



COLD CHAIN LOGISTICS IMPROVEMENT PLAN – AURANGABAD

Work Plan for Cold Chain and Vaccine Logistics Management Strengthening

	Criteria : Vaccine Storage Temperature										
What need to be done	Priority	Activity Code	Activity	Implementation Level	Responsibility	Start Date	End Date	Funds Needed (in Rs.)	Funding Source	Remarks	
Improve temperature recording of	High	E2	Ensure Alcohol stem thermometer/data logger in every CCE.	DVS/BVS	CCH/ MOIC/ DIO/SIO	01/10/14	31/12/14		RKS		
all CCE	Med	E2	Capacity building of CCHs in reading thermometer.	DVS/BVS	MOIC/ DIO	01/11/14	31/12/14		NRHM PIP 14- 15 Part- C	RI Training/meeting (Monthly and Quarterly RI meeting at District & Block)	
	Med	E2	Update temperature log book including remarks such as review by MOIC/DIO power failure, defrosting, make and model number of cold chain equipment.	DVS/BVS	CCH/ MOIC/ DIO	01/10/14	31/12/14				
Storage Capacity	High	E3	Provision of additional ILR & DF as per target population.	DVS/BVS	SIO & Govt. of India	01/10/14	31/03/15			Gol to supply additional Cold chain equipment to the state (Bihar).	
	Med	E3	Development of dedicated dry space	DVS/BVS	DM/CS/ DIO	01/11/14	31/03/15		NRHM/Ann ual Maintenanc e Grant	A partition needed in existing Cold Chain store to create dry storage space.	
	Med	E3	Development & display of vaccine emergency	DVS/BVS	DIO & Develop	01/11/14	31/01/15		Developme nt partners	Prototype given in Cold Chain Handler Module	





			preparedness plan		ment Partners				
	Med	E3	Proper storage of vaccine in ILR	DVS/BVS	DIO & UNICEF	01/11/14	31/01/15	 UNICEF	Signage for ILR & DF to be developed by UNICEF
Building, Cold Chain Equipment &	High	E4	Development of separate RVS building, equipment, Human Resource.	State	SIO/DM /CS/DIO	01/04/15	31/03/16	 NRHM	For proposal in NRHM PIP 2015-16
Transport	High	E4	Supply of Cold chain equipment – repair tool kit and float assembly.	District	SIO/UNI CEF	01/11/14	31/03/15	 NRHM/UNI CEF	Each district should have tool kit and cold chain float assembly to reduce the cold chain sickness rate.
	Med	E4	Renovation of existing cold chain store to meet required standards such as ventilation, cleanliness, safety, free from cracks & seepage, electrical refitting where required.	DVS/BVS	DM/CS/ PWD	01/11/14	31/12/15	 NRHM	To be incorporated in PIP 2015-16
	Med	E4	Condemnation of obsolete cold chain equipment.	DVS/BVS	DIO & CCT	01/11/14	31/03/15	 -	Letter issued by State Health Society Bihar (SHSB/RI/414/13/3570 Dt. 15/05/14)
	Med	E4	Generator backup to all Cold chain store.	DVS/BVS	CS/DIO	01/11/14	31/12/15	 NRHM PIP 2014-15 Part - C	Generator outsourced to district, POL for Generator of Cold Chain store (State PIP 2014-15)
	Med	E4	Functional voltage stabilizer for every cold chain equipment.	DVS/BVS	CS/DIO/ DFID	01/11/14	31/03/15	 Annual maintenanc e grant / DFID	Repair of existing non- functional voltage stabilizer or purchase of new voltage stabilizer where needed.





