE.

Terms and Conditions and Technical Specifications

1. The nurseryman should have 'Phyto-sanitary Certificate' and 'certificate of Origin' issued by the concerned competent authority at the time of supply of the planting material.
2. The caliper of Rootstocks should be 9-12mm thickness and grafted plants should have thickness of between 16 to 19 mm.
3. The plants should be free from soil.
4. The varietal Character of the fruit plants to be supplied should conform to the established variety as mentioned in the catalogue.
5. The nurseryman should have complete record of progeny trees i.e. the source of scion wood
6. The bud wood should have been taken from the regularly good performing productive mother trees.
7. The rootstock and scion wood should be free from all known viruses.
8. The scion wood should be from known pedigree trees of established variety.
9. The nursery plants should have good rooting system conforming to the rootstock used.
10. The plants should not have any sign of cracks/wound or any winter injury.
11. The supplier shall at all times indemnify the purchaser, free of cost, against all third- party claims of infringement of patent rights for the plant material which is protected in the country of origin; arising from use of the said material or any part thereof in India.
12. In the event of appearance of virus on the fruit plants supplied under the contract within one year from the supply, the cost of virus infested plants will be recovered from the performance security of the bidder.
13. The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to the final destination. The packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, humid weather and precipitation during transit and open storage. The size and weight of the packing cases shall also take into consideration, wherever applicable, the available inland mode (s) of transport in India, the remoteness of final destination and the absence of mechanical handling facilities. Further, limitations and/ or mandatory instructions, if any in the weight, volume and size of the packages shall also be taken care of. The

14. The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements if any, as shall be expressly provided for in the contract as per the subsequent instructions given by the purchaser.
15. **Packing instruction:** Each package will be marked by the supplier at its own expense, on three sides with indelible ink/paint, with the following details:
 - a) Contract No. and date
 - b) Name and address of the consignee
 - c) Name and address of the supplier
 - d) Brief description of goods
 - e) Gross weight and outer dimension of the package
 - f) Country of origin of goods
 - g) Packing list reference no, and
 - h) Any other requirement, relevant to the contract.
16. **Delivery of goods.** Delivery of goods shall be made by the supplier in accordance with the terms specified by the purchaser at the time of invitation of bids.

The goods supplied under this contract shall conform to the standards mentioned in the 'Technical Specifications' authoritative standards as applicable to the goods' in the country of origin.
17. **Insurance:** The goods supplied under the contract, shall be fully insured in a freely convertible currency against loss or damage acquisition during transportation, storage and delivery as indicated and the supplier shall arrange and pay for the cargo insurance, naming the purchaser as the beneficiary.
18. **Guarantee** The supplier shall provide comprehensive guarantee for a period of one year from the date of final acceptance of the supplies in good conditions & as per the technical specifications. It is again emphasized that there should not be any incidence of virus infection during PEQ (post entry quarantine) and in case the infection occurs during this period, then the cost of affected plants shall be deducted from the performance security.
19. Client in its sole exclusive discretion may reject any or all the responses with or without assigning reasons and can withdraw this FOE at any time before or after the submission of responses.
20. **The Spring buds (spring budded trees) and sleeping buds (fall budded trees)** may preferably be transported by air.
21. **Transportation through sea route:** - Temperature inside the containers carrying planting material through sea route should be in the range of 1to 2°C. **Each container should have three data loggers i.e. one at the entry or door side of the containers second in the middle of containers and third one at the rear end or driver side of the containers.** The shipment should have facility of online tracking system to monitor temperature and humidity inside the containers. The packing of live planting material inside the containers should be undertaken in such a manner that will ensure air circulation at all levels having optimum humidity conditions.
22. No transshipment of planting material shall be allowed for inland transport. The same refrigerated containers being used by the supplier for carriage of plants through sea rout shall be employed for inland transportation up to the final destination. This will ensure non-exposure of plants to the higher temperature.

