



National Centre for Cold-chain Development

Annual Report

2014-15

Published by:



Autonomous organisation of
Ministry of Agriculture
New Delhi - India

National Centre for Cold-chain Development
2nd Floor, B-Wing, Janpath Bhawan, New Delhi-110001

**Annual Report of the
National Centre for Cold-chain Development (NCCD)
for FY 2014-15**

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**Annual Report of the
National Centre for Cold-chain Development (NCCD)
for FY 2014-15**

A. Accounts & Audit

NCCD was registered under Societies Registration Act 1860 on 27-1-2011 and structured to operate in Public-Private-Partnership (PPP) mode with stakeholders as members of the society. After approval by Cabinet on 09-2-2012, DAC&FW provided a one-time grant of Rs. 25 crore for establishing a Corpus of same amount, so that interest income accruing therefrom, and other income generated by NCCD from fees and charges for services rendered will be used to meet its administrative, personnel and other costs, as decided by its Governing Council. NCCD is structured such that it is distanced from direct government involvement on a day to day basis, and there is no further cost on account of its operation and maintenance on Government.

Accounts of NCCD for 2014-15 were audited by chartered accountants empanelled for the purpose with office of the Comptroller and Auditor General of India, M/s APN & Associates.

Summary of Income and Expenditure account for F.Y.2014-15 is as follows:

Item	Rs in lakh
Income from interest and others	334.54
<i>Less:</i> Administrative expenses	104.93
Excess of income over expenditure	229.61
Transferred to General Reserve	50.18
Balance set apart for 'General Public Utility' purposes	179.43
Total	229.61

Detailed accounts for F.Y.2014-15 are attached. The audited accounts on the year was presented to the 6th EC with a report of the activities undertaken.

B. Establishment / HR status

Shri Sanjeev Chopra, JS(MIDH) was holding additional charge of the position of Director, NCCD from February 2013. Shri Pawanexh Kohli, an expert from cold-chain industry is appointed as Chief Executive Officer of NCCD w.e.f. February 2014. As on 31-3-2015, six

positions were filled, besides Director (JS-MIDH). In June 2014, moved into office space at Janpath Bhawan. The office premise is shared with team of National Bee Board.

Executive Committee of NCCD consists of 13 members under chairmanship of Secretary(AC&FW). The Governing Council consists of 15 members under Secretary(AC&FW) as President. List of EC and GC members is attached.

C. Society membership status

NCCD membership criteria was revised to open for wider range of stakeholders on 7th Jan 2013. As of March 2015, NCCD has 29 active members, of which 25 are on annual basis and 4 are lifetime members.

Category-wise List of Members:

Category- Fees (₹)	Annual	Lifetime	Total
Company- C (50,000 / 4,00,000)	18	2	20
Associate- A (10,000)	3	-	4
Educational Institute- R (Nil)	4	-	4
Patron- P (20,00,000)	-	1	1
Grower- G (Turnover <5 lakhs- Nil; Others- 10,000)	-	-	-
Industry Body- I (75,000 / 5,00,000)	-	1	1
	25	4	29

The membership fees received in 2014-15 is Rs 25.48 lakh. Members join in activities of NCCD as stakeholder participants, and may undertake knowledge dissemination activity as representative of NCCD. MIDH has nominated 19 Nodal Officers for Cold-chain Development (NOCD) through the state missions, to liaise and coordinated state level activities.

In September 2014, at the 7th annual Agriculture Leadership Summit, NCCD was presented with the Agribusiness Leadership Award by Prof. M.S. Swaminathan and Dr. PJ Kurien. The award, is for a leading role in driving a conceptual change in agri-business models. This is the first such award category by this summit.



D. Technical and other interventions

Reefer Vehicle Call-in-centre (RVC)

A toll-free access to allow reefer transporters to telephonically register their in-transit complains (24 x 7), to spread awareness and express the interest of government to develop this sector was suggested by NCCD. MIDH asked NCCD to take this up as its NLA. The concept was developed in-house and costed using shared resources of NCCD member (Mahindra Logistics). Hon’ble Minister of Agriculture, Shri Radha Mohan Singh launched the RVC on 11.9.2014 as a “e-Bhagidaari” program, so that stakeholder participation in the identifying bottleneck areas could be used for strategic planning in long term. The project is supported from allocation made by MIDH to annual action plans of NCCD as its National Level agency (NLA). The expenditure incurred in 2014-15 is Rs 4.22 lakh.



Till 31-Mar-2015 a total of 323 calls have been received. Of these 14 calls were related to complains of extortion, 5 calls relating to document inspections or forfeiture, 10 calls for delay at toll plazas and 1 call complaining of opening sealed doors. The remaining 293 calls related to general enquires. As the number and type of calls received at the Call-in-centre are limited in nature and in relation to refrigerated transport matters, there is no clear pattern of bottlenecks discernible at the moment. The plan is to continue the call-in-centre for a full 12 months which ends in September 2015.

Guidelines & Minimum System Standards

NCCD internally prepared the draft ‘Guidelines and minimum System Standards for implementation in Cold-chain Components’ along with reference datasheets in May 2014. This document recommends the minimum system standards to be followed for development of cold-chain infrastructure, and are kept in synergy with MIDH Operational Guidelines. NCCD as NLA of MIDH was mandated to update technical standards and adherence protocols as necessary when improved technologies and efficiencies are introduced/understood/ approved.

The draft document was discussed in a National Level Conclave on Cold- chain Development with the Nodal Officers from the States, NHB, MoFPI, MNRE and other stakeholders on 9th May 2014 and was put in public domain and on NCCD website for comments. Inputs were taken from various stakeholders, CII Task Force on Cold-chain and PHD Chamber of Commerce & Industries (Task Force on Logistics Management) for finalizing the System Standards. After incorporating the inputs, the revised document was placed before national level ‘Committee on Technical Specifications, Standards, Test Laboratory and Product

Certification' on 5-December-2014 at Krishi Bhawan. The Committee comprises 14 members from private sector, IIT (Chennai), BEE, BIS, NPC, CII and DAC. The document was thereafter released and distributed through MIDH to all its implementing agencies.

Project appraisal and inputs

NCCD is part of Project Appraisal committee (PAC) of MIDH and participates on demand in Joint Inspection Team (JIT) visits to projects, as and when requested by MIDH. In 2015-16 NCCD was part of one JIT to Uttarakhand, 9 projects for Integrated Cold-chain, 2 projects for processing. MIDH appraised more than 229 projects with NCCD, and Rs 45.80 lakh was charged for project appraisals.

