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Hon'ble Prime Minister



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& Cooperation**

“Sahakar-se-Samriddhi”

**World's Largest Grain Storage Plan in
Cooperative Sector**

“MARGDARSHIKA” (Standard Operating Procedure)

**Ministry of Cooperation
Government of India**



1) Grain Storage Structure constructed at The Chandranagar Group Seva Sahkari Samiti, Viramgam, Gujarat



2) Grain Storage structure : Nerpinglai PACS, Amravati, Maharashtra,

Source: Ministry of Cooperation



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LIST OF ABBREVIATIONS / ACRONYMS	
AIF	Agriculture Infrastructure Fund
AMI	Agricultural Marketing Infrastructure
DCCBs	District Central Cooperative Banks
DCDC	District Cooperative Development Committee
DCP	Decentralised Procurement
DFPD	Department of Food & Public Distribution
DPR	Detailed Project Report
FCI	Food Corporation of India
FE	Fire Extinguisher
FB	Fire Bucket
MoC	Ministry of Cooperation
NABARD	National Bank for Agriculture and Rural Development
NABCONS	NABARD Consultancy Services
NAFED	National Agricultural Cooperative Marketing Federation of India
NBCC	NBCC (India) Limited. Formerly known as National Buildings Construction Corporation
NCCF	National Cooperative Consumers' Federation of India Ltd
NCDC	National Cooperative Development Corporation
Non DCP	Non-Decentralised Procurement
PACS	Primary Agricultural Credit Societies
PMC	Project Management Consultant
PMFME	Pradhan Mantri Formalization of Micro Food Processing Enterprises Scheme
PMU	Project Monitoring Unit
SCDC	State Cooperative Development Committee
SMAM	Sub-Mission on Agriculture Mechanization
StCBs	State Cooperative Banks
UCB	Urban Cooperative Bank



1. Background

India has long faced challenges related to food grain storage, including capacity deficits, wastage, distress sale etc. To address these, the Government of India approved the “World’s Largest Grain Storage Plan in Cooperative Sector” on 31st May 2023. This initiative aims to create decentralized agricultural infrastructure, including godowns, custom hiring centers, procurement facilities, and common processing units, at the level of Primary Agricultural Credit Societies (PACS) through convergence of existing government schemes such as the Agriculture Infrastructure Fund (AIF), Agricultural Marketing Infrastructure Scheme (AMI), Sub-Mission on Agriculture Mechanization (SMAM), and PM Formalization of Micro Food Processing Enterprises Scheme (PMFME). Since the approval of the plan, construction of godowns completed in 11 PACS across 11 states, creating a total storage capacity of 9,750 MT as part of the pilot projects and additionally foundation stone has been laid for 500 PACS.

During the implementation, certain bottlenecks were identified like low financial support to PACS and market linkage of the godowns. To mitigate these issues, key decisions have been taken in the 2nd IMC meeting for smooth execution of the plan mentioned in **Annexure I**. Accordingly, various corrective measures have been taken by the concerned Departments for expeditious implementation of grain storage project. Moving forward, focus will be given on accelerating the completion of godown construction, adopting alternate financing models, and hiring of constructed godowns

2. Plan

The present plan aims to create food grain storage and other agri infrastructure across the country in viable PACS, through convergence of various GoI schemes. The Pilot Project of the Plan has been completed in 11 PACS of 11 States i.e. Assam, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Tamil Nadu, Telangana, Tripura, Uttarakhand and Uttar Pradesh with total 9750 MT storage capacity created at PACS level, details of which mentioned at **Annexure II**. The plan is extended to more than 500 additional PACS where Foundation Stone has been laid by Hon'ble Prime Minister.



3. Implementation Mechanism

To ensure smooth and effective implementation of the plan, Committees at various levels have been constituted, starting from National level up to District level, as mentioned below:

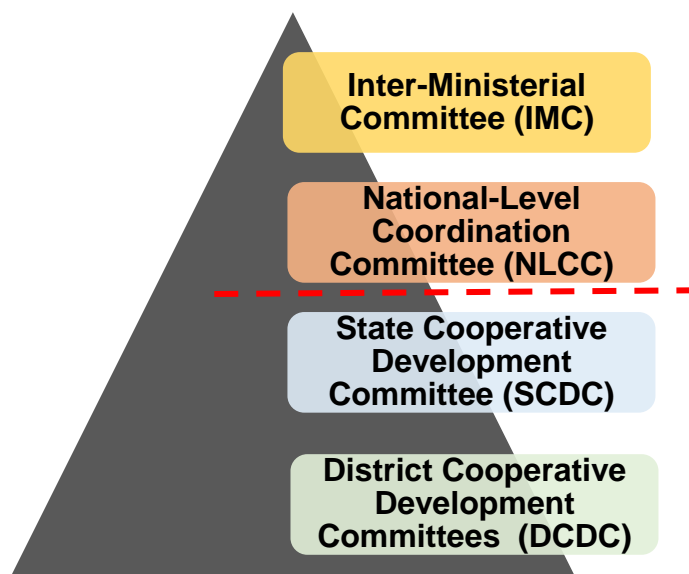
➤ **Inter-Ministerial**

Committee (IMC), chaired by Hon'ble Minister of Home and Cooperation

➤ **National Level Coordination Committee (NLCC)**, chaired by Secretary, Ministry of Cooperation

➤ **State Cooperative Development Committees (SCDCs)** at the State/ UT level, chaired by Chief Secretary of the State/ UT concerned; and

➤ **District Cooperative Development Committees (DCDCs)** at the district level, chaired by District Collector of the district concerned.




The composition of the above-mentioned Committees is given at **Annexure III**.

Further, a Project Management Unit (PMU) manned by experts is established by National Cooperative Development Corporation (NCDC) in Ministry of Cooperation (MoC), which will be monitoring implementation, coordinating with various stakeholders concerned and facilitating agencies for ensuring smooth implementation of the project.

3.1 Implementation Process

NCDC is the implementing agency of the World's Largest Grain Storage Plan in Cooperative Sector. The World's Largest Grain Storage Plan in Cooperative Sector is being implemented through convergence of existing government schemes such as the AIF, AMI, SMAM, and PMFME. The plan entails to create decentralized agricultural infrastructure, including godowns, custom hiring centers, procurement facilities, and common processing units, at PACS level by using the available financial resources in different schemes.



In the pilot project, the construction of godowns and other agri infrastructure was completed in 11 PACS across 11 States. Further, in order to scale up the implementation of the project, National Building Construction Corporation (NBCC (India) Ltd)., for construction, and National Cooperative Consumers' Federation of India Ltd (NCCF), for construction and hiring, have also been onboarded by NCDL for providing Project Management Consultant (PMC) services, assisting in construction of warehouses, providing technical assistance, etc. Along with the above agencies, National Agricultural Cooperative Marketing Federation (NAFED), is also participating in the program as PMC for construction and hiring of the agriculture storage.

The State/UT Cooperation Department also has the flexibility to appoint its own state agency as PMC for constructing agri-infrastructure in the PACS. If the State Cooperation department prefers to use a different construction agency other than the one onboarded by NCDL, the chosen agency must adhere to the **design and logo** requirements of the World's Largest Grain Storage Plan in the Cooperative Sector. Additionally, **PACS can also do the construction by their own**, provided they maintain required quality standards as essential for all constructions.

Flow charts indicating the process flow of Grain Storage Project is shown in **Figure I and Figure II**. The detailed step-wise process with expected outcome and timelines in formation of Grain Storage at PACS level is given in **Table 1 and Table 2**



