

**Department of Horticulture  
Himachal Pradesh, Shimla- 171002**

Director of Horticulture, Himachal Pradesh on behalf of Government of HP invites e- Tender in two cover system for the under mentioned goods from the eligible and approved Manufacturer for the empanelment.

The detail of specifications of Plastic mulch sheets and plastic mulch mat to be provided to the farmers is as given below:

Description of Goods		Delivery location	Bid cost	Earnest Money Deposit
a. Plastic Mulch Sheet	5,7 layer LLDPE mulch film	All Districts in HP	2000/-	100000/-
b. Plastic Mulch mat	100gsm UV Stabilized			

1. During the year 2020-21, the Department of Horticulture, Himachal Pradesh desires to empanel the firms to provide Plastic mulch sheets & plastic mulch mats to the farmers across all districts of Himachal Pradesh. The firms are required to supply the Plastic mulch sheets & mats to the farmers as per the recommended specification(s). The beneficiary farmer is at liberty to choose empaneled firm of his choice for purchasing the Plastic mulch sheets & plastic mulch mats. The Departmental officers of the respective areas will physically inspect the material before the release of subsidy.
2. Availability of bid document and Mode of submission: -The bid document is available online and bid should be submitted online on website <http://hptender.gov.in>. The bidder would be required to register in website which is free of cost. For submission of the bids, the bidder requires digital signature Certificate (DSC) from one of the authorized certifying Authorities (CA) Aspiring bidders who have not obtained the user ID and pass word for participating in e-tendering in the Directorate of Horticulture, Himachal Pradesh, Shimla-2, may obtain the same from the website <http://hptender.gov.in>. Digital signature is mandatory to participate in the e- tendering. Bidder already possessing the digital signature issued from authorized CA can use the same in the tender.
3. Date of online publication: - 20.12.2019
4. Document Download start and end date: - 20.12.2019 to 15.01.2020
5. Bid submission start and end date: - 30.12.2019 to 15.01.2020 till 1:00PM
6. Physical submission of EMD and cost of tender Document: - 15.01.2020 till 1:00PM
7. Date of Technical Bid opening will be 15.01.2020 till 2:00PM, evaluation of technical bid opening and financial bid opening will be done accordingly.
8. Submission of Original Document: -The bidders are required to submit (a) original demand draft towards the cost of bid document i.e. Rs 2,000 and (b) Original bid security/Earnest Money Deposit (EMD) i.e. Rs 100000/- in shape of DD or FDR duly pledged in favor of, The Director of Horticulture, Himachal Pradesh, Navbahar, Shimla-2, failing which the bids will be declared nonresponsive. Any bidder/tenderer withdraws his bid / tender during the period of bid validity or makes any modification in the terms of conditions of the bid, his earnest money shall be forfeited.

9. Tender details: - The tender documents shall be uploaded in two covers.
- i) Cover-1: -Shall contain scanned copies of all technical document/eligibility information.
  - ii) Cover2: - Shall contain "BOQ/Financial Bids" where contractor will quote his offer for all item
10. Bid opening detail: - The bid shall be opened in the office of the Director of Horticulture, Himachal Pradesh, Shimla-2 by the authorized officer. In their interest the tenderers are advised to be present along with original documents at the time of opening of tender. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened on next working day at the same time and venue.
11. Other detail can be seen in the bidding documents. The officer inviting tender shall not be held liable for any delay due to system failure beyond its control. Even though the system will attempt to notify the bidders of any bid updates. The employer shall not be liable for any information not received by the bidders. It is the bidder's responsibility to verify the website for latest information related to the tender.

Director of Horticulture,  
Himachal Pradesh

## **Instructions to bidders**

### **1. Background:-**

For decades, farmers have been trying to use various materials such as dry leave, paddy straw, paddy husk, jowar trash, saw dust, dry grass, dry sugarcane leaves, dry coconut leaves, coconut husk, paper for moisture conservation (reducing water evaporation losses, checking weed growth and moderation of soil temperature). It creates kind of micro climate for the plant, which is suitable best performance by regulating soil water, soil temperature, humidity, carbon dioxide enrichment and increased microbial activity in the soil. Thus, mulching is the process of covering the soil around the plant root area with a view to insulate the plant and its roots from the effects of extreme temperature fluctuations.