NCCD provides inputs to DAC&FW in regards budgetary recommendations in reference to cold-chain development. Inputs were provided to MoFPI on convergence of cold-chain schemes in cold-chain. NCCD participated in MoFPI Stakeholder Consultation on Budget proposals for next year's General Budget and tax implications on food processing sector.

E. Capacity Building & Knowledge Dissemination

NCCD Newsletters

NCCD launched a Newsletter in March 2014, to regularly disseminate knowledge and information on Cold-chain and related topics. Social media facebook was also opened. The newsletter informs various initiatives, developments and forthcoming events in Cold-chain. Insights on cold-chain, its components and business models are covered.

The Newsletter is circulated to all Secretaries (GoI), Principal Secretaries (Agriculture) / Mission Directors / Nodal Officers, central Agencies and NCCD members. Positive response is regularly received from Govt. Officers and industry.

The publishing design copy editing and creation is entirely in-house. The content and articles are primarily written by CEO-NCCD,

though readers are regularly requested to contribute. A copy of the newsletter is hosted on NCCD website. The December 2014 newsletter reported on the activities for the year.

The continuation of the newsletter is under consideration. After 12 issues, the newsletter was issued International Standard Serial Number (ISSN 2395-4515) by the National Science Library. The NCCD newsletter is cited by various agencies as reference on Cold-chain matters.



Entrepreneur development for ripening chambers

The previous year's pilot trainings were evaluated and MIDH desired continuation of the workshops. This was commenced as a regular program with two different members of NCCD (ICE and Samagra) with knowledge dissemination background. The two day capacity building session includes on-site operational training at ripening chambers. The training imparts technical education and awareness regarding modern methods of fruit ripening, hazards of Carbide ripened fruits, and informs about the support available from the government to set up fruit ripening chambers and other cold-chain components. The trainings were held in Delhi, UP, Punjab, Haryana, Andhra Pradesh, Chhattisgarh, Telangana, Karnataka, etc. Special sessions were also conducted for women SHGs.



The expenditure amounts to Rs 1.5 lakh/workshop, and held across the country. In 2014-15, total of 57 trainings were conducted for 1685 persons at a total cost of Rs 92.22 lakh. Activity is as NLA of MIDH and expenditure is accounted on actuals under allocation made by MIDH to the action plan. The program will continue in 2015-16 as per requirement of MIDH.

Capacity building in cold-chain technology

This NCCD activity is in-house with member (Danfoss India) at a specially designed learning centre with mini cold rooms and demonstration equipment. The curriculum is developed in-house at NCCD and implemented for the benefit of government officers and private sector.



The 3 day residential course, includes independent boarding/lodging and in 2014-15, total 8 sessions were held for 77 individuals - trainees included NCCD Members (21), Govt Officers (56) from 12 States (Punjab, Tamil Nadu, Uttar Pradesh, Haryana, Gujarat, Odisha, Maharashtra, Karnataka, West Bengal, Assam, Arunachal Pradesh and Kerala) - at a cost of Rs 7.35 lakh. Expenditure is on actuals from MIDH allocation under NLA action plan. In November 2014, the learning centre was moved to a newly constructed facility by Danfoss India, in Oragadam, Chennai. In coming year, 2015-16, a total of 12 sessions are planned, allocated as an ongoing NLA activity.

Cold-chain Management training

As part of collaboration under the Indo-France JAWG, NCCD devised a curriculum for training of Indian stakeholders. The program is implemented by Cemafruid of France. The course comprising of modules provides knowledge related to the needs of Indian cold-chain on understanding cold-chain management. The batch is designed for a mix of government & industry officers to provide a common grounding on the subject. Each trainee has to sign an indemnity form and batch is provided a briefing book and feedback form. The trainees are also individually evaluated by the trainers at Cemafruid.



MIDH allocated a budget of Rs. 15 lakhs per batch under annual action plan to NCCD as NLA. Expenditure in 2014-15 was managed at Rs 32.78 lakhs for 3 batches of total 26 participants by NCCD - average of Rs 1.26 lakhs per person for the 5 day residential course. This program is managed at optimised costs by sourcing lowest fare tickets and in other arrangements. The costs are managed much below allocation made by MIDH to the action plan of NLA, with NCCD continuing to practice a zero base budget operation.

Reefer Driver Awareness

Very often, it was heard that the hardy truck drivers are a bane to cold-chain efficacy. “They switch off the engine”, “they open the door”, “they mess up the controls”, etc., etc. NCCD decided to act on this grouse and reach out to reefer truck drivers. NCCD held a Drivers Awareness Programme for reefer truck drivers in May 2014. Motivated by Shri Ramesh Kumar, the workshop named “Nations Health in Your Care” was hosted by NCCD member MJ Logistics at their cold distribution hub at Palwal with KRK Foundation and others. In this first such outreach, truck drivers were made aware of the repercussions of temperature excursions, how it impacted the life and health of the weakest – children and elders, those unwell in need of medicine and better nutrition.



More than 35 drivers were addressed and a session on safe driving and learning of road safety signs was included. The event was highly interactive and expressive about the learning and understandings provided. This program was joint effort by members as collaborative intervention under NCCD guidance only. Learnings from this interaction helped to develop the RVC toll free concept, as mentioned above.

Knowledge sharing with IAS 2014 batch

CEO-NCCD was invited to lecture 2014 batch of LBSNAA on the topic “Agriculture to Agribusiness”. Strategic need to move from cultivation activity to market linked agribusiness enterprises, and the importance of cold-chain for income growth was informed.

F. Applied Research and Studies

All India Cold-chain Infrastructure Capacity Study (AICIC)

A comprehensive study to assess the pan-India cold-chain capacity created and the requirements was commenced in November 2014. Such a pan-India assessment of cold-chain infrastructure from a demand perspective has not been undertaken before. The study was developed by NCCD and is being undertaken using the resources of NABCONS (NABARD Consultancy Services Limited). Allocation of Rs. 23 lakh is made for this study. The study will evaluate relevant data from stakeholder agencies (MoFPI, MIDH, APEDA, etc.) including field work.

Weekly review are held with CEO-NCCD, including video-conferencing and extensive sessions of 2-3 days with study team. As of 31.03.2015, the field work is complete and assessment is ongoing, and is being authored at NCCD. Report is expected to be completed by May 2015.

Malda to Delhi – Pilot

On request of state horticulture mission of West Bengal, NCCD provided support and guidance on preconditioning and shipping 25 tons of Mangos from Malda to Delhi. The packaging was special because indigenous traditional crates were modified – each constructed to a pattern that uniformly aligned lateral and top vents to facilitate effective airflow and aid in removing of gas build-up from around each fruit. To counter any heat latency from the crates, the precooling time was suitably adjusted.