- 23. Unloading of planting material from containers:** - The containers will be opened on arrival at final destination in the presence of representative of supplier to ensure that planting material is in good condition and free from pests and diseases and also data loggers will be opened in his presence and all observation of the data loggers will be recorded by the inspection committee. In case there is rise in temperature inside the containers recorded on data loggers above permissible limits, the consignment may be rejected or penalty may be imposed.
- 24.** The planting material should have ample rooting, which is an important factor for sprouting when planted in the field. The client will ensure optimum growing conditions and representative of nurseryman should be available at the plantation sites to guide the staff during planting of the imported material to ensure maximum survival of plants in nurseries. However, in case plants do not survive uniformly within one month of plantation, proportionate cost shall be deducted from the 10% payment as per payment schedule.

**_*_*_*_*_*_*_

APPLICATION FORMS

S.No.	Table of Forms	Page No.
1.	Covering Letter	10
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COVERING LETTER

Date: *[insert day, month, year]*

To:

**The Project Director,
Himachal Pradesh Horticulture Development Project
Dyerton Bizhub, Talland Bypass
Himachal Pradesh, Shimla (India), 171001**

We, the undersigned, apply to be for the referenced and declare that:

- (a) we understand that you may cancel the process at any time and that you are neither bound to accept any application that you may receive nor to invite the long listed applicants to bid for the contract subject of this FOE, without incurring any liability to the Applicants,
- (b) The Project Director and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this application, and to seek clarification from our bankers and clients regarding any financial and technical aspects. This Application Submission Form will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information to provide such information deemed necessary and as requested by you to verify statements and information provided in this application, such as the resources, experience, and competence of the Applicant.
- (c) the Project Director and its authorized representatives may contact the following persons for further information¹

General and managerial inquiries	
Contact 1	Address and communication facilities
Contact 2	Address and communication facilities
Technical inquiries	
Contact 1	Address and communication facilities
Contact 2	Address and communication facilities
Financial inquiries	
Contact 1	Address and communication facilities
Contact 2	Address and communication facilities

Signature(s)

[Name of an authorized representative(s) of the Applicant]
[Full name of person signing the application]

In the Capacity of

[insert capacity of person signing the application] authorized to sign the application for and on behalf of:

Applicant's Name

[Insert full name of Applicant]

Address

[insert street number/town or city/country address]

Dated on

[insert day number] day of [insert month], [insert year]

¹ Applications by joint ventures should provide on a separate sheet equivalent information for each joint venture participant.

APPLICANT/NURSERYMAN INFORMATION FORM

Date: *[insert day, month, year]*

Page *[insert page number]* of *[insert total number]* pages

1. Enquires No
2. Name of Nursery
3. Name & address of Nursery Man
4. Location of Nursery
5. Status:
 - a. Are you registered with certification Agency of your country of origin
 - b. If so validity of registration & name of Agency

Please attach certified copy (copies) of the relevant registration certificate(s) in confirmation to your above answer (s).

6. Please indicate

Name & Full address of your Banker(s)

7. Whether you are:
 - a. Producer & supplier of plants
 - b. Authorized agent for the supply of these plants
8. State whether business dealings with you have been currently banned by any country

Signature of Nurseryman/
authorized representative
Full name, designation & Address of the
persons signing above for and on behalf of
M/s. _____
(Name and address of the bidding firm/
Nurseryman)

Signature of witness:

Name & Address of the Witness.

APPLICANT/ NURSERYMAN'S DETAIL OF MOTHER/PROGENY TREES

[Date: [insert day, month, year]]

Page [insert page number] of [insert total number] pages

General Information:

(i) Location of Headquarter:

(ii) Date and Country of incorporation:

(iii) Detail of the Farm (S)

a. Location :-

b. Area (Hect.)

(vi) Detail of progeny tree & its average yearly production for last three years:

S.N.	Kind of Progeny tree	Variety	Age of the tree	Average yield of the tree during last three years		

DETAIL OF NURSERY PLANTS AVAILABLE FOR SUPPLY DURING SPRING 2018

Date: [insert day, month, year]

Page [insert page number] of [insert total number]

pages

S.N.	Plant material required	Fruit crop		Kind of Rootstock	Qty/No. available for supply	
A.	Clonal rootstocks					
B	Grafted Whip plants(one year old)	Fruit crop	Variety/cultivar	Rootstock grafted on	Age of nursery plants	Qty/No. available for supply
C	Grafted Sleeping buds(sleeping eye trees)	Fruit crop	Variety/cultivar	Rootstock grafted on	Qty/No. available for supply	
D	Grafted Spring buds	Fruit crop	Variety/cultivar	Rootstock grafted on	Qty/No. available for supply	

Signature and seal of Nurseryman

Date.....