All the available materials, though beneficial, were found to have inherent weaknesses and not easily available in large quantities. The plastic films, however are easily available, easy to handle, transport and lay. This leaves to use of plastic films as mulching, which is today the most preferred material. Now a days LDPE and LLDPE plastic films are commonly used for mulching. LLDPE black colour mulch film is most popular, owing to the twin properties of down-gauging and better puncture resistance. While down-gauging leads to availability of thinner film at a lower cost, the puncture resistance and opacity check the weed growth under the film.

Plastic mulching is crucial in view of the changing technological scenario for boosting crop yields and productivity. It is actually a boon to dryland farmers. In order to curtail these losses, the Department of Horticulture, Himachal Pradesh is providing assistance @ 50% to all the categories of farmers, for plastic mulching under MIDH. The scheme is being implemented as per the availability of budget under the said component.

**Specifications:** - The Department intends to empanel the manufacturer for plastic mulch sheets and mats, specifications are as under:-

#### **a) Plastic Mulch sheets**

<b>Specification</b>	<b>Typical Values</b>
<b>1. Product description</b>	5, 7 Layer LLDPE mulch Film
<b>2. Thickness of mulch film (micron)</b>	100
<b>3. Type</b>	Mulch film Silver on Black
<b>4. Width</b>	Upto 2.50 mtrs

#### **b) Plastic Mulch mats**

<b>Specification</b>	<b>Typical Values</b>
<b>1. Product description</b>	UV Stabilized
<b>2. Fabric GSM</b>	100 gsm
<b>3. Fabric colour</b>	Black & White

#### **Notes:**

- a) The rates should be quoted only by renowned original Plastic mulch sheets & plastic mulch mat manufacturers.
- b) The Plastic mulch sheets & plastic mulch mat should be as per the specifications.

### **3 Bids Terms and Conditions:**

- (a) For ascertaining the quality of the Plastic mulch sheets & plastic mulch mat. The manufacturer should have an in-house testing laboratory with equipments to conduct in process quality control and give Self Declaration Certificate regarding quality of material.

- The material used in manufacturing of the Plastic mulch sheets & plastic mulch mat should be of virgin material.
  - b) The supplier will be responsible for defective supply during transit/use and if any material is found torn/defective, the same will have to be replaced within a period of 15 days at the manufacturers cost.
  - c) The thickness of Plastic mulch sheets & plastic mulch mat as specified should be consistent and uniform for the whole lot.
  - d) The manufacturer should quote rates separately for 5, 7 layer LLDPE mulch film and plastic mulch mat.
  - e) The rate quoted should be inclusive of all charges i.e. GST.
  - f) Technical Bids shall be opened/evaluated by the Technical Committee constituted by the head of the department.
  - g) Financial Bid only of the technically acceptable offers shall be opened for further evaluation.
  - h) The bids received after the date and time specified for their receipt shall not be considered.
  - i) The bidders whose bid is accepted will be notified for empanelment.
  - j) The manufacturer will make the supplies to farmer through their dealers. The manufacturer shall have to provide the list of authorised dealers/supplier within a month after empanelment.
  - k) Only the Manufacturers are eligible to participate in this tender process.
4. The bidder shall quote into two cover system i.e Technical and financial as under:-

**To qualify for empanelment to the bidders (Technical bids):-**

- a. The manufacturer should be a Public sector undertaking/ Public/ Private Entrepreneurs/ Agencies/ (proof to be enclosed)
- b. Brochures of the material should either been closed with the quotation or internet link address should be mentioned to verify the authenticity of type and specifications
- c. The bidders should be in the business of manufacturing of Plastic mulch sheets & plastic mulch mat for the last 3 years (Attach proof).
- d. The bidders should have a turnover of 5 Crores every year in the last 3 years from the sale of above & related material. (Certificate to this effect from CA to be attached)
- e. The bidder has to be profitable and should not have incurred losses in the last 3 consecutive financial years (2016-17, 2017-18 & 2018-19) Certified copies of Trading Account, P&L and Balance Sheet by CA may be attached.
- f. The firm should not be blacklisted by any Central Govt./ State Govt./ PSU/ Govt. Bodies (Certificate signed by the Authorized signatory)
- g. The bidders should have supplied to Government sector/Public Sector Undertaking/Semi-Government Organization/ private sector sufficient number of Plastic mulch sheets & plastic mulch mat meeting major specifications parameters and functioning satisfactory in India for the last 3 years (Attach proof).
- h. The firm should be Prompt in offering After Sales Service, resolving complaints and replacement, if required. (Certificate in this regard to be enclosed)
- i. Copy of the PAN No./GST No/ Service tax registration must be submitted.
- j. The bidder has to submit ITRs for three preceding years.
- k. The bidder has to submit samples of Plastic mulch sheets & plastic mulch mat (1X1 Mtr. size) for demonstration.
- l. List of authorized/Dealers/Suppliers.