The haulage protocol added replenishment of fresh air inside the reefer vehicle. The transit of 1500 km was in 3 lots in consecutive weeks and the total cost of shipment was at about Rs 10 per kg. The basement of Banga Bhawan was used to store for supply to Delhi Haat from 10-30 June 2014.

An earlier attempt to transport from Malda via cold-chain was “unfruitful” with total loss, hence, such supply was normally undertaken in uncontrolled environment on Rajdhani Express which resulted in subsequent high loss of the fruit. NCCD assessed the earlier failure was due to improper cold-chain protocols and guided the state horticulture mission at this instance. This became the first such successful long-haul movement using cold-chain, with zero loss in transit and during storage in Delhi, leaving the entire shipment in good quality over the 20 day festival. The state reported favourable economics from this pilot with a 60 per cent reduction in their overall costs.



LNG waste energy recovery

NCCD developed on the concept of recovering stranded cold (waste energy) from LNG regasification activity in port terminals. Two LNG terminals were visited by NCCD (Hazira, Dahej, Kochi) with Additional Secretary (DAC) in 2014 and preliminary research was conducted. Petronet LNG Ltd (PLL) conducted a comprehensive study and provided inputs by NCCD. In January 2015, a Global Expression of Interest was released by PLL. The proposals/submissions received are under evaluation by PLL with external consultants.

Cold store upgradation

CEO-NCCD held a meeting with Mr. Pannu (Secy-Agriculture, Punjab) on 11-April-2014 at PAIC in Chandigarh. As result of discussions, NCCD team visited 5 cold storages and 3 centres of excellence in Punjab, in May 2014. The visit by engineers of NCCD was to guide on upgradation options, both on technology front as well to enable new business models to operate. Guidance on the options and new applications for the cold stores were submitted to SHM Punjab. Subsequently, SHM Punjab organised multiple workshops for NCCD to interact with cold storage operators. Punjab government also decided that focus would be on promoting pack-houses and upgradation of cold stores, rather than on creation of new cold stores.

Study on post-harvest protocols and food loss

The phase-I of a study to assess food loss and document product specific protocols for post-harvest and cold-chain management was commenced. The work was assigned to Amity International Centre for Post-Harvest Technology & Cold-Chain Management (a research category member of NCCD) with approval of MIDH and the expenditure will be met from allocation of Rs 13 lakh to the annual action plan. A total of 23 fruits and vegetables were selected and the study includes a sampling field survey in areas of Uttar Pradesh, Uttarakhand and Haryana. The EC had recommended increased interactions and support to private and public education/academic institutions so as to involve more youth and develop innovation at University level. This study involves student and faculty, accordingly.

Student interns

NCCD took on its first student interns in 2014. Two management students, one pursuing post-graduation (MBA) and the other graduation (BMS) joined to assist in research activity in June - July 2014. The young professional program at NCCD is to provide exposure to youth in different thematic operations of NCCD, to applied research and on-the-job disciplines, to strengthen their understanding of the perishables supply chain and cold-chain sector and prepare them for future public service opportunities. In mentoring and cultivating tomorrow's leaders, NCCD helps them to acquire requisite skills as well as competency to contribute to government policy initiatives as well as develop a cadre of experienced professionals serving in this sector.

One of the student interns was 2012 runner up in Interstate Blind Chess Tournament. The other was a B.Com graduate who had also cleared CA-common proficiency tests. Both interns contributed to the July 2014 newsletter before returning to their academics.

G. Outreach and awareness (workshops and seminars)

Conclave for Nodal Officers for Cold-chain Development

A special workshop for NOCDs from states was held on 9-May-2014. At this conclave, senior officers from 19 State Governments and 3 Ministries (MoFPI, MNRE, DAC) gathered to brainstorm on developments/matters relating to cold-chain. The conclave was organised in-house by team NCCD and was held at IIC Annexe.

The conclave was part of ongoing institutional capacity building in cold chain. The agenda for the event was to discuss the new Mission for Integrated Development of Horticulture (MIDH) Operational Guidelines, on which basis the State Horticulture Missions & Departments and the National Horticulture Board were to drive future cold-chain development in the country.



The gathered members were provided a draft document which detailed some of the cold-chain components for discussions. The concept behind introduction of new components and the revisions made were presented and discussed with the attending officers. At the conclave, it was demanded that other allied departments be included in NCCD workshops/trainings.



With each region at differing levels of development and varying needs, the demand for greater knowledge based support was a collective expression. It was noted that many of the States addressed various segments of the cold-chain, for fresh produce & processed products under a common umbrella and infrastructure requirement was not understood. It was decided that special teams for cold-chain be set up in the States. These teams would undergo conceptual and technical capacity building with NCCD, to prepare them to assist with appraisal of project proposals and monitoring at State level. NCCD was asked to assess capacity gap in country.

State Workshops

As a follow-up to interactions at the conclave with Nodal Officers for Cold-chain Development from States, held in May, efforts have been taken by the States of Haryana and Punjab to share the new concepts and propagate the guidelines developed for integrated cold-chain development. NCCD was asked to participate in various State workshops.

On 17-June-2014 a workshop was held with the State Horticulture Mission of Haryana. The one day workshop was arranged at Industrial Estate, Kundli, Sonapat. The workshop was attended by 13 Farmer Producer Organisations (FPOs) - 2014 is the “Year of the FPO”. Approximately 110 stakeholders attended and interacted at this workshop which included FPOs, various cold storage owners and a few traders. The audience in Haryana was interactive and inquisitive about how the recently launched guidelines and the newly introduced add-on technology components could aid their business operations.



Another workshop was held in Jullundur on 20-June-2014, with the State Horticulture Mission bringing focus on the need to modernise the existing cold storage infrastructure in Punjab. This workshop was planned to bring exposure to many cold storage owners and entrepreneurs on the solutions possible, for upgrading their plant and machinery to make it more energy efficient.



The workshop also discussed on design changes that can enable these cold stores to cater to multiple product types. Industry members of NCCD (Danfoss and Lloyd Insulation) also presented at this workshop.

The event served as a one stop shop for all the queries directed by the audience towards NCCD, State Horticulture Mission, Equipment Suppliers and Banks. The audience in Punjab showed keen interest in the technology solutions presented by the NCCD members for up-gradation of their cold stores.