Address

APPLICANT'S PARTY INFORMATION FORM

[The following form shall be filled in for the Applicant's parties including partner(s) of a joint venture, subcontractors, suppliers and other parties]

Date: [insert day, month, year]

Page [insert page number] of [insert total number] pages

JV Applicant legal name:
Applicant's Party legal name:
Applicant's Party country of registration:
Applicant Party's year of constitution:
Applicant Party's legal address in country of constitution:
Applicant Party's authorized representative information Name: Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i>
Attached are copies of original documents of: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Articles of Incorporation or Documents of Constitution, and Registration Documents of the legal entity named above <input type="checkbox"/> In case of a Government owned entity, documents establishing legal and financial autonomy and compliance with commercial law,

FINANCIAL SITUATIONS

[The following table shall be filled in for the Applicant and for each partner of a Joint Venture]

Applicant’s Legal Name: *[insert full name]* Date: *[insert day, month, year]*

Applicant’s Party Legal Name: *[insert full name]*

Page *[insert page number]* of *[insert total number]* pages

1. Financial data

Financial information in (US\$ equivalent in 000s)	Historic information for previous <i>_[insert number] years,</i> <i>[insert in words]</i> (US\$ equivalent in 000s)				
	Year 1	Year 2	Year 3	Year ...	Year n
Information from Balance Sheet					
Total Assets (TA)					
Total Liabilities (TL)					
Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Profits After Taxes (PAT)					

2. Financial documents

The Applicant and its parties shall provide copies of the balance sheets and/or financial statements for *[number]* years pursuant to “Qualifications Criteria and Requirements”, The financial statements shall:

- (a) reflect the financial situation of the Applicant or partner to a JV, and not sister or parent companies.
- (b) be audited by a certified accountant.
- (c) be complete, including all notes to the financial statements.
- (d) correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

Attached are copies of financial statements (balance sheets, including all related notes, and income statements) for the *[number]* years required above; and complying with the requirements

SIMILAR SECTOR EXPERIENCE/ MAJOR CONTRACT OR SUPPLY OF NURSERY PLANTS MADE IN PREVIOUS YEARS:-

[The following table shall be filled in for contracts performed by the Applicant, each partner of a Joint Venture, and Specialist Subcontractors]

Applicant's/Joint Venture Partner's Legal Name: *[insert full name]*
 Date: *[insert day, month, year]*
 JV Party Name: *[insert full name]*
 Page *insert page number* of *[insert total number]* pages

[Identify contracts that demonstrate the kind and numbers of nursery plants supplied over the past [number] years pursuant to Qualification Criteria and Requirements, List contracts chronologically, according to their commencement (starting) dates.]

Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i>	Information		
Contract Identification	<i>_[insert contract name and number, if applicable]_</i>		
Supply order placed (date)	<i>_[insert day, month, year, i.e., 15 June, 2015]_</i>		
Nursery plants supplied(date)	<i>_[insert day, month, year, i.e., 03 October, 2017]_</i>		
Role in Contract <i>[check the appropriate box]</i>	Nurseryman <input type="checkbox"/>	Financial Manager in Nursery <input type="checkbox"/>	Technical Manager in Nursery <input type="checkbox"/>
Total Contract Amount (nursery plants supplied)	<i>__ [insert total contract amount in local currency] __</i>		US\$ <i>__ [insert total contract amount in US\$ equivalent]</i>
If partner in a JV, or subcontractor, specify participation in total contract amount	<i>[insert a percentage amount]</i> _____	<i>[insert total contract amount in local currency]</i> _____	<i>[insert total contract amount in US\$ equivalent]</i> _____
Employer's Name:	<i>__ [insert full name] __</i>		
Address:	<i>[indicate street / number / town or city / country]</i>		
Telephone/fax number	<i>[insert telephone/fax numbers, including country and city area codes]</i>		
E-mail:	<i>[insert e-mail address, if available]</i>		