Kotwa Pandey PACS, Mirzapur, Uttar Pradesh: Ministry of Cooperation

Fig 1. Flow Chart –

Scenario I - Construction by the State Agency/PMCs

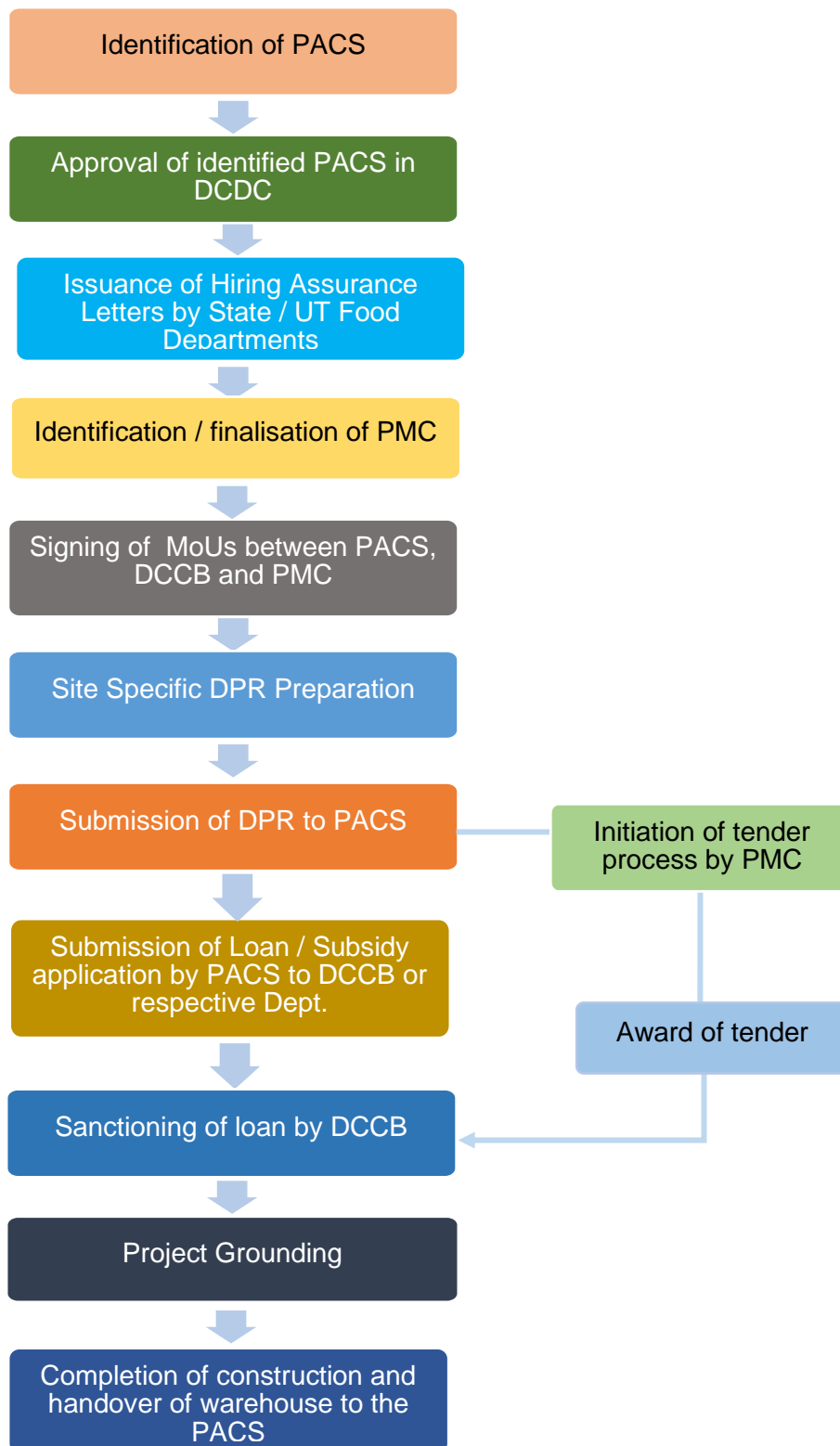


Fig 2. Flow Chart

Scenario II – Construction by PACS

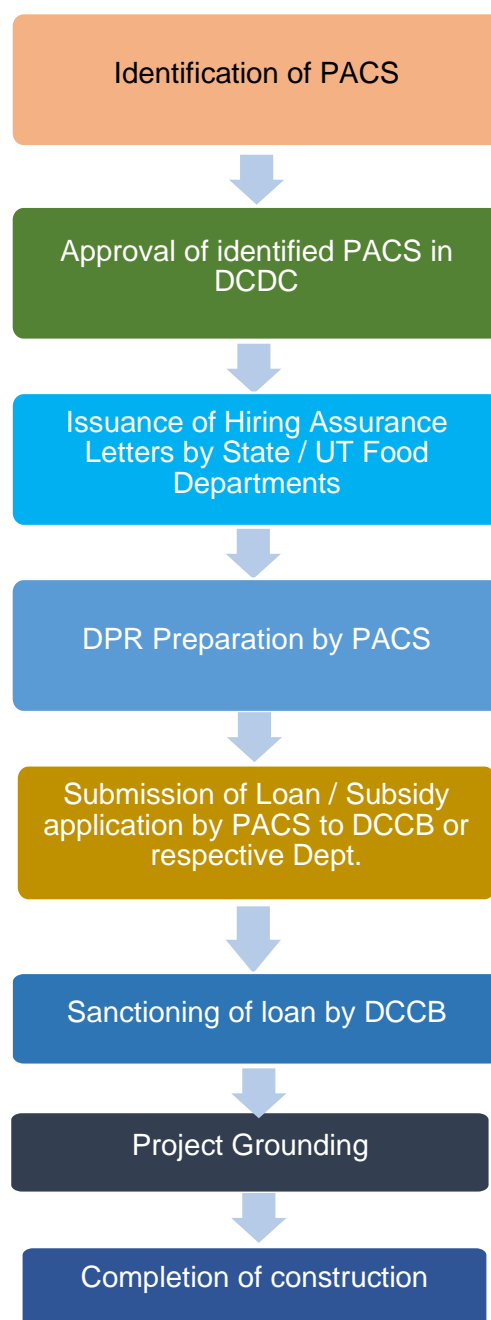




Table 1 : Scenario 1 - Implementation mechanism: Expected outcome and timelines, construction by the State Agency/PMCs

Sr	Event	Agency	Expected Outcome	Timelines for Completion by
1.	Identification of PACS	State Cooperative Department	Identification of viable PACS ensuring proper Land availability at PACS level.	D
2.	Approval of identified PACS in DCDC	District Collector, DCDC, RCS	Confirmation of identified viable PACS to ensure location, area and approximate capacity of Godown.	D + 1 Month from Identification of PACS.
3.	Issuance of Hiring Assurance Letters	State / UT Food Departments	Assured hiring of godowns to ensure Project viability and quick sanction of Loans by DCCBs /StCBs.	7 Days from DCDC Approval
4.	Identification / finalisation of PMC by State cooperation department	State Cooperative Department	Uniform quality of construction. Initiation of the implementation process.	7 Days from Identification of PACS
5.	Signing of Tripartite MoUs between PACS, DCCB/StCB and PMC	PMC, DCCB/StCB	All the stakeholders to be on one platform ensuring expeditious implementation.	7 Days from Approval of identified PACS in DCDC.
6.	Site specific DPR preparation	PMC, State Cooperative Department	Customized DPRs to meet specific requirements of the PACS. Creation of detailed budget / cost associated with the specific site.	20 Days from signing of MoUs
7.	Submission of DPR to PACS for approval	PACS / State Cooperative Department / PMC/DCCB/StCB	Submission of DPRs by PMC to the PACS for approval. Project readiness is ensured by PACS members	Within 10 Days from submission of DPR to PACS
8.	Initiation of tender process by PMC	PMC	Hiring of Construction Agencies.	Initiation of tender within 1 one day after getting in principal





Sr	Event	Agency	Expected Outcome	Timelines for Completion by
				approval from PACS
9.	Submission of application by PACS to DCCB or respective Dept. for availing loan and benefits under GOI Schemes (AIF, AMI, PMFME, SMAM, MIDH, PMKSY, etc.)	PACS / DCCB/StCB	submission of PACS application to respective portal for availing subsidy	2 Days from DPR approval by PACS
(i)	Initiation of application in AIF Portal	PACS, DCCB / StCB		
(ii)	Verification by AIF-PMU	AIF-PMU		
(iii)	Verification by DCCB / StCB	DCCB / StCB		
(iv)	NABARD RO Approval in AIF Portal	NABARD		
10.	Review and Sanctioning of loan	DCCB/StCB	Resolving query and Sanctioning of Loan by DCCB/StCB.	14 Days from DPR submission to DCCB
11.	Award of tender	PMC	Onboarding construction agency for construction Work.	45 Days from Loan Sanction
12.	Project Grounding	PMC, PACS, State Cooperative Department, DCCB / StCB	Stone laying and initiation of construction work.	10 Days from award of tender
13.	Completion of construction	PMC	Completion of work and handover warehouse to the PACS and initiation of business activities.	6 Months from initiation of Construction





Gantt Chart – I: Timeline – Construction by the State Agency/PMCs

Sl.No	Activity	Responsibility	M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9
1.	Identification of PACS	State Cooperative Department									
2.	Approval of identified PACS in DCDC	District Collector, DCDC, RCS									
3.	Issuance of Hiring Assurance Letters	State / UT Food Departments									
4.	Identification / finalisation of PMC	State Cooperative Department									
5.	Signing of MoUs between PACS, DCCB/StCB and PMC	PMC, DCCB/StCB									
6.	Site specific DPR preparation	PMC, State Cooperative Department									
7.	Initiation of tender process by PMC	PMC									
8.	Submission of DPR to PACS	PACS / State Cooperative Department / PMC									
9.	Submission of application by PACS to DCCB or respective Dept. for availing loan and benefits under GOI Schemes (AIF, AMI, PMFME, SMAM, MIDH, PMKSY, etc.)	PACS / DCCB/StCB									
9. (i)	Initiation of application in AIF Portal	PACS / DCCB/StCB									
9. (ii)	Verification by AIF-PMU	AIF-PMU									
9. (iii)	Verification by DCCB / StCB	DCCB / StCB									
9. (iv)	NABARD RO Approval in AIF Portal	NABARD									
10	Review and Sanctioning of loan	DCCB/StCB									
11.	Award of tender	PMC									
12.	Project Grounding	MoC, PMC, RCS									
13.	Completion of construction and handover warehouse to the PACS	PMC									