Earlier, in preparation, team NCCD visited cold stores in Punjab to assess the status first hand. Recommendations from the tour had been sent to the Punjab government previously. Three more similar workshops were held in Punjab, one at Hoshiarpur on 27-June and Ludhiana on 4-Jul-2014. All NCCD members to take opportunity to share possible solutions for modernising almost 450 cold stores of Punjab was also been posted on NCCD website.

In July, NCCD participation was requested in a cold-chain summit held in collaboration with MoFPI in Guwahati. The event was inaugurated by Gen. V.K. Singh, Minister Development of North-eastern States and addressed by Shri Nilamani Sen Deka, Agriculture Minister Assam.



This cold-chain summit was also highlighted by the presence of Shri Siraj Hussain, Secy MoFPI and Addnl Chief Secy of Assam, Shri Vinod K. Pipersenia. NCCD presence was amplified through a large contingent of its members from industry who travelled from across the country to Guwahati, all proudly sporting the NCCD logo on their lapels.

Each discussion panel had a NCCD member, discussing various initiatives taken. Plus Polymer, Adani Agrifresh, Lamilux, Samagra Agribusiness, National Vegetables & Fruits Storage, Alfa Laval India, Danfoss India, Blupith, Amity University, ACR Project Consultants, Carrier Transicold, Crystal Logistics and others were among the various NCCD members who acted upon the NCCD communique on this summit. The event is expected to trigger a series of interactions between the states and the industry on cold-chain and food processing.

CII's Food & Agriculture Centre of Excellence (FACE) organised the National Cold-chain Summit, its 5th edition, on Wednesday 15th October 2014. The core topics discussed were enabling Innovation, Integration and Investments. This edition of the CII Cold Chain Summit



was developed in collaboration with NCCD, fetching healthy participation from various NCCD members & other stakeholders.

International Workshops

The Institution of Mechanical Engineers (IMEchE) invited CEO-NCCD to the “Clean and Cool Summit” in London (30.6 to 01.7.2014) to an expert discussion on sustainable ‘cold chain’. NCCD debated the concept of LNG cold recovery and the scope to develop the system in India. As a result, the idea gained momentum and Petronet LNG Ltd. (PLL) took inputs from NCCD on a comprehensive project feasibility study on this subject.

NCCD supported Agritech 2014 at Bangalore-IABC (International Agri Business Conference) and supported the Farm to Fork Conference. In September 2014 NCCD addressed the India-South Africa summit. The annual ICE event was held at Ahmadabad on 21-22 Nov and this event has become an occasion for NCCD members to interact with the wider cold-chain industry, including state cold storage associations.

For 2014-15, MIDH allocated Rs 45 lakh to the action plan with target to support 8 seminars /workshops. The support was given to 10 national and state level workshops/conferences and 3 international conferences at a total expense of Rs. 30.12 lakh. NCCD continues a Zero Base Budget policy. However, NCCD directly participated in more than 30 events (list annexed).

H. Advisory & other support

NCCD is providing knowledge based support to various departments and agencies on agrilogistics matters. NCCD provides various support to DAC including project appraisal support. NCCD is member of EC, EMC and PAC of MIDH and is involved in associated decision making support. NCCD is frequently asked to clarify on the new operating guidelines by officers from the state. CEO-NCCD is also designated to function as the Chief Advisor to

the Department of Agriculture Cooperation & Farmers' Welfare on supply chain and agri-logistics matters and to represent the Dept. as and when necessary. NCCD is representing DAC policy interventions in cold-chain on various fora. NCCD guidance is also taken to evaluate proposals on protected cultivation, value chain upgradation and other strategic interventions. APEDA added NCCD on their Technical Committee.

In July 2014, in the Union Budget, the Finance Minister announced the Warehousing Infrastructure Fund (WIF) with a corpus of Rs. 5000 crore for 2014-15. This fund was developed as a low interest funding window to cold-chain stakeholders with inputs from Ministry of Agriculture, WDRA, NCCD and other stakeholders. NCCD was invited by NABARD on 29.10.2014 to Mumbai for the launch of the scheme and details were presented to private industry stakeholders at a gathering.

In a meeting taken by the Principal Secretary to Prime Minister on 02.09.2014, it was decided to set up a Task Force on Cold Chain Projects under the chairmanship of Secretary (MoFPI). The Task Force consulted NCCD and took note of inputs and explanations on inconsistencies in past evaluations, especially the erstwhile quoted NSEL assessment that anticipated creation of additional 29 million tons of storage. The Task Force decided to put aside past assessments, making specific mention that one should wait for NCCD to complete its gap study.

NCCD is a member of Joint Agricultural Working Group (JAWG) with France, the 7th meeting was held on 14-1-2015 in Delhi. CEO-NCCD was also invited as member of the JAWG between India and Germany, chaired by Secretary (AC&FW). The 4th JAWG meeting was held in Delhi on 12-2-2015. The G20 Agricultural Experts meeting was held in Turkey for which evaluation on the status of agricultural sectors in India was put up. An evaluation on proposed activity regarding SAARC regional centres was also provided to Ministry of External Affairs, which included correlation between SAARC charter and cold-chain.

NCCD participated in DEA's screening committee to consider proposal for external multilateral assistance by World Bank for Post-harvest Management in Horticulture. NCCD represented DAC on DEA's strategic cooperation dialogue with delegation from Japan. NCCD also was part of DAC senior team at meetings chaired by Expenditure Finance Secretary, including to evaluate VGF for cold-chain projects. Embassy of India in France represented India at the Executive Committee meeting of International Institute of Refrigeration (IIR) as the Additional Secretary (Horti) and CEO-NCCD could not take part.

CEO-NCCD was part of senior officials at various meetings of Parliamentary committees on agriculture / horticulture. NCCD also continues to provide inputs to DAC/MoFPI on Parliament questions as required. NHB assigned study on Horticulture Train to RITES and mid-term report was reviewed by NCCD. A meeting between Chairman RITES, MD-NHB and CEO-NCCD was thereafter held to address errors and omissions in report and NHB continues to monitor progress of the study. Draft reports of studies undertaken by FHEL, for MIDH, through Grant Thornton on apples, oranges and onions and reports on cold-chain by Yes Bank and other agencies, were evaluated by NCCD and the Ministry was able to take suitable action.

Recommendations on taxation were provided by NCCD and in the 2015-16 Union Budget it is proposed that “Services by way of pre-conditioning, pre-cooling, ripening, waxing, retail packing, labelling of fruits and vegetables which do not change or alter the essential characteristics of the said fruits or vegetables”, would henceforth be exempted from service tax. This proposal is expected to come into effect from 1-April-2015.