PART-II**DETAIL OF PLANTING MATERIAL**

Rootstock (1), Grafted Whip Plants (2) spring buds (3) and Sleeping buds (4) of Apple, Pear, Cherry, Plum, Prunes, Apricot, Peach, Nectarine and Walnuts for supply during the January, February 2018, 2019 and 2020

1. ROOTSTOCKS

S. No.	Kind of fruit	Kind of rootstock	Quantity required (No.)		
			2018	2019	2020
1	Apple (Dwarfing rootstocks)	EMLA 9	0	10000	15000
		G-214	10000	10000	10000
		G-41	10000	10000	10000
		G-11	10000	5000	5000
		Sub-Total	30000	35000	40000
	Apple (Semi dwarfing rootstocks)	EMLA 106	0	10000	10000
		G-210	35000	35000	35000
		G-890	35000	35000	35000
		Sub-Total	70000	80000	80000
	Apple (Semi vigorous rootstocks)	EMLA 111	0	70000	70000
Sub-Total		0	70000	70000	
	Total (Apple)		100000	185000	190000
2	Pear	OHF-333		7500	7500
		BA-29		6500	6500
		Pyrodwarf		6500	6500
		OHF-97		7500	7500
		OHF-87		7500	7500
		Sub-Total	0	35500	35500
3	Cherry	Gisella-5		5000	5000
		Gisella-6		5000	5000
		Gisella-12		5000	5000
		Sub-Total	0	15000	15000
4	Apricot	Citation		16000	16000
		Ishtara		16000	16000
		Sub-Total	0	32000	32000
5	Plum	Pixy		15000	15000
		Myran		15000	15000
		Myrobalan		17000	17000
		Sub-Total	0	47000	47000
6	Peach	Rubira		15000	15000
		Jaspi		15000	15000
		Controllor-5		16500	16500
		Controllor-6		16500	16500
		Sub-Total	0	63000	63000
	Grand Total		100000	377500	382500

2. WHIP PLANTS

S. No.	Fruit Plant	Kind of variety	Preferred Rootstocks	Quantity of whip plants required (No.)		
				2018	2019	2020
1	Apple	Schlect spur	EMLA-111	20000	20000	20000
			EMLA 106	5000	5000	5000
			G-214	1000	1000	1000
			G-41	500	500	500
			G-11	500	500	500
			G-210	1500	1500	1500
			G-890	1500	1500	1500
		Adams Apples	EMLA-111	11500	11500	11500
			EMLA 106	5000	5000	5000
			G-214	500	500	500
			G-41	500	500	500
			G-11	500	500	500
			G-210	1000	1000	1000
			G-890	1000	1000	1000
		Chelan Spur	EMLA-111	11500	11500	11500
			EMLA 106	5000	5000	5000
			G-214	500	500	500
			G-41	500	500	500
			G-11	500	500	500
			G-210	1000	1000	1000
			G-890	1000	1000	1000
		King Roat	EMLA-111	7000	7000	7000
			EMLA 106	2000	2000	2000
			G-214	500	500	500
			G-41	500	500	500
			G-11	500	500	500
			G-210	1000	1000	1000
			G-890	1000	1000	1000
		Royal Red Honey Crisp	EMLA-111	7000	7000	7000
			EMLA 106	2000	2000	2000
			G-214	500	500	500
			G-41	500	500	500
			G-11	500	500	500
			G-210	1000	1000	1000
			G-890	1000	1000	1000
		Jeromine	EMLA-111	5000	5000	5000
			EMLA 106	3500	3500	3500
			EMLA-9	15000	15000	15000
			G-214	1500	1500	1500
			G-41	1500	1500	1500
			G-11	1500	1500	1500

	G-210	1000	1000	1000
	G-890	1000	1000	1000
Red Velox	EMLA-111	3000	3000	3000
	EMLA 106	4000	4000	4000
	EMLA-9	3000	3000	3000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Super Chief	EMLA-111	5500	5500	5500
	EMLA- 9	1000	1000	1000
	G-214	500	500	500
	G-41	500	500	500
	G-11	500	500	500
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Scarlet Spur-II	EMLA-111	5500	5500	5500
	EMLA 106	1000	1000	1000
	G-214	500	500	500
	G-41	500	500	500
	G-11	500	500	500
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Buck Eye Gala	EMLA-111	5500	5500	5500
	EMLA 106	1500	1500	1500
	EMLA- 9	3000	3000	3000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Gala Schniga SchiniCo(s)	EMLA-111	5500	5500	5500
	EMLA 106	1500	1500	1500
	EMLA- 9	3000	3000	3000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Redlum Gala	EMLA-111	5500	5500	5500
	EMLA 106	1500	1500	1500
	EMLA- 9	3000	3000	3000
	G-214	1000	1000	1000