Table 2: Scenario II - Implementation Mechanism – Expected Outcome and timelines PACS as construction agency

Sr	Event	Agency	Expected Outcome	Timelines for completion by
1.	Identification of PACS	State Cooperation Department	Identification of viable PACS ensuring proper Land availability at PACS level.	D
2.	Approval of identified PACS in DCDC	District Collector, DCDC, State Cooperation Department	Confirmation of identified viable PACS to ensure location, area and approximate capacity of Godown.	D + 1 Month from Identification of PACS.
3.	Issuance of Hiring Assurance Letters	State / UT Food Departments	Assured hiring of godowns to ensure Project viability and quick sanction of Loans by DCCBs /StCBs.	7 Days from DCDC Approval
4.	DPR Preparation	PACS, State Cooperation Department, DCCB/StCB	Customized DPRs to meet specific requirements of the PACS. Creation of detailed budget / cost associated with the specific site.	1 Month from approval of PACS in DCDC
5.	Submission of application by PACS to DCCB or respective Dept. for availing loan and benefits under GOI Schemes (AIF, AMI, PMFME, SMAM, MIDH, PMKSY, etc.)	PACS / DCCB/StCB	submission of PACS application to respective portal for availing subsidy	2 Days from preparation of DPR
(i)	Initiation of application in AIF Portal	PACS, DCCB / StCB		
(ii)	Verification by AIF-PMU	AIF-PMU		
(iii)	Verification by DCCB / StCB	DCCB / StCB		
(iv)	NABARD RO Approval in AIF Portal	NABARD		





Sr	Event	Agency	Expected Outcome	Timelines for completion by
6.	Review and Sanctioning of loan	DCCB/StCB	Resolving query and Sanctioning of Loan by DCCB/StCB.	14 Days from DPR submission to DCCB
7.	Project Grounding	State Cooperation Department, PACS, DCCB/StCB	Stone Laying and initiation of construction work.	10 Days from sanctioning of Loan
8.	Completion of construction	PACS, DCCB/StCB	Completion of work and initiation of business activities.	6 Months from initiation of Construction

Case Study – Nerpingalai PACS, Amravati, Maharashtra

The society has constructed a 3000 MT warehouse under the World's Largest Grain Storage in Cooperative Sector initiative. The society gets benefit from the AMI (Agricultural Marketing Infrastructure) and AIF (Agriculture Infrastructure Fund) schemes. Additionally, with NABARD's refinance facility, the effective loan interest rate is 1%. Around 300 farmers storing approximately 32,000 bags of soybeans, and an advance of Rs 4.50 crore rupees has been given against the produce. The society will earn rent at the rate of Rs 2 / bag / month and additionally getting interest at the rate of 12% per annum on the distributed amount. With this the society will earn Rs 7.68 lakh per annum as rental income and getting Rs 54 lakh as interest income. With the warehouse ready, it has become convenient for more farmers in the surrounding area to store their produce. This has not only benefited the farmers but also increased the society's income. Employment opportunities have been created.



Nerpingali PACS warehouse and society member source: Ministry of Cooperation



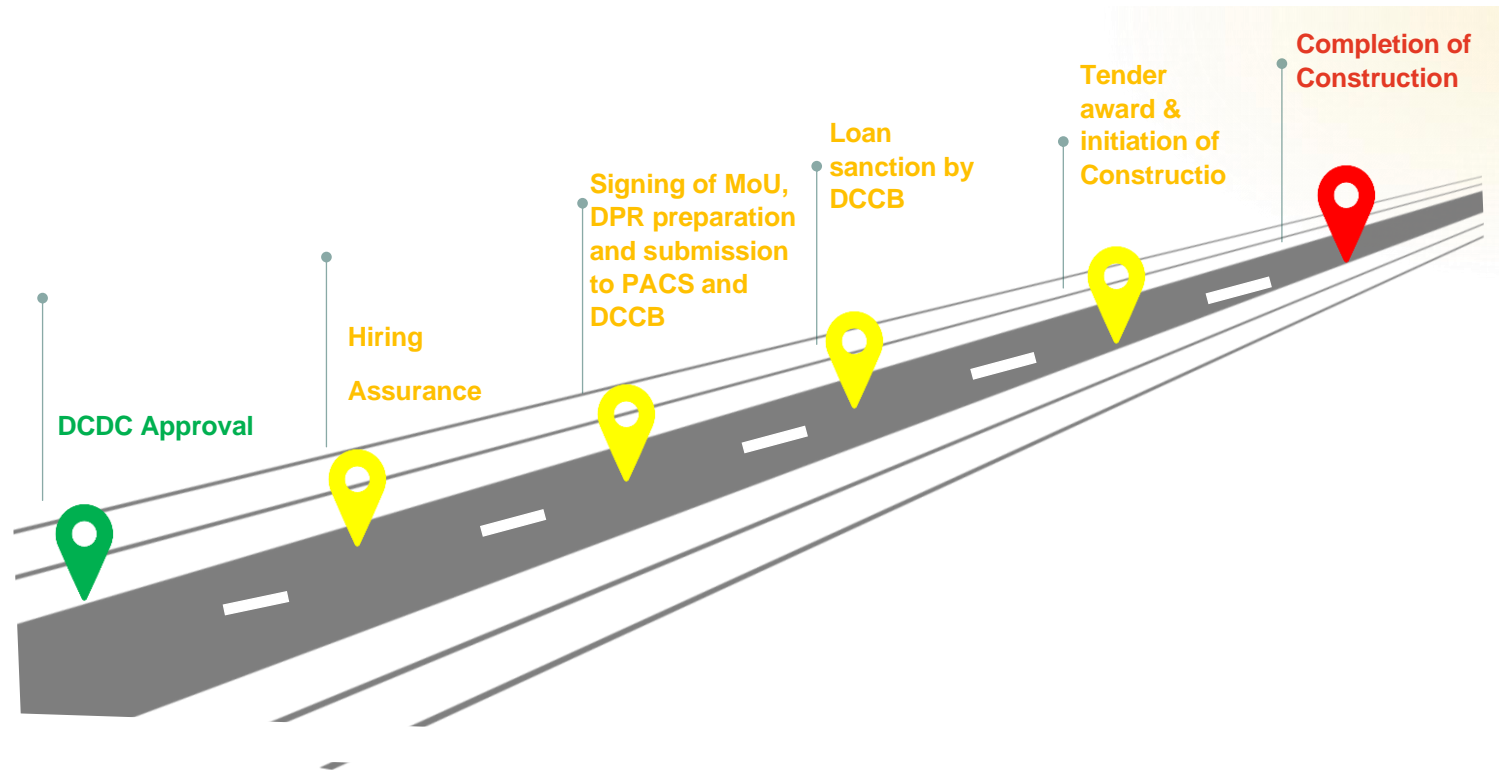


Gantt Chart – II: Timeline – World’s Largest Grain Storage Plan in Cooperative Sector with PACS as Construction Agency

Sl.No.	Activity	Responsibility	M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9
1.	Identification of PACS	State Cooperative Department									
2.	Approval of identified PACS in DCDC	District Collector, DCDC, RCS									
3.	Issuance of Hiring Assurance Letters	State / UT Food Departments									
4.	DPR Preparation	PACS, State Cooperative Department									
5.	Submission of application by PACS to DCCB or respective Dept. for availing loan and benefits under GOI Schemes (AIF, AMI, PMFME, SMAM, MIDH, PMKSY, etc.)	PACS / DCCB/StCB									
5. (i)	Initiation of application in AIF Portal	PACS / DCCB/StCB									
5. (ii)	Verification by AIF-PMU	AIF-PMU									
5. (iii)	Verification by DCCB / StCB	DCCB / StCB									
5. (iv)	NABARD RO Approval in AIF Portal	NABARD									
6.	Review and Sanctioning of loan	DCCB/StCB									
7.	Project Grounding	MoC, PMC, RCS									
8.	Completion of construction and handover warehouse to the PACS	PMC									



Fig 3. Major Project Milestones





4. Roles and Responsibilities of various stakeholders

The effective and smooth implementation of the project requires continuous coordination and support from all stakeholders concerned, including State Cooperation Department, NABARD, State Cooperative Banks (StCBs), District Central Cooperative Banks (DCCBs), PMCs etc.

For formation of new grain storages, State Cooperation Department shall be responsible for identification of suitable viable PACS through DCDC/SCDC and overall coordination amongst all stakeholders concerned. The parameters for selection of viable PACS is mentioned in **Annexure IV**. The detailed roles & responsibilities of various stakeholders are mentioned as below

1. Ministry of Cooperation (MoC):

- a. To convene the meetings of the IMC.
- b. To modify guidelines of schemes converging with World' Largest Grain Storage Plan in Cooperative Sector, as and when need arises, to ensure effective implementation of the plan.
- c. To sign requisite MoUs with the Ministries/ Departments and the State Governments concerned for implementing the Pilot Project.
- d. To review implementation of the World's Largest Grain Storage Plan in Cooperative Sector, including the Pilot Project.

