



GOVERNMENT OF JAMMU AND KASHMIR
DIRECTORATE OF HORTICULTURE, RAJBAGH-SRINAGAR, KASHMIR-190008
TELE-FAX: 0194-2311287/2311484- E-mail:Kashmirhorticulture@gmail.com
website: <http://www.jktenders.gov.in>

E-NIT No : **21** of 2017-18 E-Tendering Dated : **30**-12-2017

Note : All the Bidding Process will be done on www.jktenders.gov.in

Subject:- Global Tender Notice for establishment of High Density orchards in Public and private sector of Jammu & Kashmir.

For and on behalf of Governor of Jammu and Kashmir State, Director Horticulture Kashmir invites bids from reputed enterprises/firms for establishment of various sizes high density Apple orchards of imported, specified plant material on private land in different Districts of J&K State as per details given hereunder:

The Bidding documents consisting of qualifying information, eligibility Criteria, specifications, bill of quantities(B.O.Q) Set of terms and conditions of contract and other details can be seen/downloaded from the Tender Website www.jktenders.gov.in as per schedule of dates given below:-

Critical Dates

1	Date of issue of Tender Notice	<u>02-01-2018</u>
2	Period of downloading of bidding documents	<u>02-01-2018</u>
3.	Bid Submission Start Date	<u>02-01-2018</u>
4	Bid submission End Date	<u>31-01-2018</u>
5	Deadline for receiving the Hard Copy (Original DD & EMD) including all the soft copy documents uploaded on the site.(No financial bid to be submitted manually)	<u>01-02-2018</u>
6.	Date & time of opening of Technical Bids (online)	<u>02-02-2018 at 2.00 PM</u>

Instruction for bidders regarding e-tendering process :-

- Bidders are advised to download bid submission manual from the "downloads" option as well as from "bidder Manual Kit" on website www.jktenders.gov.in to acquaint bid submission process.
- To participate in bidding process, Bidder has to get digital signature Certificate (DSC) as per Information Technology Act-2000. Bidders can get digital certificate from any approved vendor.
- The bidder has to submit complete bids online in electronic format with digital signature Bidders must ensure to upload scanned copy of all necessary documents with the technical bid.. However, a copy of technical bid as uploaded and a copy of demand draft/EMD shall be submitted in physical form/by registered post/through courier before date specified in para 1.
- Bids will be opened online as per time schedule mentioned in Para-1.

Note:-Scan all the documents on 100 dpi with black and white option

Rs: 1000/- as the cost of the tender document shall be furnished in shape of Demand Draft alongwith technical bids. The demand draft shall be pledged in favour of Accounts Officer, Directorate of Horticulture, Kashmir, J&K Govt.

1. DETAILS OF THE ORCHARDS TO BE ESTABLISHED:

- I. Minimum area --- 3 kanals.
- II. Maximum area --- 20 kanals.
- III. Varieties of fruit plants to be planted.

1) Super Chief Sandidge	8) Gala Buckey
2) Red Chief Campspur	9) Gala Brook-Field
3) Red Velox	10) Fuji Zehn Aztec
4) Oregon Spur	11) Fuji Kiku
5) Silver Spur	12) Granny Smith
6) Starkrimson	13) Golden Delicious Reindeers
7) Gala RedLum	14) Golden Delicious Clone B
- IV. **Proportion of varities in an orchard:-**
 - a) 30-40% Delicious group (from above mentioned varieties).
 - b) 30-40% Gala group (from above mentioned varieties).
 - c) 10-20% Fuji/Granny (from above mentioned varieties).
 - d) 10-20% Golden group (from above mentioned varieties).
- V. **Root stocks to be used:** EMLA 9-T337
- VI. **Funding pattern:**
 - Farmer share: 20%
 - Finance by J&K Bank: 30%
 - Govt. subsidy: 50%
- VII. **Density option (3333 trees per hectare) and component wise detail:**

Sr. No.	Component
1.	Cost of plant material: a. One year 5+ feathers.
2.	Cost of 4-wire trellis system (with installation)
3.	Cost of Anti-hail net (with installation)
4.	Fencing (5 feet height, angle iron poles with 5 strain of barbed wires)
5.	Cost of Micro-irrigation system
6.	Land Development
7.	Pit digging, plantation
8.	Cost of Vermi compost
9.	Pesticides