			G-41	1000	1000	1000
			G-11	1000	1000	1000
			G-210	1000	1000	1000
			G-890	1000	1000	1000
		Galaval	EMLA-111	3500	3500	3500
			EMLA 106	2000	2000	2000
			EMLA- 9	2000	2000	2000
			G-214	1000	1000	1000
			G-41	1000	1000	1000
			G-11	1000	1000	1000
			G-210	1000	1000	1000
			G-890	1000	1000	1000
		Auveil Early Fuji	EMLA-111	2000	2000	2000
			EMLA 106	1500	1500	1500
			EMLA- 9	1500	1500	1500
			G-214	500	500	500
			G-41	500	500	500
			G-11	500	500	500
			G-210	500	500	500
			G-890	500	500	500
		Total		225000	225000	225000
2	Pear	Canal Red	OHF Series 333	1400	1400	1400
			OHF Series 97	1050	1050	1050
			OHF Series 87	1050	1050	1050
		Abate fetel	OHF Series 333	1400	1400	1400
			OHF Series 97	1050	1050	1050
			OHF Series 87	1050	1050	1050
		Tosca	OHF Series 333	1200	1200	1200
			OHF Series 97	900	900	900
			OHF Series 87	900	900	900
		Norma	OHF Series 333	1200	1200	1200
			OHF Series 97	900	900	900
			OHF Series 87	900	900	900
		Yale	OHF Series 333	1200	1200	1200
			OHF Series 97	900	900	900
			OHF Series 87	900	900	900
		Orcas	OHF Series 333	1200	1200	1200
			OHF Series 97	900	900	900
			OHF Series 87	900	900	900
		Columbia Red Anju	OHF Series 333	2000	2000	2000
			OHF Series 97	1500	1500	1500
			OHF Series 87	1500	1500	1500
		Turandot	OHF Series 333	2000	2000	2000
			OHF Series 97	1500	1500	1500

			OHF Series 87	1500	1500	1500		
	Sub total			29000	29000	29000		
3	Cherry	Firm Red	Gisela-5	1250	1250	1250		
			Gisela-6	1250	1250	1250		
		Royal Lee	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Minnie Royal	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Attika	Gisela-5	1000	1000	1000		
			Gisela-6	1000	1000	1000		
		Tieton	Gisela-5	1000	1000	1000		
			Gisela-6	1000	1000	1000		
		Ulster	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Chelan	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Compact Stella	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Santina	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Ebnoy Pearl	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Burgundy Pearl	Gisela-5	1000	1000	1000		
			Gisela-6	1000	1000	1000		
		Celeste	Gisela-5	1000	1000	1000		
			Gisela-6	1000	1000	1000		
	Sub total			21000	21000	21000		
4	Apricot	Blemheim	Citation	500	500	500		
			Ishtara	500	500	500		
		Early Gold	Citation	500	500	500		
			Ishtara	500	500	500		
		Gold Kist	Citation	500	500	500		
			Ishtara	500	500	500		
		Katy	Citation	500	500	500		
			Ishtara	500	500	500		
		Rival	Citation	500	500	500		
			Ishtara	500	500	500		
			Sub total			5000	5000	5000
		5	Plum	Angelino	Pixy	150	150	150
					Myran	150	150	150
					Myrobalan	150	150	150
Black splendor	Pixy			200	200	200		
	Myran			200	200	200		
	Myrobalan			150	150	150		