2. National Bank for Agriculture and Rural Development (NABARD)

- a. To provide credit support to PACS through State Governments and/ or State Cooperative Banks and District Central Cooperative Banks.
- b. To provide refinance under Special Refinance Scheme for PACS as MSC to StCBs at 3% for lending to PACS at 4% (availing margin of 1% to be shared between DCCB and StCB)
- c. To provide handholding support to StCB/DCCB for sanctioning of the loan to PACS and monitor timely disbursement of loans to PACS.
- d. To provide requisite support to PACS/StCB/DCCB for implementation of the project.
- e. To support PACS through DCCBs/ StCB for online application of AMI scheme to avail subsidy
- f. Any other related matters for implementing the scheme





3. Department of Food and Public Distribution (DFPD)

- a. To ensure issuance of hiring assurance letter to PACS approved in DCDC / SCDC by concerned State / UT Food and Civil Supply Department
- b. To issue guidelines for integration and designation of godowns created under Grain storage project as Fair Price Shops, Procurement centers and Storage centers and advise State / UT Food and Civil Supply Department to hire PACS godown on priority
- c. To advise State / UT Food and Civil Supply Department to identify storage GAP in the district and share the information with State / UT cooperation department for identification of suitable PACS.
- d. To monitor the progress of the grain storage project regularly to ensure transparency and accountability
- e. To ensure full capacity utilization of the storage facilities created by the PACS, approved by DCDC / SCDC, under the Grain Storage project


4. Food Corporation of India (FCI)

- a. Identifying storage gap in the district and provide information to DCDC / SCDC
- b. Hiring of PACS godowns on priority in Non-DCP States, where procurement is less than consumption and food grains are transported by road
- c. Ensuring hiring of godowns, constructed with capacity 2500 MT or more, in areas where procurement is more than consumption.
- d. Ensuring hiring of godowns through SWC / State Govt. agencies. The rates prescribed for the CWC godowns for CAP / covered shall be applicable for reimbursement of the same

5. State Cooperative Development Committees (SCDCs):

- a. To assess food grain storage gap, marketable surplus, existing storage facilities, their capacity utilization, etc. In the State up to Block / Panchayat level.
- b. To provide necessary Government / Gram Sabha land to PACS/LAMPS/FSS for creation of grain storage facilities and other agri-infrastructure.
- c. To notify such PACS/LAMPS/FSS as procurement centre for procurement of food grains at Minimum Support Price (MSP)
- d. To grant Fair Price Shop (FPS) license to such PACS/LAMPS/FSS.



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- e. To assist in establishing linkages of agri infrastructure to be created at PACS/LAMPS/FSS with Central /State /Private agencies in coordination with all the stakeholders concerned, to ensure financial viability for PACS /LAMPS/FSS.
 - f. To monitor and review the progress of the district wise plans regularly for facilitating the World's Largest Grain Storage Plan in Cooperative Sector, including the pilot project.
 - g. To provide all necessary policy support for creation of infrastructure at the level of PACS/LAMPS/FSS
 - h. To extend all necessary support and issue requisite directions to District Cooperative Development Committee (DCDC) and review their outcomes for successful implementation of the plan at the grassroots level in a time bound manner.
 - i. Any other related matters.

6. District Cooperative Development Committee (DCDC)

- a. To examine and assess the availability of existing storage facilities, their capacity utilization, storage gap, capacity of proposed godowns, viability of the applicant PACS, location of the proposed project, connectivity, logistics, etc.
- b. To allocate Government/ Gram Sabha land to PACS/LAMPS/FSS for creation of grain storage facilities and other agri-infrastructure.
- c. To notify such PACS/ LAMPS/ FSS as procurement centre for procurement of food grains at Minimum Support Price (MSP).
- d. To grant Fair Price Shop (FPS) license to such PACS/ LAMPS/ FSS.
- e. To facilitate in preparation of Detailed Project Reports (DPRs) for the PACS/ LAMPS/ FSS with the support of NABCONS, NBCC or any other National/State Level Cooperative Federation or any other Central/ State Level Government Agencies, etc. for availing subsidy/ interest subvention under various GOI schemes.
- f. To recommend the proposal of applicant PACS/ LAMPS/ FSS for creation, refurbishment, modernization and upgradation of agri infrastructure.
- g. To provide all necessary logistical and infrastructural support, including utilities, road connectivity, etc. to the PACS/ LAMPS/ FSS.
- h. To coordinate with all the line Departments for granting requisite approvals/ clearances/ permissions to the PACS/ LAMPS/ FSS.

- 
- i. To assist in establishing linkages of agri infrastructure to be created at PACS/ LAMPS/FSS with Central/ State/ Private agencies in coordination with all the stakeholders concerned, to ensure financial viability for PACS/ LAMPS/ FSS.
 - j. To coordinate with all stakeholders concerned and provide all necessary support for ensuring implementation of the Plan.
 - k. Any other related matters.

7. State Cooperation Department / RCS

- a. Identification of viable PACS and get is approved through DCDC/SCDC.
- b. Identification and finalization of construction agency
- c. Supporting PACS and PMCs for smooth implementation of the project
- d. Designating a nodal person for the Grain Storage Project
- e. Resolving any issue arises during the implementation of the project
- f. Providing regular progress update of the project to MoC
- g. Supporting in linkages and hiring of the godowns
- h. Ensuring highest Standards of Quality Assurance where the state has dovetail its state scheme or PACS are doing the construction by itself

8. Project Management Consultants (PMCs)/Construction agencies

- a. Signing of MoU, survey, monitoring and Implementation
- b. Preparing DPR and submission to PACS for its approval. Further, the PMCs should prepare site specific DPR complete in all respects taking into aspects such as soil load bearing test, land survey etc.
- c. Workout activities of construction in consultation with State Government.
- d. Hiring of contractor/vendor for construction of godown
- e. Monitoring of construction work / project regularly
- f. Completing the project in desired timeline
- g. Coordinating with different departments / agencies for smooth implementation
- h. Work in close coordination with PACS
- i. Timely Payment to contractor / vendor
- j. Prepare risk management strategies to mitigate any risk arises at the PACS level.
- k. Timely submission of progress report to MoC and NCDC
- l. Construction agencies are mandated to uphold the highest standards of Quality Assurance



9. NAFED and NCCF

To work as PMC along with the following:

- a. Identifying suitable PACS for grain storage project, in their procurement area and share the details with State Cooperation Department
- b. Signing of MoUs/hiring agreement with PACS for hiring of warehouses constructed under Grain Storage Project, in the districts where procurement is conducted or proposed by the agencies
- c. Hiring of the godowns constructed by the respective agency.
- d. Handholding of PACS for grain storage project

10. State Cooperative Banks (StCBs)/District Central Cooperative Bank (DCCBs)

- a. Supporting PACS for participating in Grain Storage Project
- b. Providing credit support to PACS
- c. Sanctioning of loan to PACS timely
- d. Supporting PACS in applying under various applicable schemes for subsidy at respective portals
- e. Monitoring project site regularly


11. NABCONS

- a. Providing support in approving the PACS application under AIF scheme.
- b. Monitoring timely disbursement of interest subvention to account.
- c. Providing timely report to Ministry of Cooperation related to AIF applications for Grain storage project

5. Budgetary Provision, Financial Support and Dovetailing

The grain storage plan entails **to utilise the approved outlays of the existing central schemes** for creation of infrastructure facilities for agriculture and allied activities for PACS. Therefore, **there is no any additional budget allocated by the MoC**. However, the existing State schemes can be dovetailed with this scheme for benefiting PACS. The funding support available under different scheme is as follows:





Sr.No	Scheme/Program	Type of Support	Financial Support
1	AIF	Interest subvention	3% interest subvention
2	AMI	Subsidy	33.33% subsidy
3	SMAM	Subsidy	40% subsidy on purchase of machines and equipments
4	PMFME	Subsidy	35% subsidy
5	Grain Storage	Refinance to DCCB/StCB	Refinance to StCB/DCCB @ 3% by NABARD. This will support PACS in getting loan from DCCB/StCB @ 1%.

The brief benefits of the above-mentioned schemes are given in **Annexure V**. Further, few States / UTs have taken initiative to provide support to PACS for construction of godowns under Grain Storage Project. The States/UTs providing funding support to PACS are as follows:

Sr.No	State	Benefits provided to PACS
1	Rajasthan	100% financial support (Rs 25 Lakh per PACS), to PACS for creation of 500 MT of godown
2	J&K	10% Margin money support to PACS
3	Jharkhand	100% financial support (Rs 80 Lakh per PACS), to PACS for creation of 500 MT of godown
4	Gujarat	Rs 5000/MT subsidy is provided to PACS, maximum ceiling Rs 50 Lakh.

5.1 Dovetailing

PACS Godowns constructed under State Sponsored Schemes or other Centrally Sponsored Schemes like AIF, MSC, etc. may be dovetailed with World's Largest Grain Storage Plan in Cooperative Sector subject to meeting/adherence to standard of Grain Storage plan and WDRA norms.