Specifications of Plants:-

- i. The Plants must be free from pests/diseases and shall carry a certificate that they are free from quarantine diseases/pests including virus for which necessary certification from registered/competent certifying authority of Country of origin needs to be provided by the private enterprise as and when asked to provide.
- ii. The bids shall be offered for three types of plants:
 1. Normal 1-year old plant, 5 Feet tall (152 cms) from bud union, having **05 plus feathers** of atleast 20 cms each in length. The girth of plants above bud union must not be less than 35 mm.
- iii. The entire root system of plant must be intact, viable, moist and fibrous.
- iv. The plants must be uprooted and packed in presence of authorized representative of the Department, if the Department wishes so.
- v. Suppliers/bidders will also enclose their details of experience in raising of fruit plants/supply of plant material, literature/printed brochure of their stocks with the Technical bid.
- vi. Source nursery in the Country of origin must have patent rights to produce the type of plant variety being supplied and give in writing of such kind of patent rights certificate.

VIII. Technical Specification of Trellis System and Micro Irrigation:

a) Micro Irrigation-for 1 hectare:

Sr. No.	Item	Size	Qty.	Unit
1.	Pipe PVC	75 mm	120	M
2.	Pipe PVC	63 mm	280	M
3.	Bend PVC	75 mm	10	No
4.	Bend PVC	63 mm	22	No
5.	Socket PVC	75 mm	18	No
6.	Socket PVC	63 mm	25	No
7.	MTA/FTA PVC	75 mm	7	No
8.	MTA/FTA PVC	63 mm	20	No
9.	Tee PVC	63 mm	10	No
10.	Ball Valve PVC	63 mm	8	No
11.	End cap PVC	63 mm	15	No
12.	Reducer PVC	63-75 mm	10	No
13.	Lateral	16 mm	1650	M
14.	Joiner	16 mm	50	No
15.	Grommate	16 mm	50	No
16.	End Stop '8' shape		50	No
17.	Take off	16mm	50	No
18.	Solvent	1 Lt.	2	Lt
19.	Drippers		6800	No
20.	Manifold		1	No
21.	Sand filter	10-20m ³ /hr	1	No
22.	Fertigation tank	60 lts	1	No
23.	Motor pump	3 hp	1	No
24.	Water storage tank*	70000 lts.	1	lt
25.	G.I Fittings			
26.	Ventury Assembly		1	No
27.	Digging of trench for main pipes to be done by farmers			
28.	Labour charges			

*Water Storage Tank shall be constructed by Farmer.

* All the above material shall have to be ISI/BIS marked.

(b). Specification for Trellis System-for 1 Hectare:

Size of galvanized round pipe 50 mm internal dia x 2 mm

1. Size of External Posts/Pipes : 5M

Above ground	Under Ground	Total
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(Meters)

4.16 M 84 cm 5 M

No. of External Posts: 68 No.s (Total Length = 340 Meters)

Installation specifications: Bended outwards & pushed down by vibrator.

2. Size of Internal Posts/Pipes : 5M

Above ground (Meters)	Under Ground	Total
4.2 M	80 cm	5 M

No. of Internal Posts: 374 No.s (Total Length = 1870 Meters)

Installation specifications: Straight upright & pushed down by vibrator.

3. Size of Anti-Sinking Plates (for External Posts-Front & Back Side)

315 mm x 150 mm x 45 mm (5 mm thick)

No. of Anti-Sinking plates: 136 No.s

Installation specifications: Put 1 Feet under soil & attached to the pipe.

4. Size of Anchors : 1.5 M (Height)

25 mm Iron Rod with 8 mm twisted hexagonal plate.

No. of Anchors: 68 No.s

Installation specifications: Drilled down into the soil in a slanting manner in clock/anti-clock wise (like a screw) by Driller and installed at the front & back side.

5. Galvanized Fruit Wire: 12 Gauge

Total Length: 13005 Meters

Installation specifications: Tied & tensioned with Pipes with wire tensioner

6. Galvanized Guy Wire : 6 mm

Total Length : 1020 Meters

Installation specifications: Tied & Tensioned with Anchors.

7. Nut & bolts for Anti-Sinking Plate/Guy Wire etc

No. of plants : 3333

Planting distance: 3 M x 1 M

Post distance: 7.6 M x 3 M

Note: The cost/number of posts may vary as per the topography & geometry of the land.

* All the above material shall have to be ISI/BIS marked.

(c). Trellis System with Anti-hail net:

For establishment of Anti-hail net, the major components like Black/white Anti-hail net, Net stop needles, Plaket for Net connection, Plaket for front side, Winter-

fix, Wire rope, Caps, Galvanized ring etc alongwith additional support poles, so that hail-net can be folded on the Trellis system in Winter.

