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Government of India  
Ministry of Agriculture & Farmer's Welfare  
Department of Agriculture, Cooperation & Farmer's Welfare

F-wing, 2<sup>nd</sup> Floor Hall,  
Shastri Bhavan, New Delhi  
Dated: 22.01.2018

To  
Agricultural Production Commissioner/Principal Secretary Agriculture  
of all the States.

Subject: Operational Guidelines for establishment new Seed production processing cum storage units at Gram Panchayat level as per Recommendations of Group of Secretaries (GOS) -regarding.

Sir,

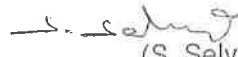
I am directed to forward a copy of Operational Guidelines for establishment new Seed production, processing unit cum Seed storage godown by Farmers Producing Organisation (FPOs), Self Help Groups(SHGs), Cooperatives, Commodity Interest Group(CIGs) other agency authorized/ approved by concerned State at Gram Panchayat level under SMSP for information and necessary implementation. The State wise Targets to establish seed production, processing units and Seed storage godown facilities at Gram Panchayat level has already circulated vide letter of even number dated 13.10.2017.

In order to establishment new Seed production, processing unit cum Seed storage godown in the State, you are requested to furnish proposal (if not sent so far) indicating location wise details in the enclosed proforma at Annexure-I.

The physical progress is required to be furnished in the enclosed proforma at Annexure-II.

Encl. A/a

Yours faithfully,

  
(S. Selvaraj)  
Deputy Commissioner (Seeds)  
Fax No. : 011-23389242

Copy to:

1. Commissioner/Director of Agriculture all States for information and necessary action.
  2. Managing Director, State Seeds Corporation for information.
  3. DDG(Extn. ), ICAR, Krishi Bhavan, New Delhi information.
  4. ADG(Seeds), ICAR, Krishi Bhavan, New Delhi information.
  5. US(Seeds), US(Policy), DAC&FW, Krishi Bhavan, New Delhi for information.
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## **Operational Guideline for setting up of Seed Production Processing and Seed Storage Godown Facilities at Gram Panchayat Level.**

### **1. Introduction**

1.1 In order to make available the required high quality, high yielding varieties of certified/quality seeds to the farmers within the reach of farmers locally, there is a need to organize seed production programme locally by farmers, by providing facilities for seed processing seed cleaning, seed grading, packaging and seed storage godown facilities locally and farmers has to be trained on seed production and seed technology including seed processing, seed storage, testing of seed locally, book keeping, accountancy, financial management and marketing of seeds etc.

1.2 In the light of this Group of Secretaries (GOS) for Group-1 Agriculture & allied Sectors has recommended for setting up of 500 Seed production processing and Seed Storage Godown facilities at Gram Panchayat level so as to make available quality seeds to the farmers locally. The norms for setting up of seed processing and seed Storage Godown will be same as already available under the existing component of creation on seed infrastructure facilities under SMSP.

1.3 Seed processing is vital part of the total technology involved in making available high quality Seeds. Proper post harvest processing is critical to maximize yield, longevity, vigor and quality of the Seed crop. Seed processing is necessary in order to dry the seeds to safe moisture level, removal or reduce to the extent possible the different undesirable materials deteriorated or damage seeds, uniform size grading and seed treatment to upgrade the overall seed quality.

### **2. Implementing Agencies:**

2.1 Farmers Producing Organization (FPOs), Farmer Seeds Producing Organizations (FSPOs), Self Help Groups (SHGs), Co-operatives, Commodity Interest Groups (CIGs) and other reliable agency involved in agricultural activity approved by concerned State Govt. will be eligible for financial assistance for this purpose.

2.2 The implementing agencies will have the flexibility to establish seed processing cum and storage godown of lesser capacity required/assessed by them. The eligible grants-in-aid will be reduced accordingly.

2.3 The grants-in-aid will be provided to the implementing agencies which have already have required land and manpower to establish and to successfully run the seed processing and seed storage facilities. The cost of land and its registration etc. will not be allowed in any case.

2.4 While forwarding the proposal it shall be the sole responsibility of implementing agency that seed processing machineries/ equipments required for seed processing plants should be latest and cost effective and best suited for the agro climatic conditions/ crops grown in that area, so that maximum benefits could be reached to the local farmers.

### **3. Pattern of Assistance:**

3.1 As per the existing component Creation of Seed Infrastructure Facilities under SMSP, 100% grants-in-aid will be provided by GOI to the concerned State for setting up of Seed Processing and seed Storage Facilities at gram Panchayat level. The Financial assistance will be provided to the States in one go. Further State has to transfer this amount to concerned implementing agencies i.e. FPO, SHGs, FSPO, CIGs, Cooperative etc. within 15 days after receipt of grants from GOI positively.