All States / UTs administration and Agencies must ensure uniform design (*PEB structure preferred*), logo and colour scheme of the grain storage project in the godowns constructed under the initiative. further, to include these pacs godowns under the grain storage plan, States / UTs must share the following details with MoC:

1. A detailed proposal regarding the Godown Construction
2. Site specific cost estimates
3. Details of Structure and type of godowns (whether PEB, Self Supported, RCC, etc.)
4. Current usage of godowns
5. Photographs
6. PACS board resolution
7. Status of ownership of godowns

6. Branding, visibility and quality assurance

6.1 Branding and Visibility: To ensure uniformity and visibility, each storage structure should have the approved grain storage logo. The scheme's approved logo and colour scheme have also been shared with all the States for ensuring consistent branding across all storage facilities. This branding will help in creating a recognizable identity for the scheme, and build trust and awareness among stakeholders. Further, the godown structure should be in line with the godowns constructed in the pilot project (PEB structure).



Grain Storage Logo

6.2 Quality assurance:

- a) **Design and Engineering Standards:** It is to ensure that the warehouse design is suited for the local environmental conditions. Durable materials resistant to corrosion should be used and incorporate systems for proper ventilation to prevent spoilage. The structure should be in compliance with the WDRA norms
- b) **Construction Practices:** Skilled labour and experienced contractors familiar with construction standards should be engaged. Regular inspections and tests shall be conducted during construction to ensure compliance with design specifications and safety standards
- c) **Material Selection:** High-quality materials to be used to ensure longevity and efficiency of the storage structure
- d) **Regular Quality Audits:** Regular quality audits, along with PACS BoD to be conducted to ensure compliance with established standards and identify areas for improvement. This will help in maintaining the overall quality of the storage structure

- e) **Community Involvement and Transparency:** Members of the PACS should monitor the progress of the project regularly. Project Management Consultants (PMC) should share updates on construction progress and expenses incurred. This ensures transparency and accountability, fostering trust within the community

7. Hiring Assurance:

For **Assured Hiring** and to ensure **optimal utilization** of the storage capacity being developed at the **PACS level**, a **Memorandum of Understanding (MoU)** has been signed between the **MoC, DFPD, FCI, and NCDC**.

- a) In this regard, **DFPD (GoI)** has issued an **advisory to all Decentralized Procurement (DCP) States/UTs**, with the following recommendations:



- i. The **selection of location of PACS and capacity** of godowns to be constructed under the **World's Largest Grain Storage Plan in the Cooperative Sector** shall be approved by **DCDC and SCDC** to ensure strategic placement.
 - ii. Once PACS are approved in **DCDC/SCDC**, the **State Food and Civil Supply Departments** will issue **Hiring Assurance Letters** to each PACS. These letters will support PACS in getting loan sanctioned from **DCCBs/StCBs** Sample cost sheets with financial viability is given in **Annexure VI**.
 - iii. Godowns constructed under the **Grain Storage Project** to be **given priority consideration** for designation as **Fair Price Shops (FPS), procurement centers, and storage centers**.
 - iv. Additionally, enabling provisions have been included in the **provisional cost sheets of states** to facilitate the process.
- b) For **Non-DCP States**, **FCI has issued specific directives** for hiring **PACS godowns** once they receive approval from the **DCDC/SCDC**. **FCI representatives** in these committees (DCDC/SCDC) will actively **identify locations with storage gaps** and **recommend godown construction** in such areas. The godowns built at PACS will be **hired through the State Warehousing**

Corporation (SWC) or respective State Government Agencies, ensuring seamless integration into the public storage system. Furthermore, **reimbursement rates** for these godowns will follow the **Central Warehousing Corporation (CWC) prescribed rates for CAP/Covered storage**, and their hiring will be given **overriding priority**. The details of the DCP and Non – DPC states are given in **Annexure VII**.

A sample analysis has also been done by the MoC on the transportation cost model of the FCI. Analysis was conducted for Chandauli district, Uttar Pradesh, covering cost parameters and distances of procurement centers, rice mills, consumption centers and FCI warehouses, and various cost parameters. The analysis adopts the **Triangulation Method** to map the distances between PACS as procurement center, FPS, and rice mills, thereby **identifying optimal PACS locations in areas** where FCI or state agencies can do procurement through PACS, store in PACS godowns and distribute (through FPS) and **results in saving in Transportation cost**. The analysis considers scenarios where **procurement \leq consumption**, **procurement \geq consumption**, and **food grains are transported by road**. Details of calculations as shared by FCI are provided in **Annexure VIII**. This process may also be used for identifying optimal location for a PACS warehouse, from which procurement, storage, and distribution (FPS) will be managed by PACS.

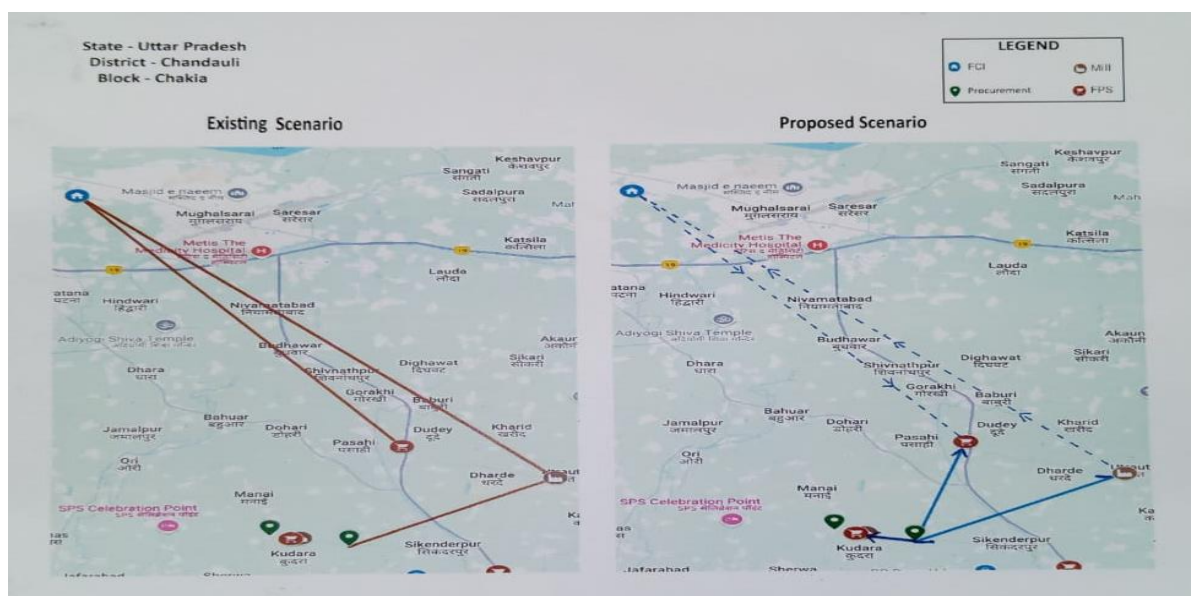



Diagram of Triangulation Method: Existing and Proposed Scenarios

- 
- c) Besides FCI and the State Food and Civil Supply Departments, both **NAFED and NCCF** have been instructed during the **second Inter-Ministerial Committee (IMC) meeting to sign MoUs with PACS for leasing warehouses in districts where procurement is ongoing or planned**. This directive aims to **strengthen procurement operations** by leveraging **PACS infrastructure** to improve storage and distribution efficiency at the grassroots level.

8. Regulations under Warehouse Development and Regulatory Authority (WDRA)

To ensure **scientific storage, quality maintenance, and transparency** in warehouse operations, the **Warehousing Development and Regulatory Authority (WDRA)** has established a set of norms and regulations. These guidelines aim to **standardize warehousing practices, facilitate accreditation, and promote negotiable warehouse receipts (NWRs)**, enabling farmers and cooperatives to access **institutional credit and efficient storage solutions**. Given the strategic importance of the **World's Largest Grain Storage Project in Cooperative Sector**, WDRA has made **special relaxations** regarding **infrastructural requirements** for registration of godowns constructed and owned by PACS under the said Project.

WDRA norms for registration of PACS Godowns

1. In case the godowns is located on a raised well drained site not liable for flooding / inundations and is away for a place likely to be affected by seepage water a plinth height of at least 30 cm may be accepted.
2. The minimum limit for capacity to be registered in case of PACS godowns will be 100 MT.
3. Availability of parking and manoeuvring space for vehicles shall not be insisted upon.
4. The godowns should have a stack plan drawn leaving reasonable space for alleyways.
5. Other than the Secretary of the society one more staff of the PACS shall be engaged (on full or part time basis) for storage and preservation of the goods in the godown.
6. Availability of security guards may be desirable but not insisted upon for registration of the godown.
7. Availability of a pucca boundary wall / barbed wire fencing shall not be insisted upon. However, the warehouse should have adequate arrangement for locking of godown and safety/security of stocks.