Any improved version of Trellis system can be installed subject to its approval by the Department (read Technical committee to be constituted by the Divisional Level Purchase Committee) after the evaluation of design furnished by Private Enterprise.

2. Role and responsibilities of Department and Private Enterprises:

A. State Government:

- i. Director Horticulture, K/J shall Identify beneficiaries and provide the list to implementing Agency i.e. Private Enterprise (PE) and Financial Institution (Bank).
- ii. Supervise operations/implementation and obtain project status.
- iii. Obtain status/feedback from the farmer.
- iv. Provide necessary Technical guidance, information and awareness to the farmers/beneficiaries.
- v. To ensure that Private Enterprise follows all Post-entry quarantine measures.
- vi. To ensure that Private Enterprise establish the orchards with specification of plants as mentioned in this Tender documents.

B. Implementing Agency- Private Enterprise:

- i. Arrange/import plant of specified qualities from the identified countries. Government can facilitate by way of certification of quality and quantity as per Action Plan.
- ii. Arrange material for other components (Trellis system, drip irrigation, anti-hail net and other machinery/ equipment, if required) as per specification given in the scheme.
- iii. Provide training to the farmers/growers.
- iv. Nominate his representative or join himself the JIT.
- v. Furnish the periodical status report to the Government.
- vi. Do handholding for three years by way of inspection, advice and implementation of corrective measures, if any.
- vii. Ensure that plants are imported and maintained at designated places in the State of J&K for Post-Entry Quarantine measures under the strict supervision of Designated Inspection Authority/ Horticulture Department, Kashmir/Jammu.

Terms and Conditions:-

- I. A MoU shall be signed between the parties/ stakeholders, Horticulture Department, Beneficiary, Implementing Agency and Financial Institution clearly mentioning the role and responsibilities of all the stakeholders together with normative cost and sharing pattern and other terms and conditions strictly as per the guidelines of the scheme. Draft MoU is duly vetted by the Department of Law, Justice and Parliamentary Affairs.
- II. The farmer shall have the option of availing institutional finance depending upon his choice or provide entire share out of his own resources.

- III. The Task Force constituted vide Government Order No: 168 Agri of 2015 dated 16-06-2015 shall continue to evaluate, and suggest the corrective measures, if any, during setting up of the orchard under the scheme.
- IV. Plants must be imported from a registered/genuine Source, details of which including name, full address and experience have to be submitted alongwith bid documents.
- V. Legal profile/Phytosanitary certificates/genuiness certificate as may be required either in the country of origin or in the importing country will be provided by the Private enterprise as and when required by the Department.
- VI. The Private enterprise will be responsible to fulfill all formalities of the supply/import of the plants himself/herself.
- VII. The Quarantine/Post-Entry Quarantine regulations shall have to be strictly followed and the empanelled agency should have a registered PEQ facility in the State of J&K to the tune of planting material that agency may be asked to supply.
- VIII. Bids must be accompanied with earnest money of 30 lac in the form of FDR/CDR in favour of Accounts Officer, Directorate of Horticulture Kashmir, J&K Govt. payable at Srinagar J&K, India.
- IX. The quarantine/Post-Entry Quarantine regulations shall have to be strictly followed.
- X. The Department will be at liberty to add or alter any terms and conditions while finalizing the supply order/agreement, which will be a binding on the bidder.
- XI. It shall be exclusive right of Divisional Level Purchase Committee to accept or reject any or all offers including lowest offer either wholly or partly without assigning any reason thereof.
- XII. In case any clause of the terms/condition as laid down in tender document/agreement is affected by force majeure, then the decision of Secretary Horticulture J&K Government will be final.
- XIII. The Hon'ble Court of Srinagar, J&K, India alone will have the jurisdiction to settle disputes, if any in respect of the present Global Tender.
- XIV. The bidders shall quote prices which shall be inclusive of all taxes while filling the BOQ Excel Sheet. The breakup of basic rates and taxes shall be shown while quoting the rates.
- XV. The taxes as admissible/applicable during the process and at the time of procurement shall be levied on the supplier/bidder.
- XVI. The Private enterprise shall establish the orchard on turnkey basis and shall have to do hand holding for three years before handing over the established orchard to the beneficiary.

