

## COLD CHAIN LOGISTICS IMPROVEMENT PLAN – SAHARSA

Work Plan for Cold Chain and Vaccine Logistics Management Strengthening										
Criteria : Vaccine Storage Temperature										
What needs 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 all cold chain equipment	High	E2	Ensure alcohol stem thermometer / Data Logger in every Cold Chain Equipment	DVS/BVS	CCH/ MOIC/ DIO/ SIO	01.10.2014	31.12.2014	--	Rogi Kalyan Samiti (RKS)	--
	Med	E2	Capacity building of cold chain handler in reading thermometer.	DVS/BVS	Cold Chain Handler/ MOIC/ DIO/ SIO	01.11.2014	31.12.2014	--	NRHM / PIP Part-C 2014-15	RI Meeting /Trainings. (Monthly and quarterly RI meeting at District and Block level).
	Med	E2	Update temperature logbook with remarks such as review by MOIC and DIO, power failure, defrosting, make and model of cold chain equipment.	DVS/BVS	Cold Chain Handler/ MOIC/ DIO	01.10.2014	31.12.2014	--	--	--
Storage capacity	High	E3	Provision of additional ILR and defreeze as per the target population.	DVS /BVS	SIO and GOVT. Of INDIA	01.10.2014	31.12.2014	--	---	Govt. Of India to supply additional cold chain equipment to the state (Bihar).
	Med	E3	Development of dedicated dry space.	DVS /BVS	DM / Civil Surgeon /DIO	1.11.2014	31.3.2015	--	NRHM (Annual maintena	A partition needed in existing Cold Chain store to develop dry

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	Med	E4	Functional voltage stabilizer for every cold chain equipment's	DVS / BVS	Civil Surgeon/ DIO/DFID	01.11.2014	31.03.2015	--	AMC/DFID	Repair of existing non-functional stabilizer or purchase of new voltage stabilizer where ever needed.
	Low	E4	Provision of land line, telephone with broad band internet connectivity.	DVS / BVS	DM / Civil Surgeon	01.11.2014	31.12.2015	--	NRHM, PIP 2015-16	--
Maintenance of buildings, cold chain equipment's	High	E5	Regular preventive maintenance of cold chain equipment.	District	SHSB	01.11.2014	31.03.2015	--	NRHM/ UNICEF	Each district to have dedicated cold chain technician.
	Med	E5	Preventive maintenance and overhaul programs for vehicles (TEEKA EXPRESS)	District	Civil Surgeon /DIO	--	--	--	--	Half yearly preventive maintenance of vehicles (outsourcing).
	Low	E5	Preventive maintenance of buildings.	District	DM/Civil Surgeon	1.11.2014.	31.12.2015	--	--	Coordination with PWD.
Vaccine stock management	High	E6	Computerized vaccine stock management (BVLMS).	DVS /BVS	UNICEF/ DIO/DEO/ CCH/ ANM	1.11.2014	31.12.2014	--	UNICEF	Scale up BVLMS up to block level.
	Med	E6	Use of standard vaccine stock register, indent form, issue voucher and issue register.	DVS /BVS	SIO/DIO	01.10.2014	31.03.2015	--	--	New vaccine register, pass book challan issue register supplied to all DVS and BVS. training imparted to all cold chain handlers by UNICEF
	Low	E6	Development of system for vaccine arrival notification , Issue of arrival voucher and regular physical count of	DVS/BVS/	DIO	01.11.2014	31.12.2015	--	--	Monthly physical count of Vaccines and Diluents and match with the stock



			vaccines and diluents							register.
Vaccine Distribution Vaccine management	High	E7	Development of effective vaccine distribution plan and its execution.	DVS/BVS	DIO/DEO/CCH	1.11.2014	31.3.2015	--	--	Regular distribution of vaccines from higher level to lower level (RVS to DVS to BVS).
	Med	E7	Implementation of MDVP.	DVS/BVS	DIO/CCH/HW	1.10.2014	31.3.2015	--	--	MDVP guidelines issued by State Health Society (SHSB/RI/348/10/15 38 Dt: 22.02.2014).
	Med	E7	Determination of reorder level for each Antigen and lead time for each facility.	DVS/BVS	DIO/DEO/BHM	1.10.2014	31.30.2015	--	--	Maximum minimum inventory control mechanism to be developed.
	High	E8	Capacity building of DIO/MOIC/Health worker /cold chain technician in various aspects routine immunization and cold chain.	District	DIO and Development partners	01.11.2014	31.12.2015	--	NRHM/PI P 2014-15 Part-C/Development partners	3 day RI training of medical officer and 2 day training of cold chain handler module.
	High	E8	Capacity building of data entry operator and managers in NCCMIS, BVLMS, HMIS & MCTS.	District	DIO and UNICEF	1.11.2014	31.12.2015	--	NRHM/PI P 2014-15 Part-C/Development partners	One day reorientation training on NCCMIS, BVLMS, HMIS & MCTS.
	MED	E8	Training of DIO and MOIC in using immunization data collect.	District	DIO	1.11.2014	31.3.2015	--	--	Half day training of DIO and MOIC using immunization data collection.
MIS and supportive function	HIGH	E9	Supportive supervision for RI and cold chain by line supervisors, development	District/Block	SIO/DIO/Development	1.11.2014	31.3.2015	--	NRHM/PI P-2014-15 Part-	Supportive supervision using android based



			partners, medical college faculties.		Partners				C/Develop ment Partners.	technology.
	MED	E9	Availability of real time data for evidence based decision-making. Use of Android based technology for supportive supervision.	District T/Block	DIO/SIO/ Develop ment Partners	1.11.2014	31.12.2015	--	UNICEF	Dissemination through the supportive supervision cell, Department of PSM AIIMS Patna.
	Med	E9	Cold chain supportive management. Capacity building of DIO /DEO in using EVM dash board.	State	SIO/ UNICEF	1.11.2014	31.12.2014	--	UNICEF	One day training on EVM base assessment.
Deployme nt of human resource	High	--	Deployment of dedicated immunization officer, cold chain technician in each district.	State	GOVT. OF BIHAR /State Health Society Bihar	1.04.2015	31.03.2016	--	--	Regular / Regular of NRHM
	High	--	Reorganization of cadre of CCH.	State	SIO /DIO	1.11.2014	31.03.2015	--	--	Trained dedicated ANM to be given full charge as cold chain handler.
	Med	--	Recruitment of regional vaccine logistic manager.	State	SHSB / Develop ment Partner	1.04.2015	31.3.2016	--	NRHM/ Developm ent Partners	For proposal in NRHM PIP-2015-16