8. PACS godowns up to 500 MT capacity shall have at least 1 FE (of requisite type) and 6 FB.
9. PACS godowns more than 500 MT capacity shall have 5 FE and 15 FB.

9. Monitoring Mechanism

The NLCC at national level, SCDC at state level and DCDC at district level, have already been constituted. These bodies shall undertake reviews on a monthly basis. However, regular monitoring of the project is also being done by the highest level in the MoC.



Representative model under World's Largest Grain Storage Plan in Cooperative Sector



Annexure I

Decisions taken in the 2nd IMC Meeting and action taken so far

Sl. No.	Decisions	Actions taken so far on the decisions
Financial assistance related		
1.	Department of Agriculture and Farmers Welfare (DA&FW), to issue order regarding calculation of AMI subsidies for plains and North-Eastern/hilly areas based on CPWD's current construction cost.	Cost of construction norms revised under AMI as follows: North Eastern States: Rs. 8,000/- per MT Other areas: Upto 1000 MT: Rs. 7,000/- per MT More than 1000 MT up to capacity ceiling: Rs. 6,000/- per MT
2.	DA&FW to issue order regarding allocation of 33.33% subsidy under AMI to PACS as well (earlier 25%).	<ul style="list-style-type: none"> PACS are now eligible to avail subsidy @ 33.33% Margin Money requirement has also been reduced from 20% to 10%
3.	DA&FW, to issue order to include infrastructure like boundary walls, roads, and weighbridges in the AMI scheme's project cost for subsidy calculation.	Apart from assistance for Storage Infrastructure on Capital Cost (including ancillaries like Boundary Wall, Drainage, etc.), now there is additional subsidy on ancillaries that is restricted to a maximum 1/3 rd of the total permissible subsidy of the godown component or whichever is lower, applicable to only PACS
Hiring of Godown		
7.	NCCF and NAFED to sign MoUs with PACS for leasing warehouses in the districts where procurement is conducted or proposed by them.	<ul style="list-style-type: none"> NCCF has shared hiring agreement format with Maharashtra and Karnataka. Additionally, NCCF has signed hiring agreements with PACS in Nashik Similar process will be followed in other States as well where procurement is being done or planned to be undertaken by NCCF.



		<ul style="list-style-type: none">Also, NAFED is in process of signing MoUs and Hiring Agreement, with the PACS identified in Haryana, Gujarat and Rajasthan.
8.	DFPD to ensure that warehouse constructed by PACS in DCP states are rented out by FCI/State Government agency	<p>DFPD has issued an advisory to all States/UT, through his DO letter dated 27th November, 2024, to give priority consideration to godowns being constructed under World's Largest Grain Storage Plan in Cooperative Sector, for designation as FPS, Procurement center, Storage center etc. subject to the selection of location and capacity through DCDC / SCDC. This will be treated as a precondition for release for reimbursement claims at government approved rates by DFPD to States/uts for procurement/storage of food grains. Enabling provisions for the same are also being inserted in the provisional cost sheet of States.</p> <p>Further, DFPD has directed state to issue assurance letters to PACS for the utilization of godowns created under the project.</p>

**Annexure II****Details of pilot project**

S.No.	States/UT	District	Name of PACS	Capacity of Godown (MT)	Infrastructure created
1.	Maharashtra	Amravati	Neripanglai Vividh Karyakari Sahakari Sanstha	3,000	Godown
2.	Uttar Pradesh	Mirzapur	Bahudeshiya Prathamik Grameen Sahakari Samiti Limited, Kotwa Panday	1,500	Godown
3.	Madhya Pradesh	Balaghat	Bahudeshiya Prathamik Krishi Saakh Sahakari Society Maryadit Parswada	500	Godown + Paddy Primary processing unit
4.	Gujarat	Ahmedabad	The Chandranagar Group Seva Sahakari Mandli Limited	750	Godown
5.	Tamil Nadu	Theni	Silamarathupatti Primary Agriculture Credit Society	1,000	Godown
6.	Rajasthan	Sri Ganganagar	Ghumudwali Gram Seva Sahakari Samiti Limited	250	Godown + Seed grading unit + Custom hiring center
7.	Telangana	Karimnagar	Primary Agriculture Credit Society Limited, Gambhiropet	500	Godown+ processing unit
8.	Karnataka	Bidar	Primary Agriculture Cooperative Federation Limited, Ekamba	1,000	Godown+ processing unit
9.	Tripura	Gomati	Khilpara Primary Agriculture Credit Society Limited	250	Godown+ processing unit+Grameen haat
10.	Assam	Kamrup	2 No. Pub Bongshar G.P.S.S Limited	500	Godown
11.	Uttarakhand	Dehradun	Bahudeshiya Kisan Seva Sahakari Samiti Limited, Sahaspur	500	Godown
	Total			9,750	



Composition of various committees**A. Inter-Ministerial Committee (IMC)**

An Inter-Ministerial Committee (IMC) under the Chairmanship of Hon'ble Minister of Cooperation has been constituted to modify guidelines/ implementation methodologies of the identified schemes of the respective Ministries, as and when need arises, within the approved outlays and prescribed goals, for facilitation of 'World's Largest Grain Storage Plan in Cooperative Sector'. Hon'ble Minister of Agriculture and Farmers Welfare, Hon'ble Minister of Consumer Affairs, Food and Public Distribution and Hon'ble Minister of Food Processing Industries and Secretaries concerned are the members of the IMC.

B. National Level Coordination Committee (NLCC)

NLCC has also been constituted under the chairmanship of Secretary (Cooperation) with Secretaries of Ministries concerned; Cooperation Secretaries of the States/ UTs; Chairman NABARD, FCI, CWC and WDRA; MD NCDC, etc. as members.

C. State Cooperative Development Committee (SCDC)

SCDC has also been constituted at the State level under the chairmanship of the Chief Secretary of the State concerned. Secretary Cooperation of the State/ UT concerned is the convener of the Committee and ACS/ Principal Secretaries/ Secretaries of State Departments of Agriculture, , Food & Civil Supplies, Rural Development, Revenue, Horticulture, Finance; Registrar of Cooperative Societies; representatives of NABARD, NDDB, NFDB; Chairman/ MD of StCB, Food Corporation of India (FCI), Warehousing Development and Regulatory Authority (WDRA), Central Warehousing Corporation (CWC), State Warehousing Corporation (SWC); etc. will be its members. State Governments may onboard any agency or financial experts for assisting PACS in preparation of DPRs, etc.

D. District Cooperative Development Committee (DCDC)

DCDC is constituted under the chairmanship of the District Collector concerned and has members from different departments such as Agriculture, Food and Civil Supplies, Cooperation, Animal Husbandry & Dairying, Fisheries, Revenue; DDM NABARD; MD, DCCB; representative of Food Corporation of India (FCI), Central Warehousing Corporation (CWC), State Warehousing Corporation (SWC), Warehousing Development and Regulatory Authority (WDRA), District Milk Unions, District Fishery Federation; CEO Zilla Panchayat, etc. District Cooperation Officer/ Deputy Registrar of Cooperative Societies will be the convener of this committee.

Parameters for identification of PACS	
Identification	<ul style="list-style-type: none"> To be identified and approved through DCDC PACS godowns should be located in areas with a demand for storage
Land	<ul style="list-style-type: none"> PACS should have its own land. The land should not be in low lying and waterlogged area The available land should not be under forest area or not hindering the common resources All members of PACS should give their consent for utilisation of land for construction of godown In case of land taken on lease, it should be on long lease for more than 20 years
Net worth	<ul style="list-style-type: none"> Must be positive in last two consecutive FY Should not be a bank defaulter
Profitability	<ul style="list-style-type: none"> PACS should be profitable in last three consecutive FY.
Minimum profit should be	<ul style="list-style-type: none"> Cumulative profit of last three year should be more than Rs 5 lakh
Business activities	<ul style="list-style-type: none"> Preference should be given to PACS engaged in more than one business activity (like Credit, Seed and Fertiliser distribution, Storage, Procurement, Processing unit, Custom Hiring Center, pledge financing etc)
Minimum storage capacity required to participate in the scheme	<ul style="list-style-type: none"> Preferred storage capacity more than 500 MT

About convergence schemes

I. Agriculture Infrastructure Fund (AIF)

About the Scheme:

The Agriculture Infrastructure Fund (AIF) is a financial support scheme initiated by the government of India. The primary objective of the fund is to strengthen the agricultural sector by providing financial assistance for the development and upgradation of post-harvest infrastructure and community farming assets.