3.2 One time 100% GOI grant of Rs. 60 lakh or actual whichever is less will be available for setting up of seed processing and seed Storage godown each of 500 MT capacity at gram Panchayat level for the implementing agencies i.e. FPOs, SHGs, Cooperative, CIG, etc. This include all the expenditure including procurement of seed processing machinery/equipments, small plant building, drying floor /receiving shed, and construction work of Seed Processing cum Seed Storage Godowns proper drainage, boundary wall, electrification (if any) required for smooth functioning of these facilities. Model Estimate/ Components of project is at Annexure.

3.3 The expenditure over and above guideline has to be met by the concerned implementing agency from their own sources or State Govt. The financial assistance should be utilized only for the purpose it was released. No diversion of funds will be allowed in any case.

### **4. Norms for construction of Seed Processing cum Seed Storage Godown.**

4.1 The construction of seeds processing cum godown shall be as per the CPWD or State PWD specifications or any specification laid down in this behalf. The Storage godown shall be properly ventilated shall have well fitted doors, windows and ventilators and shall be waterproof (control) of moisture from floor, walls and roof, etc. The seed processing cum godown structure shall have protection from rodents (high pucca elevated (1 meter) platform with wooden/other type staircase). The seeds processing cum godown shall have protection from birds (window/ventilators with jail). The openings of the seeds godowns such as doors, windows etc. shall be designed in such a manner that the seeds godown can be sealed for effective fumigation etc. The Seeds Processing cum godown complex shall have an easy approach road, pucca internal roads, proper drainage, arrangements for easy loading and unloading of seed stocks.

4.2 The State has required to seek prior approval from GOI for change of location (if any) of setting up of seed processing and seed Storage Godown.

### **5. Implementation Strategy:**

5.1 The seed processing plant and seed storage godown may be established on Govt. and/Government seed farms/Panchayat owned land/FPOs land/SHGs, Cooperatives, CIGs seed producing organizations land as per State priority/local demand.

5.2 The State Govt. may select the reliable existing FPOs, SHGs, Cooperatives, CIGs etc. based on their earlier performance, or new FPOs, SHGs, Cooperatives,

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CIGs and also area where already seed production being undertaken/also new areas where seed production is possible.

5.3 The State Govt. may decide/select the existing registered Cooperative Seed Producing Committee based on their performance and also new FPOs etc.

5.4 The setting up of Seed processing cum Seed Storage godown will be under the component Creation of Seed Infrastructure Facilities of SMSP.

5.5 The reliable construction agencies having sufficient infrastructure, technical expertise/experience etc. already approved by the concerned State Govt. may be utilized/appointed for this purpose.

5.6 After setting up of Seed Processing Plant, overall control and monitoring may done by concerned FPOs, SHGs, Cooperatives, CIGs Seed Producing Organizations and State Department of Agriculture or agency authorized by State will provide all back up technical advisory support to formation of FPOs to train the all seed producing farmers of FPOs on seed production and processing, storage, finance (bookkeeping and accountancy) and facilitating and helping them to source the required varieties Breeder seed from breeders of SAUs/ICAR institutes and required varieties of foundation seed from their State Farms, SSCs etc for production certified quality seeds. The State shall give the first preference in marketing of produced seed from these grampanchayat FPOs, SHGs etc. for 3-5 years period.

5.7 The concerned State will closely monitor the procuring seed processing machinery/equipments and construction work of Seed storage godowns etc. and to ensure transparency in entire tender process and execution.

5.8 It is the sole responsibility of implementing agencies and concerned State to regularly monitor the functioning of these Seed Processing and seed Storage godowns and maintain all the records/financial accounts, physical achievements season and year wise.

5.9 After the completion of work of Seed Processing and seed Storage godowns, the State will check the quality of work and submit the physical, financial progress and utilization Certificate in GFR-19A to GOI.