As a National Level Agency of MIDH, NCCD incurred an expenditure of Rs. 239.34 lakh from the allocation made to the annual action plan on activities required to support MIDH.

I. NCCD - Aims & Objective

NCCD is registered as a society, to function in an autonomous manner as a think-tank on cold-chain, and to operate under public-private-partnership mode at no cost to the government. The initial capital was provided by the government and the objectives of NCCD are to recommend, suggest, assess, undertake & coordinate, facilitate and foster as below:

- To recommend standards and protocols for cold-chain infrastructure/building including post-harvest management so as to harmonize with international standards and best practices and suggest mechanism for benchmarking and certification of infrastructure /building, process and services provided by cold-chain industry.
- To suggest indicative guidelines for preparation of project reports for potential investors/entrepreneurs.
- To assess and develop appropriate IT-based management information system for cold-chain infrastructure.
- To undertake and coordinate Research and Development (R&D) work required for development of cold-chain industry in consultation with stakeholders.
- To undertake and coordinate the task of Human Resource Development (HRD) and capacity building. It may also conduct in-house training, short-term/long courses relevant for cold-chain development.
- To launch publicity campaign to educate the stakeholders including awareness building about the benefits of integrated cold-chain.
- To recommend appropriate policy framework relating to development of cold-chain.
- To facilitate and foster the development of multi- modal transportation facilities for perishable agricultural, horticultural and allied commodities and establishment of a National Green Grid for Perishable Commodities.

National Centre for Cold-chain Development (NCCD)

March, 2015

J. Executive Committee of NCCD (Status)

SN	Name and Address	Designation
1	Secretary Deptt. of Agriculture, Cooperation & Farmers Welfare Ministry of Agriculture & Farmers Welfare, Krishi Bhawan, New Delhi	Chairman
2	Additional Secretary (I/c Horticulture) Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Committee Member (approved by GC on 7.1.2013)
3	Agricultural marketing Adviser & Joint Secretary (Marketing), Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Committee Member
4	Joint Secretary(MIDH) Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Committee Member (approved by GC on 7.1.2013)
5	Managing Director, National Horticulture Board 85, Institutional Area, Sector 18, Gurgaon, Haryana	Committee Member
6	Representative of Railway Board (Not below the equivalent rank of Joint Secretary to Government of India) Rail Bhawan, New Delhi	Committee Member
7	Representative of Secretary, Ministry of Food Processing Industries, New Delhi	Special Invitee (approved by Secy- AC&FW on 25.7.14)
8	Representative of Secretary, Deptt of Animal Husbandry, Dairying & Fisheries(DAHDF), Ministry of Agriculture & Farmers Welfare, New Delhi	Special Invitee (approved by Secy- AC&FW on 25.7.14)
9	Managing Director Central Warehousing Corporation 4/1, Siri Fort Institutional Area Hauz Khas, New Delhi-110016	Committee Member
10	Shri P. Ravichandran Chairman-CII Task Force on Cold-chain Confederation of Indian Chamber of Commerce & Industries (CII)-FACE, Ground Floor, Core 4A India Habitat Centre, Lodhi Road, New Delhi-110003	Committee Member
11	Shri M L Arora Chief Executive Officer Fresh & Healthy Enterprises Ltd CONCOR HSIIDC Industrial Estate Rai, Sonapat-131029(Haryana)	Committee Member
12	Director, NCCD	Member Secretary

(as per by-laws of NCCD unless stated otherwise in brackets)

K. Governing Council of NCCD (Status)

March, 2015

SN	Name	Designation in the Society
1	Secretary Deptt. of Agriculture, Cooperation & Farmers Welfare Ministry of Agriculture & Farmers Welfare, Krishi Bhawan, New Delhi	Ex-Officio President
2	Financial Adviser Deptt. of Agriculture, Cooperation & Farmers Welfare Ministry of Agriculture & Farmers Welfare, Krishi Bhawan, New Delhi	Ex-Officio Member (approved by Secy- AC&FW on 2.3.15)
3	Director General, Bureau of Indian Standards (BIS) Manak Bhawan, 9, Bahadur Shah Zafar Marg New Delhi-110002	Ex-Officio Member
4	Agricultural Marketing Adviser & Joint Secretary (Marketing), Deptt. of Agriculture, Cooperation & Farmers Welfare, Krishi Bhawan, New Delhi	Ex-Officio Member
5	Joint Secretary(MIDH) Deptt. of Agriculture, Cooperation & Farmers Welfare Krishi Bhawan, New Delhi	Ex-Officio Member
6	Representative of Secretary, Ministry of Food Processing Industries, not below the rank of Joint Secretary to Govt. of India, Panchsheel Bhawan, August Kranti Marg, New Delhi	Ex-Officio Member
7	Managing Director, National Horticulture Board, 85, Sector 18, Gurgaon, Haryana	Ex-Officio Member
8	Representative of Railway Board (Not below the equivalent rank of Joint Secretary to Government of India), Rail Bhawan, New Delhi	Ex-Officio Member
9	Chairman - APEDA NCUI Building, 3 Institutional Area, New Delhi	Ex-Officio Member
10	Managing Director Central Warehousing Corporation 4/1, Siri Fort Inst Area Hauz Khas, New Delhi-110016	Ex-Officio Member
11	APC/Pr Secy/Secretary(Agriculture/Horticulture/ Marketing) of two different States to be nominated by DAC	Nominated by Govt. of India
12	APC/Pr Secy/Secretary(Agriculture/Horticulture/ Marketing) of two different States to be nominated by DAC	Nominated by Govt. of India
13	Representative of Confederation of Indian Chamber Of Commerce (CII) - Chairman CII Task Force on Cold-chain- 23, Institutional Area, Lodhi Road, New Delhi-110003	Member
14	Director NCCD	Member Secretary

(as per by-laws of NCCD unless stated otherwise in bracket)