	Black Amber	Pixy	250	250	250	
			Myran	250	250	250
			Myrobalan	250	250	250
		Duarte-2	Pixy	250	250	250
			Myran	250	250	250
			Myrobalan	250	250	250
	Sub total		2500	2500	2500	
	Prunes	Stanley	Pixy	250	250	250
			Myran	250	250	250
			Myrobalan	250	250	250
		Long John	Pixy	250	250	250
			Myran	250	250	250
			Myrobalan	250	250	250
	Sub total		1500	1500	1500	
6	Peach	Earlyrich	Rubira	500	500	500
			Jaspi	500	500	500
			Controller-5	500	500	500
			Controller-6	500	500	500
		Desiree	Rubira	500	500	500
			Jaspi	500	500	500
			Controller-5	500	500	500
			Controller-6	500	500	500
		Cresthaven	Rubira	500	500	500
			Jaspi	500	500	500
			Controller-5	500	500	500
			Controller-6	500	500	500
		Sub total		6000	6000	6000
		7	Nectarine	Red Chief	Rubira	250
Jaspi	150				150	150
Controller-5	150				150	150
Controller-6	150				150	150
Cavalier	Rubira			150	150	150
	Jaspi			150	150	150
	Controller-5			150	150	150
	Controller-6			150	150	150
Sunglo	Rubira			150	150	150
	Jaspi			150	150	150
	Controller-5			150	150	150
	Controller-6			150	150	150
Redglo	Rubira			150	150	150
	Jaspi			150	150	150
	Controller-5	150	150	150		
	Controller-6	150	150	150		
Sub total		2500	2500	2500		

8	Walnut	Chandler	Black walnut seedling	1000	1000	1000	
			Paradox clonal Rootstocks	500	500	500	
		Chico	Black walnut seedling	500	500	500	
			Paradox clonal Rootstocks	500	500	500	
		Tulare	Black walnut seedling	1000	1000	1000	
			Paradox clonal Rootstocks	500	500	500	
		Gillet	Black walnut seedling	500	500	500	
			Paradox clonal Rootstocks	500	500	500	
		Cisco	Black walnut seedling	500	500	500	
			Paradox clonal Rootstocks	500	500	500	
		Howard	Black walnut seedling	1000	1000	1000	
			Paradox clonal Rootstocks	500	500	500	
		Sub total			7500	7500	7500
		Total			300000	300000	300000

3. Spring Buds (Spring Budded Trees)

S. No.	Fruit Plant	Kind of variety	Preferred Rootstocks	Quantity of spring bud plants required (No.)		
				2018	2019	2020
1	Apple	Schlect spur	EMLA-111	24000	24000	24000
			EMLA 106	10000	10000	10000
			G-214	1000	1000	1000
			G-41	1000	1000	1000
			G-11	1000	1000	1000
			G-210	1500	1500	1500
			G-890	1500	1500	1500
		Adams Apples	EMLA-111	15000	15000	15000
			EMLA 106	5000	5000	5000
			G-214	1000	1000	1000
			G-41	1000	1000	1000
			G-11	1000	1000	1000
			G-210	1000	1000	1000

	G-890	1000	1000	1000
Chelan Spur	EMLA-111	15000	15000	15000
	EMLA 106	5000	5000	5000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	1000	1000	1000
	G-890	1000	1000	1000
King Roat	EMLA-111	15000	15000	15000
	EMLA 106	5000	5000	5000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Royal Red Honey Crisp	EMLA-111	15000	15000	15000
	EMLA 106	5000	5000	5000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Jeromine	EMLA-111	10000	10000	10000
	EMLA 106	5000	5000	5000
	EMLA-9	12000	12000	12000
	G-214	2000	2000	2000
	G-41	2000	2000	2000
	G-11	2000	2000	2000
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Red Velox	EMLA-111	5000	5000	5000
	EMLA 106	5000	5000	5000
	EMLA-9	7500	7500	7500
	G-214	1500	1500	1500
	G-41	1500	1500	1500
	G-11	1500	1500	1500
	G-210	1500	1500	1500
	G-890	1500	1500	1500
Super Chief	EMLA-111	7000	7000	7000
	EMLA- 9	4500	4500	4500
	G-214	500	500	500
	G-41	500	500	500
	G-11	500	500	500
	G-210	1000	1000	1000