## Annexure

Model Estimates/Components of Project is under :  
Estimate for 1 TPH(1000 kg /hr.) Seed Processing Plant cum Storage Godown

S.No.	Name of the machine / equipment / work	Capacity	Quantity (nos.)	Approx. Cost (Rs.)
1.	V.B.Elevator (with suitable height)to feed seed grader	2 TPH on wheat	1	127000.00
2.	Seed Grader with all accessories and 5 set of additional screen	1 TPH	1	298000.00
3.	V.B.Elevator (with suitable height) to feed indented cylinder with bye-pass arrangement to feed gravity separator	2 TPH	1	125000.00
4.	Indented cylinder with additional one segment	1 TPH	1	250000.00
5.	V.B.Elevator (with suitable height) to feed Gravity Separator	2 TPH	1	125000.00
6.	Specific Gravity Separator with additional one deck	1 TPH	1	272000.00
7.	Digital Electronic Weighing machine(Platform type)	10-100 kg	1	20000.00
8.	Heavy duty bag closing machine	300 bag/hr.	2	26000.00
9.	Moisture meter digital type	4% to 40 %	1	75000.00
10.	Electronic control panel		1	140000.00
11.	Air compressor	2 HP	1	75000.00
12.	Diesel Generator set	25 KVA	1	550000.00
	Sub-total			2118000.00
	GST @ 5%			105900.00
	Installation and Commissioning charges			150000.00
	Total machinery cost			2423900.00
13.	Building construction cost 15mx30m i) 15mx10m space for seed processing machine plant erection/installation ii) Remaining 15mx20m space for seed storage godown purpose	4500 sq.ft.	1	3661100.00
	Total cost for establishment of processing plant including building and storage godown			6000000.00

Plant should be designed in such a way that it is possible to take advantage of seed cleaner, indented cylinder graders and specific gravity separator as required for processing of specific crops seeds. This is tentative estimate on Seed Processing-cum-Storage Godown, saving of one component if any can be utilized in other component to meet the shortage where required and other exigencies etc.

Rs.60 lakh will be provided and balance fund required, if any will be meet from their own source.

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**PROFORMA FOR SUBMISSION OF PROPOSAL FOR SETTING UP OF SEED PRODUCTION, PROCESSING AND SEED STORAGE FACILITIES AT GRAM PANCHAYAT LEVEL**

Annexure-I

Name of the state --

Name of the implementing agency --

YEAR

Address --

Name of Gram Panchayat/FPO/SHG etc. -

Address -- Of Gram Panchayat/FPO/SHG etc.

Contact person (alongwith phone no., email Fax No., etc.) -- Contact person (alongwith phone no., email Fax No., etc.)

S. No.	Location of Gram Panchayat / farms	Existing capacity at Gram Panchayat in MT per annum (if any)		Location wise seed capacity /required /proposed now at Gram Panchayat in MT per annum		Qty. of seeds** produced / available at Gram Panchayat in per annum (MT)		Amount proposed (Rs. in lakh)		Amount eligible as per guidelines		Position of land and technical manpower availability now at Gram Panchayat	Remark
		S.P.P.*	Seed Godown	S.P.P.	Seed Godown	S.P.P.	Seed Godown	S.P.P.	Seed Godown	S.P.P.	Seed Godown		
	Total												

S. No.	Crop Name	Year wise seed production (in MT)				
		2015-16	2016-17	2017-18	2018-19#	2019-20#
	Total					

\* Seed Processing Plant

\*\* crop-wise, year-wise quantity of seeds produced to be indicated

# expected seed production

PROFORMA FOR SUBMISSION OF PHYSICAL PROGRESS FOR SETTING UP OF SEED PRODUCTION, PROCESSING AND SEED STORAGE FACILITIES AT GRAM PANCHAYAT LEVEL

Year \_\_\_\_\_

Name of the state --

Name of the implementing agency

- Name of Gram Panchayat/FPO/SHG etc. -

Address --

Address of Gram Panchayat/FPO/SHG etc.

Contact person (alongwith phone no., email Fax No., etc.) -

Contact person (alongwith phone no., email Fax No., etc.)

Address -

Contact person (alongwith phone no., email and Fax no. etc.) -

A) Seed Processing Facilities at Gram Panchayat

S. N o.	Location-of Gram Panchayat/ farms	Crop wise qty. of Seeds produced at Gram Panchayat/	Number of Processing Plant at Gram Panchayat	Seed Processing Capacity (M.T.)		Crop wise qty. of Seeds processed (M.T.)		Funds Received for Seed Processing Plants from GOI (Amount Rs. in Lakh)		Other Information (If any)	Remarks
				Target	Actual Achievement	Target	Actual Achievement	Received	Utilized		
Total											

B) Seed Storage Facilities at Gram Panchayat:

S. N o.	Location of Gram Panchayat / farm Seed Storage Godown Constructed	Number of Seed storage godown at Gram Panchayat	Seed Capacity at Gram Panchayat (M.T.)		Crop wise qty. of Seeds Stored at Gram Panchayat (M.T.)		Funds Received for Seed Storage Godown at Gram Panchayat from GOI (Amount Rs. in Lakh)		Other Information (If any)	Remarks
			Target	Actual Achievement	Target	Actual Achievement	Received	Utilized		
Total										
Grand Total (A+B)										

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