L. Events, workshops and interactions with direct participation of NCCD in 2014-15

Date	Location	Topic	Main Organizer
9 April 2014	PHD Delhi	National Conference on Smart Supply Chains	PHDCCI
17 April 2014	Palwal, Faridabad	Drivers Awareness Program for reefer truck drivers	NCCD
24-25 April 2014	NCCD, New Delhi	Technical Stakeholders meeting held with stakeholders and NCCD members	NCCD
9 May 2014	IIC, New Delhi	NOCCD Conclave	NCCD
23 May 2014	Noida	Rockefeller Food Loss Quest at Amity University	Amity Univ
30 May 2014	New Delhi	National Council on Agriculture & Food Security	ASSOCHAM
15 June 2014	Agra	Conference by All India Federation of Cold Storage Association of India	FCSAOI
17 June 2014	Sonepat	Workshop on MIDH guidelines on cold-chain	SHM Haryana - NCCD
20 - 27 June, 4 July 2014	Jalandhar, Hoshiarpur & Ludhiana	Punjab workshop on MIDH guidelines on cold-chain and modernisation of cold stores.	SHM Punjab - NCCD
1 July 2014	London	IMECHE International "Clean and Cool Summit"	IMEchE
9 July 2014	Delhi	ASSOCHAM-India National Summit on Warehousing India	ASSOCHAM
11-12 Jul-14	Guwahati	ICC National Summit on Cold-chain	MoFPI - NCCD
21 July 2014	Delhi	Logistics Conclave	PHDCCI
11-Aug-14	Delhi	CII-CEOs interactive to on developing standards	CII - NCCD
22-24 Aug-14	Bangalore	Agritech 2014	Media Today Grp
11 Sep 2014	Gurgaon	Cooperation in Agriculture and Food Processing	India-South Africa
27 Sep 2014	Delhi	7th Agriculture Leadership Summit 2014	Agriculture Today
26-Sep-14	Ludhiana	Seminar on Augmenting Processing and shelf life of Perishable food products	SHM - NCCD
15 Oct 2014	Delhi	CII-NCCD 5th National Cold-chain Summit on 'Enabling Innovation, Integration and Investments across the Food value chain'	NCCD - CII
29-Oct-14	Mumbai	NABARD Summit- Warehouse Infrastructure fund	NABARD
7-Nov-14	Kochi	Global Agro Meet	Govt. of Kerala
17-Nov-14	Delhi	India Ports & Shipping Conference	FICCI
21-Nov-14	Ahmedabad	ICE Expo 2014	ICE
28-Nov-14	Delhi	Farm 2 Fork 2014 International Conference	PHDCCI
9-Dec-14	Pune	Round Table at ARAI on Refrigerated Transport	UK HC
18-Dec-14	Delhi	7th Japan India Strategic Dialogue	DEA
20-Dec-14	Delhi	109th Annual Session PHD Chamber of Commerce & Industries	PHDCCI
28- Jan -15	Delhi	PHD-National Conference on Cold Chain Technical Guidelines & Standards	PHDCCI - NCCD
20-22 Feb 15	Chandigarh	7th International Horti Expo 2015	IBC
25-Feb-15	Bangalore	ACREX, Seminar on Refrigeration and Cold-chain.	ISHRAE - NCCD
13-15 Mar 15	Gurgaon	Agri Leadership summit-2015	Govt of Haryana

M. Abbreviations and Definitions used

APEDA	Agricultural and Processed Food Products Export Development Authority, under Ministry of Commerce with mandate to develop exports and also supports cold-chain infrastructure development.
CII	Confederation of Industries of India: CII through its Food & Agriculture Centre of Excellence (FACE) works closely with NCCD Secretariat, and as part of NCCD is directly involved in meeting objectives of NCCD.
DAC	Department of Agriculture & Cooperation, Ministry of Agriculture.
EC	Executive Committee: the committee that decides executive actions of an organisation.
FAO	Food and Agriculture Organisation of the United Nations
FPO	Farmer Producer Organisation: where a group of farmers create an institutional structure for their enterprise level operations.
GC	Governing Council: The council that oversees the executive and takes policy level decisions.
LNG	Liquefied Natural Gas: extracted gas is cooled to minus 161°C for ease of handling in transport and storage. The liquid is then warmed back into gas format before end-use.
MIDH	Mission for Integrated Development of Horticulture: launched in 2014, this mission subsumes all previous schemes on horticulture so as to integrate and projectise the activities for holistic outcomes.
MoFPI	Ministry of Food Processing Industries: also implements cold-chain subsidy programs.
NABARD	National Bank for Agriculture and Rural Development
NCCD	National Centre for Cold-chain Development: a society of public and private stakeholders, provided initial capital by Ministry of Agriculture and managed at no cost to government, to function in an autonomous manner as an advisory body to the government.
NHB	National Horticulture Board: central sector sub-scheme of MIDH, implementing agency at national level.
NHM	National Horticulture Mission: sub-scheme of MIDH.
NLA	National Level Agency: organisations identified by MIDH with suitable expertise to provide technical and knowledge support. NLAs do not implement the scheme but are allocated resources for specific support tasks after acceptance of an action plan.
NOCD	Nodal Officers for Cold-chain Development: State missions are requested by MIDH to nominate officers to liaise and coordinate on cold chain matters with NCCD.
PPP	Public Private Partnership. Usually seen in infrastructure projects where a concessionaire utilises government support in form of land and funds, and the project reverts back to government at the end of the concession period. In case of NCCD, this additionally means that public and private sector jointly manage the operations and functions through a joint leadership structure, where the administration is under government and the executive decisions is by industry leadership.
SHM	State Horticulture Mission: state level implementing agency of centrally sponsored activities of MIDH.



FORM NO.10B
[See Rule 17B]
Audit report under section 12A(b) of the Income Tax
Act, 1961, in the case of General Public Utility.

We have examined the balance sheet of National Centre for Cold-Chain Development as at 31st March, 2015 and the Income & Expenditure Account for the year ended on that date which are in agreement with the books of account maintained by the said society. The maintenance and correctness of financial statements is the responsibility of the management of society. Our responsibility is to express an opinion on these financial statements based on our audit

We have obtained all the information and explanations which, to the best of our knowledge and belief, were necessary for the purposes of the audit.

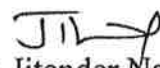
In our opinion, proper books of accounts have been kept at the head office & branches NIL of the above named society visited by us so far as appears from our examination of the books, and proper returns adequate for the purposes of audit have been received from branches not visited by us, subject to the comments given below :

In our opinion and to the best of our information, and according to the information given to us, the said accounts, give a true and fair view:-

- (a) in the case of the balance sheet, of the state of affairs of the above named society as at
- (b) in the case of the income & expenditure account, surplus of the assessee for the year ended

Place : Delhi
Date : 30-10-2015



For APN & ASSOCIATES
Chartered Accountants
FRN: 001876N

(CA Jitender Nath)
Partner
M.No: 015549

NATIONAL CENTRE FOR COLD CHAIN DEVELOPMENT(NCCD)
BALANCE SHEET AS ON 31st MARCH, 2015

(Amount Rs.)