Benefits of the Scheme:

- **Interest Subvention:** Cap of ROI \leq 9% & **subvention of 3% p.a.** (NABARD loans for PACS at 1% post subvention)
- **Credit Guarantee:** Under CGTMSE scheme for loan up to Rs. 2 Crore (FPO Promotion Fund Support for FPOs)
- **Convergence:** Allowed to dovetail with several schemes (across ministries, state govt.)
- Up to 25 projects at different locations; Rs.2 Cr. per Project
- **Margin money requirement – 10%**

How to apply:

- Apply online on the portal - <https://agriinfra.dac.gov.in/Home>
- Process of Application in AIF portal and approval
- After approval of DPR by PACS, the same should be applied in AIF portal.
- The project needs to be approved in the AIF portal by PMU of AIF.
- After approval by PMU of AIF, the respective DCCB should recommend to StCB and StCB should recommend to respective NABARD RO for approval.
- DCCB should sanction the project and update the sanction in AIF portal.
- DCCB should release the loan amount and update the details in AIF portal.
- DCCB should claim the interest subvention through AIF portal.
- StCB and NABARD RO to recommend the interest subvention to AIF PMU/MoA for sanction and release of interest subvention.

II. Agriculture Marketing Infrastructure (AMI)

About the Scheme:

The Agricultural Marketing Infrastructure (AMI) sub-scheme of ISAM is being implemented by the Ministry of Agriculture and Farmers' Welfare, Government of India. NABARD is the channelising agency for release of subsidy.

Benefits of the Scheme:

- PACS are eligible to avail subsidy @ 33.33%.
- **Margin money requirement – 10%**
- **Cost norm –**

Category	Rate of Subsidy	50 – 1000 MT		More than 1000 MT	
		Cost of Construction	Subsidy / MT	Cost of Construction	Subsidy / MT
State agencies in NE states, Sikkim, UTs of ANI, Lakshadweep Islands, Hilly areas & Projects of Coop. Channelized through NCDC	33.33%	Rs 8,000/-	Rs 2,666.40/-	Rs 8,000/-	Rs 2,666.40/-
For all other categories of beneficiaries in NE states, Sikkim, UTs of ANI, Lakshadweep Islands, Hilly areas & PACS	33.33%	Rs 8,000/-	Rs 2,666.40/-	Rs 8,000/-	Rs 2,666.40/-
In Other areas					
State agencies & projects of Coop. Channelized through NCDC	25%	Rs 7,000/-	Rs 1,750/-	Rs 6,000/-	Rs 1,500/-
For registered FPOs, Panchayats, Women, SC/ST entrepreneurs of their coops. / SHGs & PACS	33.33%	Rs 7,000/-	Rs 2,333/-	Rs 6,000/-	Rs 2,000/-
For all other Categories of Beneficiaries	25%	Rs 7,000/-	Rs 1,750/-	Rs 6,000/-	Rs 1,500/-

- Other than above, additional subsidy may be provided to PACS for ancillary facilities like boundary wall, internal road, internal drainage system, weighing, grading packing, quality testing and certification, firefighting equipment etc. which are functionally required to operate the project. The additional subsidy may be restricted to a maximum of 1/3rd of the total permissible subsidy of the godown component or actual whichever is lower. Further this provision is restricted only to PACS

How to apply:

- Apply online on the NABARD ensure portal within 60 days of disbursement of 1st loan installment - <https://ensure.nabard.org/#/login>
- For more details pls follow - <https://dmi.gov.in/Schemeamigs.aspx>



III. Sub-Mission on Agriculture Mechanization (SMAM)

About the Scheme:

The Sub-Mission on Agricultural Mechanization (SMAM) is a scheme initiated by the Government of India to promote the adoption of modern and efficient agricultural machinery and equipment among farmers. It is part of the larger scheme called the "National Mission on Agricultural Extension and Technology" (NMAET) under the Ministry of Agriculture and Farmers' Welfare.

Benefits of the Scheme:

SMAM scheme aims to create a farm machinery ecosystem that addresses the varied needs of farmers across different regions and cropping patterns, ensuring inclusive and sustainable agricultural mechanization in India. The scheme provides financial assistance for the purchase and establishment of agricultural machinery and equipment.

- For Training/ Demonstration - 80% grant-in-aid for purchase of machinery and equipment including post-harvest technology machines for conducting demonstrations on the farmers' fields
- Individual beneficiaries - 40% of machine cost, 50% of machine cost for SC, ST, Small & Marginal farmers & NE beneficiaries (Under DBT)
- Custom hiring Centres - 40% of the machine cost

How to Apply

- Apply online / offline on the state nodal agency portal of the scheme

IV. Pradhan Mantri Formalization of Micro Food Processing Enterprises (PMFME)

About the Scheme:

The Pradhan Mantri Formalization of Micro Food Processing Enterprises (PMFME) is a flagship scheme launched by the Government of India to promote the formalization and growth of micro food processing units in the country and aims to support the food processing sector, especially the small and micro enterprises.

Benefits of the Scheme:

➤ Support to Individual Micro Enterprises:

- Credit-linked capital subsidy @35% of the eligible project cost
- Maximum ceiling - Rs.10.0 lakh per unit.
- Beneficiary contribution - 10% of the project cost with balance being loan from Bank.

➤ Support to FPOs/Producer Cooperatives:

- Grant @35% with credit linkage



- 
- Training support

➤ **Support to SHGs:**

- Seed capital @ Rs40,000/- per member of SHG - working capital
- Individual SHG member - credit linked grant @35% cap of Rs 10 lakh.
- Training & Handholding Support to SHG

➤ **Support for Common Infrastructure (hiring basis):** - the PACS application are to be made under this category

- **Eligible Beneficiaries:** FPOs, SHGs, cooperatives, any Government agency or private enterprises.
- Subsidy: Credit linked grant @ 35%

How to Apply

- Apply online - <https://pmfme.mofpi.gov.in/pmfme/#/Home-Page>



Annexure VI

Illustrative examples of cost benefit and financial viability of Godown and Procurement Center in Plain Areas

Sl.No.	Particulars	Estimated Cost		
1. Standard Godown Details				
A	Capacity of godown (MT)	1,000.00	Godown	Ancillary
B	Cost of godown including GST	99,73,134.00	71,66,706.00	28,06,428.00
C	Margin Money%	10.00%		
	Margin Money	9,97,313.40		
D	Subsidy@ (Rs/MT)	3,111.11	2,333.33	777.78
	Subsidy amount	31,11,110.00		
E	Loan to be financed by Bank	58,64,710.60		

Particulars	Assumptions	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Installed capacity (MT)	1,000.00							
Capacity Utilization for Renting	70%	70%	90%	90%	90%	90%	90%	90%
Rent per year per MT (in Rs)	1,226.40	1,226.40	1,263.19	1,301.09	1,340.12	1,380.32	1,421.73	1,464.39
Capacity Utilization for Procurement	100%	100%	100%	100%	100%	100%	100%	100%
Procurement of Grain- RMS and KMS (in MT)	2,000.00							
Procurement Commission per MT (in Rs)	300.00	300.00	309.00	318.27	327.82	337.65	347.78	358.22
Income								
Income from Rent	3%	8,58,480.00	1,36,872.80	11,70,978.98	12,06,108.35	12,42,291.60	12,79,560.35	13,17,947.16
Income from commission (procurement)	3%	6,00,000.00	6,18,000.00	6,36,540.00	6,55,636.20	6,75,305.29	6,95,564.44	7,16,431.38
Total Income		14,58,480.00	17,54,872.80	18,07,518.98	18,61,744.55	19,17,596.89	19,75,124.80	20,34,378.54



Particulars	Assumptions	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Expenses								
Salary (Rs 15,000 for 1 staff)	5%	1,80,000.00	1,89,000.00	1,98,450.00	2,08,372.50	2,18,791.13	2,29,730.68	2,41,217.22
Electricity(Rs 1,500 per month)	3%	12,600.00	16,686.00	17,186.58	17,702.18	18,233.24	18,780.24	19,343.65
Fumigation(Rs 2,500 per qtr)	6%	7,000.00	9,540.00	10,112.40	10,719.14	11,362.29	12,044.03	12,766.67
Misc. expenses (maintenance and other) Rs 5000 p.m.	3%	60,000.00	61,800.00	63,654.00	65,563.62	67,530.53	69,556.44	71,643.14
Total Expense		2,59,600.00	2,77,026.00	2,89,402.98	3,02,357.44	3,15,917.19	3,30,111.40	3,44,970.67
Surplus		11,98,880.00	14,77,846.80	15,18,116.00	15,59,387.11	16,01,679.70	16,45,013.40	16,89,407.87
Interest Repayment		58,644.00	58,644.00	53,388.00	41,839.00	30,175.00	18,390.00	6,491.00
Depreciation (@10% of building cost)	10%	9,97,313.40	8,97,582.06	8,07,823.85	7,27,041.47	6,54,337.32	5,88,903.59	5,30,013.23
Net Profit		1,42,922.60	5,21,620.74	6,56,904.15	7,90,506.64	9,17,167.38	10,37,719.81	11,52,903.64
Net Cashflow for IRR		11,40,236.00	14,19,202.80	14,64,728.00	15,17,548.11	15,71,504.70	16,26,623.40	16,82,916.87
IRR (25 Years)								
Instalment of Principal		-	-	11,49,610.58	11,61,159.58	11,72,823.58	11,84,608.58	11,96,507.58
Debts to be Serviced		58,644.00	58,644.00	12,02,998.58	12,02,998.58	12,02,998.58	12,02,998.58	12,02,998.58

