**Clarifications on proposal seeking PCV 13 at GAVI’s AMC price submitted by the MOH, Mongolia**

1. The main recommendation of the EVM assessment done in 2012 was to increase the net vaccine storage volume by installation of cold room with 40 cubic meters volume at the Central Vaccine Store. The MOH ordered 40 cubic meter cold room to the UNICEF Supply Division recently. We hope the room will be installed at the Central vaccine Store of the National Center for Communicable Diseases within the first half of 2014.

As per recommendation of the EVSM assessment total of 4800 cub meters storage capacity is needed additionally for intermediate and grass root level immunization units for PCV and other new vaccine introduction.

Currently 33 Ice Lined Refrigerators (ILRs) are being used at the Central Vaccine Store (6 Vestfrost MK 304,and 27 Haier HBC-200). All these ILRs have a total net volume of 3,078 litres. The ILRs would be replaced by the cold room and will be shifted to lower levels where need cold chain volume.

The MoH Mongolia procured new 30 ILRs in 2013, the WHO 22 ILRs (MK 074) and plus 18 ILRs (MK 074) by the UNICEF for immunization units of PCV demonstration sites and its focus areas. These new ILRs will be located at lower levels of immunization units where need cold chain volume and replacements.

According to the replacement plan of cold chain equipments every year the MoH will procure 30-50 of refrigerators newly to replace unrepairable ILRs.

1. If Pfizer donation on PCV -13 vaccines is not available, the MOH of Mongolia will pay for 120,000 of PCV-13 vaccines at AMC price and safety devices for the selected 2 districts for PCV demonstration in 2014.
2. In Mongolia, the waste which is generated due to immunization activities should be disposed in accordance with Ministerial order No.359 approved on 7 November 2011. The following Provisions are legally enforced as per the Minister’s decree:

3.1. In urban area with dedicated waste management mechanism the following steps should be complied to disinfect and manage the waste of vaccine and bio preparation.

3.1.1. To disinfect items in high pressure saturated steam at 132 °C for around 30 minutes (autoclave)

3.1.2. To smash sharps and hard items using the crusher

3.1.3. To disinfect wastes produced by the crusher using chemical disinfectants such as chlorine lime, calcium hypochlorite, chlorine beta-naphthol, benzyl chlorine phenol, quaternary ammonium compounds etc. and then to bury it in 2 meters or above deep hole.

* 1. In area without dedicated waste management mechanism including rural area the following steps should be complied to disinfect and manage the waste of vaccine and bio preparation.
     1. To disinfect items in high pressure saturated steam at 132 °C/ approximately 2 atmosphere pressure for around 30 minutes (autoclave)
     2. To smash after the disinfection and bury it in 30 cm deep hole in centralized waste place.

This process will be followed in the rural areas and providing the autoclave for health care settings in rural area has been done step by step. The country Multi Year Plan on immunization planned the following budget for safety and waste management of the immunization activities which will be reflected in the local and central budget of the MOH accordingly from 2015:

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| --- | --- | --- | --- | --- | --- | --- |
| № | Program component | 2015 | 2016 | 2017 | 2018 | 2019 |
| 1 | Autoclave installation for all province and districts | 51000$ | 68000$ | 102000$ | 136000$ | 145000$ |
| 2 | Maintenance and running costs for waste management | 7650$ | 17850$ | 33150$ | 53550$ | 60000$ |
|  | Total | 85650$ | 85850$ | 135105$ | 189550$ | 205000$ |

Currently all immunization units in Ulaanbaatar city have contracted with “Element”, a private company. This company is responsible for disinfecting and managing the wastes from immunization units. Now the ‘Element’ company performs the function.