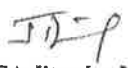
CAPTIAL FUND AND LIABILITIES	Notes	As on 31st March, 2015	As on 31st March, 2014
<u>CAPTIAL FUND AND LIABILITIES:</u>			
Capital Fund	1	250,000,000.00	250,000,000.00
General Fund (Reserve and surplus)	2	34,425,162.70	33,379,016.00
Set Aside u/s 11(2) Of I T Act 1961 FY 2014-15		17,943,350.30	-
Current Labilities	3	6,691,649.00	20,593,368.00
Fixed Assets - Contra Corpus		57,098.00	96,275.34
Fixed Assets - Contra NLA		381,633.00	-
Total		309,498,893.00	304,068,659.34
<u>ASSETS:</u>			
Fixed Assets - Contra Corpus	4	57,098.00	96,275.34
Fixed Assets - Contra NLA	4	381,633.00	-
Investments - others	5	278,376,760.00	276,606,258.00
Current assets, loans and advances, etc	6	30,683,402.00	27,366,126.00
Total		309,498,893.00	304,068,659.34

Significant accounting policies and notes to accounts

11

AS PER OUR REPORT OF EVEN DATE ATTACHED

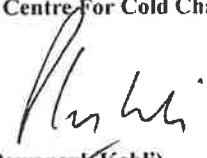
For APN & Associates
Chartered Accountants
FRN : 001876N


(CA. Jitender Nath)
Partner
Membership No. 015549



For National Centre For Cold Chain Development


(K.K. Dhingra)
Advisor Finance


(Pawanexh Kohli)
Chief Executive Officer


(Shakil Ahammed)
Director

Place:- New Delhi
Date :- 30.10.2015

NATIONAL CENTRE FOR COLD CHAIN DEVELOPMENT(NCCD)
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2015

Particulars	Notes	For the year ended 31 March, 2015	For the year ended 31 March, 2014
INCOME:			
Fees/Subscriptions	7	2,548,154.00	3,948,002.00
Interest Earned	8	26,326,104.00	25,372,521.00
Other Income	9	4,580,000.00	1,140,000.00
Total (A)		33,454,258.00	30,460,523.00
REVENUE EXPENDITURE:			
Establishment & Other Admin. Expenses	10	9,854,441.00	3,905,731.00
Transport Charges		621,928.00	490,451.00
CAPITAL EXPENDITURE:			
Fixed Assets	4	16,400.00	22,656.00
Total (B)		10,492,769.00	4,418,838.00
Balance being excess of Income over Expenditure (A-B)		22,961,489.00	26,041,685.00
Less : Income Tax Provision		5,018,138.70	6,425,990.00
Less Transfer To General Reserve		17,943,350.30	
Less Set Aside u/s 11(2) Of IT Act 1961		-	26,041,685.00
Transfer to General Reserve			

Significant Accounting Policies and notes to accounts

11

AS PER OUR REPORT OF EVEN DATE ATTACHED

For APN & Associates
Chartered Accountants
FRN : 001876N



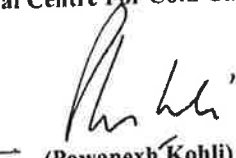
(CA. Jitender Nath)
Partner
Membership No. 015549



For National Centre For Cold Chain Development



(K.K. Dhillon)
Advisor Finance



(Pawanexh Kohli)
Chief Executive Officer



(Shakil Ahammed)
Director

Place:- New Delhi
Date :- 30.10.2015

NATIONAL CENTRE FOR COLD CHAIN DEVELOPMENT
NOTE FORMING PART OF BALANCE SHEET AS ON 31 MARCH, 2015

NOTE '1' : DETAILS OF CAPITAL FUND

(Amount Rs)		
Particulars	As on 31st March, 2015	As on 31st March, 2014
Government of india (Ministry of Agriculture)	250,000,000.00	250,000,000.00
TOTAL	250,000,000.00	250,000,000.00

NOTE '2' : GENERAL FUND

(Amount Rs)		
Particulars	As on 31st March, 2015	As on 31st March, 2014
Opening Balance as per last Balance Sheet	33,379,016.00	13,763,321.00
Add : Excess of Income over Expenditure	5,018,138.70	26,041,685.00
Less : Income Tax Provision	0.00	6,425,990.00
Less : TDS adjustment relating to previous year	3,971,992.00	
Balance in General Fund on 31 March 2015	34,425,162.70	33,379,016.00

NOTE '3' : DETAILS OF CURRENT LIABILITIES

(Amount Rs)		
Particulars	As on 31st March, 2015	As on 31st March, 2014
Sundry Creditors	737,668.00	1,720,691.00
Expenses Payable	5,381,517.00	7,808,984.00
NLA Fund (Refundable)		10,866,878.00
Other Current Liabilities	572,464.00	196,815.00
TOTAL	6,691,649.00	20,593,368.00

NOTE '5' : (Investment Others) FIXED DEPOSITS

(Amount Rs)		
Particulars	As on 31st March, 2015	As on 31st March, 2014
FDR		
FDRs and Interest Accrued on FDRs with State Bank of Bikaner & Jaipur	278,376,760.00	276,606,258.00
TOTAL	278,376,760.00	276,606,258.00



NOTE '6'- CURRENT ASSETS, LOANS AND ADVANCES.

(Amount Rs)		
Particulars	As on 31st March, 2015	As on 31st March, 2014
A. CURRENT ASSETS:		
Bank :		
State Bank of Bikaner & Jaipur	2,50,69,688.00	2,33,94,134.00
B. IMPREST		
Zeeshan Ahmed	1,938.00	-
C. LOANS, ADVANCES AND OTHER ASSETS:		
TDS A.Y. 2013-14	-	15,00,013.00
TDS A.Y. 2014-15	-	24,71,979.00
TDS A.Y. 2015-16	25,44,527.00	-
D. GRANT RECIEVABLE		
NLA Fund Recievable	30,67,249.00	-
TOTAL	3,06,83,402.00	2,73,66,126.00

Note '7'- Membership Fees

(Amount Rs)		
Type of Member	For the year ended 31 March, 2015	For the year ended 31 March, 2014
Membership Fees	25,48,154.00	39,48,002.00
TOTAL	25,48,154.00	39,48,002.00

NOTE '8'- INTEREST EARNED

(Amount Rs)		
Particulars	For the year ended 31 March, 2015	For the year ended 31 March, 2014
On Term Deposits:		
Interest on FDRs with State Bank of Bikaner & Jaipur	2,54,44,725.00	2,47,19,246.00
On Savings Accounts:		
With State Bank of Bikaner & Jaipur	8,81,379.00	6,53,275.00
TOTAL	2,63,26,104.00	2,53,72,521.00