Details of DCP and Non DCP States / UT

1. Decentralised Procurement (DCP) States / UT

Sr. No	State / region
1	BIHAR
2	JHARKHAND
3	ODISHA
4	WEST BENGAL
5	TRIPURA
6	GUJARAT
7	MAHARASHTRA
8	MADHYA PRADESH
9	CHHATISHGARH
10	UTTARAKHAND
11	ANDHRA PRADESH
12	TELANGANA
13	KERALA
14	KARNATAKA
15	PUNJAB (<i>Wheat – DCP</i>)
16	TAMIL NADU
17	HARYANA (<i>Wheat handled by State</i>)

2. Non Decentralised Procurement (Non – DCP) States / UT

Sr. No	State / region
1	ASSAM
2	RAJASTHAN
3	UTTAR PRADESH
4	HIMANCHAL PRADESH
5	JAMMU & KASHMIR
6	PUDUCHERRY
7	SIKKIM
8	ARUNANCHAL PRADESH
9	MEGHALAYA
10	MIZORAM
11	MANIPUR
12	NAGALND
13	GOA
14	ANDAMAN & NICOBAR
15	DELHI
16	CHANDIGARH



Annexure VIII

Transportation cost model of FCI

Existing Scenario		PPC/PACS -----> Mill -----> FCI Depot -----> FPS										
								Transportation from FCI depot to FPS				
Name of Block	Name of PACS/Procurement Center	Name of Mill	Distance from PPC/PACS to Mill	Transportation Cost of PPC to Mill (Rs/MT)	Distance from Mill to FCI Depot	Transportation Cost from Mill to FCI depot (Rs/MT)	Total Transportation cost till FCI depot		Distance from FCI Depot to FPS	Transportation Cost from FCI to FPS centers (Rs/MT)	50 % of Transportation cost reimbursed by Central government	Total cost burden on FCI/ Central Government (Rs/Ton)
A	B	C	D	E	F	G	H=E+G	I	J	K	L=0.5*K	M=H+L
Chakiya	UPCU B PACS Rampur Kalan	SUNIL FOODS INDUSTRIES	14	214	51	477	691					829
		UTKARSH AGRO	16	205	43	432	637	FPS 1	35	382	191	
		VINDHYA AGRO INDUSTRIES	1	180	43	432	612	FPS 2	24	308	154	
	UPCU Kray Vikray	SUNIL FOODS INDUSTRIES	1	180	51	477	657	FPS 3	32	362	181	
		UTKARSH AGRO	12	188	43	432	621	FPS 4	43	432	216	
		VINDHYA AGRO INDUSTRIES	13	205	43	432	637	FPS 5	34	375	188	
AVERAGE			9	195	45	447	643		34	372	186	



Proposed Scenario		PACS -----> Mill -----> PACS -----> FPS						
Block	Name of PACS/Procurement Center	Name of Mill	Distance from PACS to Mill	Transportation Cost of PACS to Mill (Rs/MT)	Transportation Cost of Mill to PACS (Rs/MT)	Tranportation cost from PACS to FPS considered Maximum Distance (Rs/MT)	Reimbursed by Central Government (Rs per MT)	Total Transportation Cost (Rs/MT)
Chakiya	UPCU B PACS Rampur Kalan	SUNIL FOODS INDUSTRIES	11	214	214	214	107	534
		UTKARSH AGRO	10	205	205	214	107	517
		VINDHYA AGRO INDUSTRIES	1	180	180	214	107	466
	UPCU Kray Vikray	SUNIL FOODS INDUSTRIES	1	180	180	214	107	466
		UTKARSH AGRO	9	188	188	214	107	483
		VINDHYA AGRO INDUSTRIES	11	205	205	214	107	517

State wise Summary on Storage Gap (FCI)

Sl.No.	State/UT	Number of Districts FCI does Procurement	Number of Districts in Deficit as per FCI (in terms of Storage Gap)	Storage data of Deficit Districts (in LMT)	Overall Storage (in LMT)
1	Punjab	22	20	-42.28	-41.81
2	Haryana	21	19	-41.64	-41.29
3	Andhra Pradesh	16	16	-3.22	-3.22
4	Assam	33	27	-2.36	-1.44
5	Karnataka	30	30	-1.42	-1.42
6	Chhattisgarh	28	19	-2.70	-1.01
7	Himachal Pradesh	12	10	-0.71	-0.68
8	Odisha	30	17	-1.47	-0.57
9	Tripura	8	8	-0.47	-0.47
10	Meghalaya	11	11	-0.39	-0.39
11	Ladakh	2	2	-0.17	-0.17
12	Kerala	14	14	-0.12	-0.12
13	Sikkim	4	3	-0.11	-0.09
14	DNH & DD	3	3	-0.06	-0.06
15	Arunachal Pradesh	25	17	-0.15	-0.02
16	Andaman & Nicobar Islands	3	3	0.00	0.00
17	Manipur	16	7	-0.19	0.02
18	Goa	2	0	0.00	0.03
19	Nagaland	11	10	-0.23	0.07
20	Mizoram	8	6	-0.10	0.09
21	Jharkhand	24	13	-0.67	0.12
22	Bihar	38	18	-5.50	0.72
23	Jammu & Kashmir	22	15	-0.96	0.87
24	Telangana	32	14	0.00	0.94
25	Delhi	9	6	-0.93	0.99
26	Uttarakhand	13	6	-0.17	1.85
27	Uttar Pradesh	75	37	-10.69	5.35
28	Rajasthan	33	4	-5.03	6.66
29	West Bengal	27	7	-0.48	8.50
30	Gujarat	36	10	-0.98	10.22
31	Tamil Nadu	41	15	-1.19	10.51
32	Maharashtra	36	3	-0.52	15.67
33	Madhya Pradesh	52	13	-7.65	50.73
	Total	737	403	-132.58	20.59



FCI has shared the nationwide storage status of 2021-22 with MoC, The data reveals significant storage disparities across states. Out of 737 districts, 403 are storage deficit, totalling **-132.58 LMT**. Punjab (**-42.28 LMT**) and Haryana (**-41.64 LMT**) contribute over 60% of the total deficit storage. States like Andhra Pradesh, Assam, and Karnataka show storage deficits across most or all districts, reflecting systemic issues.

Surplus states like Madhya Pradesh (**50.73 LMT**) and Uttar Pradesh (**5.35 LMT**) still report deficits in several districts, highlighting imbalanced distribution. Smaller states like Tripura, Meghalaya, and Sikkim show minor deficits below **-0.5 LMT**, while Bihar and Odisha, despite overall surpluses, face localized gaps. Goa and Nagaland exhibit balanced storage with minor surpluses.

These findings underscore the need for targeted interventions in high-deficit states and efficient resource distribution to address regional imbalance



Illustrative Checklist for DCDC approval

Sr.No	Particulars	Details
1	Name of District	
2	Number of Blocks/Tehsil/Mandal	
3	Whether district is storage deficit as per FCI / DFPD	

A.1 Crop Assessment of district

Sr. No	Major Crops	Annual Production (MT)	Annual consumption (MT) (as per NFSA & OWS)	Govt. procurement (MT)	Storage Surplus / Deficit (MT)

A.2 Crop/ commodity wise requirement of Storage

Sr. No	Name of block	Crop / Commodity Name	storage requirement (MT)

B.1 Storage Assessment *(to be filled by FCI/State agencies/State Warehousing Corporation/State cooperatives/Federations or other relevant agency)*

Sr. No	Particulars	FCI	State Agencies / State Warehousing Corporation	State Cooperatives / Federations	Total (i+ii+iii)
		(i)	(ii)	(iii)	(iv)
	Current Status				
1	Number of Godowns present in District (Nos)				
2	Total Capacities of these godowns				
3	Total Capacity usage in quantity (MT)				
4	Average Storage period (Months)				
5	Storage Gap (MT)				
	Required Capacity				
1	Required number of Godowns in District (Nos)				
2	Total Capacity required (MT)				



B.2 Godowns owned by State Agency (

Sr. No	Name of Block	Location	Capacity (MT)	Current Usage	Used by whom

B.3 Private Godowns Hired by State Agency

Sr. No	Name of Block	Location	Capacity (MT)	Current Usage	Used by whom

C. Requirement - Addressing above storage gap Challenge

Sr. No	District	Number of godowns proposed in district	Capacity Finalised (MT)	Distance of finalised location from procurement center	Distance of finalised location from consumption center (PDS)

D. Approval in DCDC

Sr. No	Block	Storage Gap (Yes/No)	Storage requirement (MT)	Commodity to be stored	Storage space required by (State Food and Civil Supply Department, FCI, NAFED, NCCF, State Cooperative Federation, Other (specify))	Hiring assurance provided by (Name of agency)	Approved in DCDC (Yes / No)	If No, then reason for rejection

E. Brief about proposed PACS

Sr. No	Name of Block	Name of PACS	Available numbers of godowns	Available storage capacity (MT)	Availability of Land (Yes/No)	If yes, available area (in acre)






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