	G-890	1000	1000	1000
Scarlet Spur-II	EMLA-111	7000	7000	7000
	EMLA 106	4500	4500	4500
	G-214	500	500	500
	G-41	500	500	500
	G-11	500	500	500
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Buck Eye Gala	EMLA-111	10000	10000	10000
	EMLA 106	5000	5000	5000
	EMLA- 9	5000	5000	5000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Gala Schniga SchiniCo(s)	EMLA-111	10000	10000	10000
	EMLA 106	5000	5000	5000
	EMLA- 9	5000	5000	5000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	1000	1000	1000
	G-890	1000	1000	1000
Redlum Gala	EMLA-111	9000	9000	9000
	EMLA 106	4000	4000	4000
	EMLA- 9	3000	3000	3000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	500	500	500
	G-890	500	500	500
Galaval	EMLA-111	9000	9000	9000
	EMLA 106	4000	4000	4000
	EMLA- 9	3000	3000	3000
	G-214	1000	1000	1000
	G-41	1000	1000	1000
	G-11	1000	1000	1000
	G-210	500	500	500
	G-890	500	500	500
Auveil Early Fuji	EMLA-111	1000	1000	1000
	EMLA 106	1000	1000	1000

			EMLA- 9	500	500	500		
			G-214	500	500	500		
			G-41	500	500	500		
			G-11	500	500	500		
			G-210	500	500	500		
			G-890	500	500	500		
	Total			325000	325000	325000		
2	Pear	Canal Red	OHF Series 333	1400	1400	1400		
			OHF Series 97	1050	1050	1050		
			OHF Series 87	1050	1050	1050		
		Abate fetel	OHF Series 333	1400	1400	1400		
			OHF Series 97	1050	1050	1050		
			OHF Series 87	1050	1050	1050		
		Tosca	OHF Series 333	1200	1200	1200		
			OHF Series 97	900	900	900		
			OHF Series 87	900	900	900		
		Norma	OHF Series 333	1200	1200	1200		
			OHF Series 97	900	900	900		
			OHF Series 87	900	900	900		
		Yale	OHF Series 333	1200	1200	1200		
			OHF Series 97	900	900	900		
			OHF Series 87	900	900	900		
		Orcas	OHF Series 333	1200	1200	1200		
			OHF Series 97	900	900	900		
			OHF Series 87	900	900	900		
		Columbia Red Anju	OHF Series 333	2000	2000	2000		
			OHF Series 97	1500	1500	1500		
			OHF Series 87	1500	1500	1500		
		Turandot	OHF Series 333	2000	2000	2000		
			OHF Series 97	1500	1500	1500		
			OHF Series 87	1500	1500	1500		
			Sub total			29000	29000	29000
		3	Cherry	Firm Red	Gisela-5	1250	1250	1250
					Gisela-6	1250	1250	1250
Royal Lee	Gisela-5			750	750	750		
	Gisela-6			750	750	750		
Minnie Royal	Gisela-5			750	750	750		
	Gisela-6			750	750	750		
Attika	Gisela-5			1000	1000	1000		
	Gisela-6			1000	1000	1000		
Tieton	Gisela-5			1000	1000	1000		
	Gisela-6			1000	1000	1000		

		Ulster	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Chelan	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Compact Stella	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Santina	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Ebnoy Pearl	Gisela-5	750	750	750		
			Gisela-6	750	750	750		
		Burgundy Pearl	Gisela-5	1000	1000	1000		
			Gisela-6	1000	1000	1000		
		Celeste	Gisela-5	1000	1000	1000		
			Gisela-6	1000	1000	1000		
			Sub total		21000	21000	21000	
4	Apricot	Blemheim	Citation	500	500	500		
			Ishtara	500	500	500		
		Early Gold	Citation	500	500	500		
			Ishtara	500	500	500		
		Gold Kist	Citation	500	500	500		
			Ishtara	500	500	500		
		Katy	Citation	500	500	500		
			Ishtara	500	500	500		
		Rival	Citation	500	500	500		
			Ishtara	500	500	500		
			Sub total		5000	5000	5000	
		5	Plum	Angelino	Pixy	150	150	150
Myran	150				150	150		
Myrobalan	150				150	150		
Black splendor	Pixy			200	200	200		
	Myran			200	200	200		
	Myrobalan			150	150	150		
Black Amber	Pixy			250	250	250		
	Myran			250	250	250		
	Myrobalan			250	250	250		
Duarte-2	Pixy			250	250	250		
	Myran			250	250	250		
	Myrobalan			250	250	250		
	Sub total				2500	2500	2500	
	Prunes			Stanley	Pixy	250	250	250
					Myran	250	250	250
					Myrobalan	250	250	250
				Long John	Pixy	250	250	250