	Low	E4	Provision of land line communication with broadband internet connectivity.	DVS/BVS	DM/CS	01/11/14	31/12/15	 	Incorporation in NRHM PIP 2015-16
Maintain acne of building cold chain	High	E5	Regular preventive maintenance of Cold chain equipment	District	SIO (SHSB)	01/11/14	31/03/15	NRHM / UNICEF	Each district to have dedicated cold chain technician.
equipment & vehicles	Med	E5	Preventive maintenance and overhaul programme for vehicle (Teeka Express)	District	DM/CS/ DIO	01/11/14	31/12/15	 	6 monthly preventive maintenance of vehicle (outsourcing).
	Low	E5	Preventive maintenance of building.	District	DM/CS	01/11/14	31/12/15	 	Coordination with PWD department.
Vaccine Stock Management	High	E6	Computerized vaccine stock management (BVLMS).	DVS/BVS	DIO/DE O/CCH/ MOIC/ BHM/ UNICEF	01/10/14	31/12/15	 UNICEF	Scale up of BVLMS up to block.
	Med	E6	Use of standard vaccine stock registers, indent form, issue voucher & issue register.	DVS/BVS	SIO/DIO	01/10/14	31/03/15	 	New vaccine register, pass book, challan, issue register supplied to all DVS/BVS training imparted to all cold chain hander by UNICEF.
	Low	E6	Development of system for vaccine arrival notification, issue of arrival voucher and regular physical count of vaccine and diluents.	DVS/BVS	DIO/ CCH	01/11/14	31/12/15	 	Monthly physical count of vaccine and diluents and match with the stock register.
Vaccine distribution	High	E7	Development of effective passive distribution plan and its execution.	DVS/BVS	DIO/DE O/Cold chain handler	01/11/14	31/03/15	 -	Regular distribution of vaccine from higher level to lower level (RVS to DVS and DVS to BVS)
	Med	E7	Implementation of MDVP.	DVS/BVS	DIO/Col d chain handler/	01/10/14	31/03/15	 	MDVP guideline letter issue by SHSB/RI/348/10 /1538 dated 22/02/13





					Health worker				
	Med	E7	Determination of re-order level for each antigen and lead time for each facility.	DVS/BVS	DIO/ DEO/ BHM	01/10/14	31/03/15	 	Maximum minimum inventory control mechanism to be developed.
Vaccine Management	High	E8	Capacity building of DIO/MOIC/HW/CCH/CCT and Managers in various aspects of Routine Immunization and Cold Chain.	District	DIO/Dev elopme nt partners	01/11/14	31/12/15	 NRHM PIP 2014-15 Part - C / Developme nt Partner	3 day RI training of MO & 2 days training on Cold chain handlers module.
	High	E8	Capacity building of DEO and Managers in NCCMIS, BVLMS, HMIS & MCTS.	District	DIO/ UNICEF	01/11/14	31/12/15	 UNICEF	1 day reorientation training on NCCMIS, BVLMS, HMIS & MCTS.
	Med	E8	Training of DIO / MOIC in using immunization data for action.	District	DIO	01/11/14	31/03/15	 	½ day training of DIO / MOIC in using Immunization data for action.
MIS & supportive functions	High	E9	Supportive supervision for RI & Cold Chain by line supervisors, Development partner, Medical college faculty.	District, Block	SIO/DIO / Develop ment Partner	01/11/14	31/03/15	 NRHM PIP 2014-15 part – C / Developme nt Partners	Supportive supervision using android based technology.
	Med	E9	Availability of real time data for evidence based decision-making. Use of android based technology for supportive supervision	District, Block	SIO/DIO / Develop ment partner (UNICEF as lead partner)	01/11/14	31/12/15	 UNICEF	Dissemination through supportive supervision cell, Dept. of PSM, AIIMS, Patna.
	Med	E9	Cold chain supportive management. Capacity building of DIO in using	State	SIO / UNICEF	01/11/14	31/12/14	 UNICEF	1 day training on EVM dashboard.





		EVM dashboard.						
Deployment of Human Resource	High	 Deployment of dedicated full time district Immunization officer, Cold chain technician in each district.	State	GoB / SHSB	01/04/15	31/03/16	 	Regular / NRHM
	High	 Reorganization of cadre of CCH.	State	SIO/DIO	01/11/14	31/03/15	 	Trained dedicated ANM to be given full charge as Cold Chain handler.
	Med	 Recruitment of regional vaccine logistics manager.	State	SHSB/D evelop ment partner	01/04/15	31/03/16	 NRHM/ Developme nt partner	For proposal in NRHM 2015-16.