NOTE '9'- Other Income

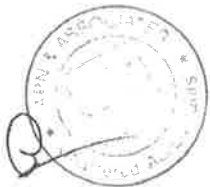
(Amount Rs)		
Particulars	For the year ended 31 March, 2015	For the year ended 31 March, 2014
Project Appraisal	45,80,000.00	11,40,000.00
TOTAL	45,80,000.00	11,40,000.00



NOTE '10'- ESTABLISHMENT & OTHER ADMINISTRATIVE EXPENSES

(Amount Rs)

Particulars	For the year ended 31 March, 2015	For the year ended 31 March, 2014
Accounting Charges	-	29,944.00
Bank Charges	937.00	635.00
Consultancy Fee	-	7,000.00
Interest to Income Tax Department	-	7,00,000.00
Salaries & Wages	76,90,084.00	23,88,717.00
Office Expenses	10,630.00	57,070.00
Printing & Stationary	6,14,292.00	93,778.00
Tours & Travels	1,14,084.00	3,53,210.00
Advertisement Expenses	-	2,27,116.00
Cartage	41,964.00	10,064.00
Meeting & Seminar Expenses	97,126.00	4,490.00
Telephone & Internet	72,914.00	1,717.00
Penalty on TDS	-	3,900.00
Medical Insurance	25,000.00	-
Professional Charges	5,30,071.00	28,090.00
Misc Expenses	4,490.00	-
News papers & Magazines	3,924.00	-
Repair & Maintenance	31,819.00	-
Staff Welfare	90,760.00	-
Stipend to interns	23,226.00	-
Income Tax Demand (A. Y.2012-13 & 2013-14)	5,03,120.00	-
TOTAL	98,54,441.00	39,05,731.00



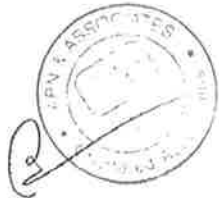
NATIONAL CENTRE FOR COLD CHAIN DEVELOPMENT
NOTE FORMING PART OF BALANCE SHEET AS ON 31 MARCH, 2015

NOTE '4' Fixed Assets-Corpus

Particulars	Block	(Amount Rs)					
		WDV As at 01.04.2014	Additions		Total	Depreciation	WDV
			Upto 30/09/14	After 30/09/14	As at 31.03.2015	For the current year	As at 31.03.2015
WATER DISPENSOR	15%	7,469.38	-	-	7,469.38	1,120.38	6,349.00
MICROWAVE	15%	9,371.25	-	-	9,371.25	1,405.25	7,966.00
MOBILE	15%	9,886.35	-	-	9,886.35	1,482.35	8,404.00
SUB TOTAL		26,726.98	-	-	26,726.98	4,007.98	22,719.00
COMPUTERS	60%	51,643.76	-	-	51,643.76	30,986.76	20,657.00
LAPTOP	60%	17,904.60	-	-	17,904.60	10,742.60	7,162.00
SOFTWARE(Tally)	60%	-	16,400.00	-	16,400.00	9,840.00	6,560.00
SUB TOTAL		69,548.36	16,400.00	-	85,948.36	51,569.36	34,379.00
TOTAL		96,275.34	16,400.00	-	1,12,675.34	55,577.34	57,098.00

NOTE '4' Fixed Assets-NLA

Particulars	Block	(Amount Rs)					
		WDV As at 01.04.2014	Additions		Total	Depreciation	WDV
			Upto 30/09/14	After 30/09/14	As at 31.03.2015	For the current year	As at 31.03.2015
CORDLESS PHONE	15%	-	-	79,285.00	79,285.00	5,946.00	73,339.00
LCD SCREEN	15%	-	59,250.00	-	59,250.00	8,888.00	50,362.00
SCANNER/PHOTOCOPIER	15%	-	45,500.00	-	45,500.00	6,825.00	38,675.00
TABLETS	15%	-	49,500.00	-	49,500.00	7,425.00	42,075.00
SUB TOTAL		-	1,54,250.00	79,285.00	2,33,535.00	29,084.00	2,04,451.00
PRINTER	60%	-	27,200.00	-	27,200.00	16,320.00	10,880.00
LAPTOP	60%	-	4,15,754.00	-	4,15,754.00	2,49,452.00	1,66,302.00
SUB TOTAL		-	4,42,954.00	-	4,42,954.00	2,65,772.00	1,77,182.00
TOTAL		-	5,97,204.00	79,285.00	6,76,489.00	2,94,856.00	3,81,633.00



NATIONAL CENTRE FOR COLD CHAIN DEVELOPMENT, NEW DELHI

ACCOUNTING POLICIES AND NOTES TO ACCOUNTS FORMING PART OF BALANCE SHEET AS ON 31ST MARCH, 2015

NOTE - 11

ACCOUNTING POLICIES

- 1) The accounts are prepared on historical cost basis as a going concern following the mercantile system of accounting and recognizing income and expenditure on accrual basis. Accounting policies not specifically referred to otherwise are consistent with generally accepted accounting principles.
- 2) Fixed assets acquired during the year are charged to Income and Expenditure account in the year of purchase and simultaneously transferred to Balance Sheet under Fixed Assets Fund account to exercise physical and financial control over them.
- 3) Investments are valued at cost.
- 4) Grant funds received under different schemes have been shown separately and used as per need. The administrative charges and service charges as per the parameters of the individual scheme(s) and interest income from deposits of such funds have been treated as income of the society and credited to Income and Expenditure account.

NOTES TO ACCOUNTS

- 1) The society has been granted registration under section 12AA of the Income Tax Act, 1961 with effect from Accounting Year 2014-15 relevant to Assessment Year 2015-16 by the Commissioner of Income Tax (Exemptions), New Delhi vide registration no. DEL - NR24543 - 22072015 dated 22.07.2015.
- 2) The society has accumulated a sum of Rs. 1,79,43,350.30 under section 11(2) of the Income Tax Act, 1961 in addition to basic accumulation of Rs. 50,18,139.00 under section 11(1)(b) of the Income Tax Act, 1961.
- 3) In view of accumulation under section 11(1)(b) and section 11(2) of the Act, no provision for income tax has been made.

For National Centre for Cold Chain Development



A handwritten signature in black ink, appearing to be "K. S. Choudhary".

K. S. CHOUHARY
Chartered Accountant
10/10, Connaught Place
New Delhi - 110028