			Myran	250	250	250		
			Myrobalan	250	250	250		
	Sub total			1500	1500	1500		
6	Peach	Earlyrich	Rubira	500	500	500		
			Jaspi	500	500	500		
			Controller-5	500	500	500		
			Controller-6	500	500	500		
		Desiree	Rubira	500	500	500		
			Jaspi	500	500	500		
			Controller-5	500	500	500		
			Controller-6	500	500	500		
		Cresthaven	Rubira	500	500	500		
			Jaspi	500	500	500		
			Controller-5	500	500	500		
			Controller-6	500	500	500		
		Sub total			6000	6000	6000	
7	Nectarine	Red Chief	Rubira	250	250	250		
			Jaspi	150	150	150		
			Controller-5	150	150	150		
			Controller-6	150	150	150		
		Cavalier	Rubira	150	150	150		
			Jaspi	150	150	150		
			Controller-5	150	150	150		
			Controller-6	150	150	150		
		Sunglo	Rubira	150	150	150		
			Jaspi	150	150	150		
			Controller-5	150	150	150		
			Controller-6	150	150	150		
		Redglo	Rubira	150	150	150		
			Jaspi	150	150	150		
			Controller-5	150	150	150		
			Controller-6	150	150	150		
			Sub total			2500	2500	2500
		8	Walnut	Chandler	Black walnut seedling	1000	1000	1000
					Paradox clonal Rootstocks	500	500	500
	Chico			Black walnut seedling	500	500	500	
Paradox clonal Rootstocks				500	500	500		
Tulare	Black walnut seedling			1000	1000	1000		
	Paradox clonal Rootstocks			500	500	500		

	Gillet	Black walnut seedling	500	500	500
		Paradox clonal Rootstocks	500	500	500
	Cisco	Black walnut seedling	500	500	500
		Paradox clonal Rootstocks	500	500	500
	Howard	Black walnut seedling	1000	1000	1000
		Paradox clonal Rootstocks	500	500	500
	Sub total		7500	7500	7500
	Total		400000	400000	400000

4. Sleeping Buds (Fall budded trees)

S. No.	Fruit Plant	Kind of variety	Preferred Rootstocks	No. of sleeping buds
1	Apple	Schlect spur	MM/EMLA/M-111, 106, 116	3000
		Adams Apples	MM/EMLA/M-111, 106, 116	1000
		Chelan Spur	MM/EMLA/M-111, 106, 116	1500
		King Roat	MM/EMLA/M-111, 106, 116	1000
		Royal Red Honey Crisp	MM/EMLA/M-111, 106, 116	1000
		Jeromine	MM/EMLA/M-111, 106, 116	2000
		Red Velox	MM/EMLA/M-111, 106, 116	2000
		Super Chief	MM/EMLA/M-111, 106, 116	2000
		Scarlet Spur-II	MM/EMLA/M-111, 106, 116	1000
		Buck Eye Gala	MM/EMLA/M-111, 106, 9, 116	1000
		Gala Schniga SchiniCo(s)	MM/EMLA/M-111, 106, 9, 116	1500
		Redlum Gala	MM/EMLA/M-111, 106, 9, 116	1500
		Galaval	MM/EMLA/M-111, 106, 9, 116	1500
Total			20000	

PROGRAMME OF SUPPLY

- The planting material comprising of Whip plants, Sleeping buds and spring buds is required for planting during January, February, 2018 (spring 2018 supply) .
- Applications for Enquiry supported with prescribed Forms should be submitted in sealed envelope duly superscribed with the name of Nurserymen/Firm. The applications will be received in the office of the Project Director, Himachal Pradesh Horticulture Development Project till 15.00 hrs on **07-04-2017** and shall be opened on the same day at 4.00 pm.

LAST DATE FOR SUBMISSION OF COMPLETED APPLICATIONS

The last date for the submission of applications is **07-04-2017 up to 15.00 hrs.**

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