- XVII. The Director Horticulture, Kashmir shall constitute a Joint Inspection Team (JIT) for inspection and recommendation of release of assistance.
- XVIII. There shall be three joint inspections of each project:
- The first joint inspection shall be conducted when the Trellis and Micro irrigation is complete. The Joint Inspection Team (JIT) shall recommend the release of assistance for Trellis and Micro Irrigation.
 - The second joint inspection shall be conducted when the plantation is complete after completion of mandatory Post-Entry Quarantine period, 70% cost of plant material shall be released on the recommendations of JIT.
 - The Third joint inspection shall be conducted after successful completion of the project (3 years) and 30% payment shall be released on the recommendations of the JIT, subject to the condition that plant material proves true to its type.
- XIX. Private enterprise so selected shall have to keep plants in his own approved Post-Entry Quarantine (PEQ) facility in the State of J&K under the strict supervision of the Department/Plant Quarantine Directorate/Designated Inspection Authority (DIA). The imported plant material shall be inspected at entry port, at Post-Entry Quarantine facility by the Designated Authority and the committee to be constituted by the Department. Certification of plant quarantine Directorate/Designated Inspection Authority on model formats through their Designated Inspection Authority are invariably required.
- XX. Keeping in view the huge demand and timely completion of the work of High Density Orchards, the Department reserves the right to allot areas, District wise/village wise to all Private Enterprises on the (lowest one) L1 rates, provided they have qualified technical bids. Distribution of area is likely to be made keeping into consideration financial strength and experience of the bidders.
- XXI. Rates quoted shall be valid for a period of two years.
- XXII. Private enterprise so selected shall establish a registered nursery (atleast 2 ha) in the State of J&K and establish Rootstock/Gene Bank. The aim is to propagate atleast 10% of the quality planting material locally by the empanelled company in the first year itself & 20% in the second year. The material produced in such nursery will increase each year till we achieve 100% localization in the production of quality planting material.
- XXIII. Income tax on the value of supply under rules shall be deducted at source.
- XXIV. The bid should be submitted in the English language only.
- XXV. In case the material supplied by the supplier/bidders are not found as per specifications mentioned in the tender notice and other certified documents. The same shall be rejected and supplier has to lift the supplies

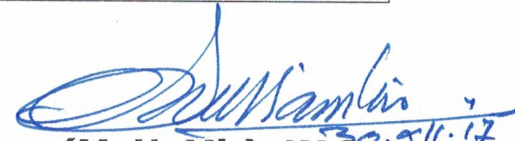
at his own risk and cost. Further, EMD of the such supplier shall be forfeited and shall be black listed.

XXVI. The successful bidder shall have to enter into agreement with the Department, before the supply order is placed.

XXVII. In case of LC all bank charges (including LC confirmation charges) payable outside India will have to be borne by the supplier only.

XXVIII. Technical bids shall be assessed by a Technical Committee to be nominated by the Divisional Level Purchase Committee on the basis of:

Detail of experience in the field of establishment of High Density Orchards.	A detail to be given by the bidder.
Proof of having a registered office in India.	A certificate from the concerned authority.
Proof of collaborations with the overseas nurseries.	A copy of Joint venture agreement.
Proof of having Designated Quarantine facility in the State of J&K.	A copy of registration issued by the competent authority.
Annual turnover/financial soundness.	Audited balance sheet of last two years having Annual turnover of INR 2.00 crore.
Scientific/Technical expertise.	A detail to be given by the tenderer.


(M. H. Mir), KAS
D I R E C T O R

No:- DHK/Pur/2017/201/16200-12

Dated:-30-12-2017

Copy to the:-

1. Secretary to Government Horticulture Department J&K Govt. Jammu.
2. Horticulture Commissioner, Govt. of India Deptt. Of Agriculture and Co-operation Horticulture Division, Krishi Bhawan New Delhi.
3. Director CITH, Rangreth, Srinagar.
4. Director Horticulture, Jammu.
5. Director Horticulture (P&M) Srinagar Kashmir.
6. Director Sericulture, Kashmir.
7. Director Information and Public Relations, J&K Government, Jammu with the request to get the said tender notice published in the leading local and National newspapers.
8. Director Research SKUAST-Kashmir.
9. Director Finance, Horticulture Department, Civil Secretariat, Jammu.
10. Director, Industries & Commerce J&K, Kashmir, Srinagar.
11. Secretary to Vice Chancellor, SKUAST-Kashmir for information of Hon'ble Vice Chancellor.
12. Horticulture Information and Publication Officer, Srinagar for follow-up action.
13. Private Secretary to Hon'ble Minister for Horticulture, J&K for information to the Hon'ble Minister.