**5. Bid Price: -**

- a. The contract shall for the full quantity as described.

- b. All duties, taxes and other levies payable shall be included in the total price.
  - c. GST in connection with the sale shall be shown separately.
  - d. The prices quoted should be in Indian Rupees.
  - e. The rate quoted shall remain valid upto 31<sup>st</sup> March 2021 which can be extended on mutual consent.
  - f. The offered rates should be uniform throughout the State.
  - g. Prices must be offered on the prescribed enclosed Performa/format.
  - h. The manufacturer should quote rates plastic mulch sheets/mats i.e LLDPE film and plastic mulch mats.
6. Bidders shall not contact other bidders in matter relating to this quotation.
7. **The validity of quotation:** the quotation shall remain valid for a period not less than 90 days after the dead line specified for submission.

**8. Evaluation of bids:**

The employer will evaluate and compare the bids determined to be substantially responsive: -

- i) **Technical Bid:** - Technical bid will be opened in respect of those bidders who have uploaded the bids as per the eligibility as mentioned. Tenders shall be scrutinized and evaluated by the technical committee of experts with reference to parameters and specifications prescribed in the Tender Evaluated Document. During the bid opening, the tender opening committee will check the salient technical features of the tenderers like detailed description of the material offered by the tenderers, specifications as mentioned and other documents as specified. The technical committee can ask for any clarification/ document/ demonstration during the technical evaluation.
- ii) **Financial bid/Price tender/BOQ:-** It shall contain financial bid/BOQ uploaded in.xlsor.xlsx format which will be available for bidders on website <https://hptenders.gov.in>. The financial bid/BOQ will not be accepted in physical form. At the time opening of tenders, financial Bid/ BOQ will be opened only of those bidders who qualifies Technical bids.

**9. Empanelment:**

- I. The Employer will empanel the bidder whose bid has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.
  - II. The Department reserves the rights to empanel other firms at the rate at par with L1 which has been declared substantially responsive otherwise.
10. Notwithstanding the above, the committee reserves the right to accept or reject any quotations and to cancel the bidding process and reject all the bids at any time prior to award of contract.
11. The bidder whose bid is accepted will be notified for the empanelment by the Department prior to the expiration of the bid validity period.
12. Performance Security: - within 15 days of receiving letter of acceptance, the successful bidder shall deliver to the Director of Horticulture. the performance security (either a bank guarantee or a FDR pledged in favour of the Director of Horticulture, Himachal Pradesh, Shimla-2) for an amount of Rs. 5 Lakhs. The performance security shall be valid up to warranty and guaranty period to the best of satisfaction of the department.
13. Failure of successful bidder to furnish performance security shall constitute sufficient grounds for annulment of empanelment
14. Decision of the committee will be final & the same cannot be challenged at any forum thereafter.
15. In event of any dispute, the matter shall be referred to the next higher authority. In this case, the next higher authority shall be Secretary, Horticulture, Govt. of HP, whose decision in the matter shall be final and binding on both the parties.
16. Only the Courts of Law in Shimla shall have jurisdiction over any disputes.

17. The manufacturer shall have to provide warranty/ guarantee of Five Year on their product. If any wear and tear occurs during the warranty period otherwise than miss handling by the farmer, the firm shall have to replace its without any charges.

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## Bill of Quantity

Sr. No.	Description of Work	Quoted Rate (per sq.m.)		Quoted Rate (per sq.m.)	
		Plastic mulch sheet		Plastic mulch mats	
		In Figure(Rs)	In Words(Rs)	In Figure(Rs)	In Words(Rs)
1.	Rate of plastic mulch sheet/mats as per specification				
2.	GST to be shown separately				
3.	Any other taxes/duties				
<b>Total Cost</b>					

<b>FORMATS</b>		
<b>a) LLDPE Film plastic mulch sheets</b>		
<b>Required Specification</b>	<b>Typical Values</b>	<b>Quoted Specification by bidder</b>
1. Product description	5, 7 layer LLDPE mulch Film	
2. Thickness of mulch film (micron)	100	
3. Type	Mulch film Silver on Black	
4. Width	Upto 2.50 mtrs	

<b>b) Plastic Mulch mats</b>		
<b>Specification</b>	<b>Typical Values</b>	<b>Quoted Specification by bidder</b>
1. Product description	UV Stabilized	
2. Fabric GSM	100gsm	
3. Fabric colour	Black & White	