



Model School as per the 3 Star Approach of Government of Nepal.

SUBMITTED BY

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Splash (Prabhav) Nepal

EXECUTIVE SUMMARY

Project Title	Model School as per the 3 Star Approach of Government of Nepal
Project Description	Developing a Sustainable WASH infrastructure in the Schools with the easy accessibility of Clean safe drinking water, better hygiene awareness with menstrual management and the child friendly sanitation services as per the Government 3 Star Approach.
Objective	<p>Development Goal</p> <p>To contribute to accessibility of clean safe drinking water for the school students, improved hygiene awareness, child friendly sanitation services and better source management with alternative source of water i.e. Rain Water Harvesting and Grey Water Management.</p> <p><i>Project Objectives</i></p> <ol style="list-style-type: none">1. Increased awareness and access to WASH infrastructure facilities for school in through establishment of innovative WASH facilities.2. Increased capacity of school children and teachers and local leaders to manage and sustain WASH facilities in the selected schools.
Target groups	<p>Project beneficiaries:</p> <p>The project will directly benefit the total number of students and the teachers within the School.</p>
Time Span	2017-18
Implementing Partner	Splash (Prabhav) Nepal
Budget for the WASH Program	Rs. 5,00,000

Context: Access to Clean, safe and secure water resources is an essential prerequisite for the kids and the communities to prosper. Sadly, this is far from the reality for many of the poorest people and kids in the Urban Population and at the Rural Areas who do not have access to clean safe drinking water supplies. Despite the overwhelmingly clear evidence that providing safer, accessible and more reliable supplies of fresh water leads to healthier populations and economies" millions of people still struggle to access safe drinking water.

Water is also not so easy to keep clean, particularly if it must be transported from a shared source to the point of use. It has been shown that "improved sources" are not always safe, and can be contaminated by chemical pollutants or human or animal excrement. Infectious diarrhea is the most common disease related to unsafe water, sanitation and hygiene, mainly affecting children under 5. Globally it causes the deaths of over 1,000 children every day.

The Government of Nepal has set a national target for providing a basic level of water services and access to improved sanitation for all by the end of 2017 (100% of the total population, which is 22.6 million according to 2011 census). As per government estimates, as of now, 85% of the total population has access to basic water supply services and 62% has access to basic sanitation facilities (access to toilets). However, there are a lot of challenges for sustaining these achievements and making water services and sanitation facilities available to the remaining portion of the population or currently un-reached people. Some major challenges are attributed to the lack of adequate resources (financial and human resources), lack of appropriate and affordable technologies, and lack of energy (although there is huge potential for hydro power and only a very negligible part has been utilized).

Several studies have shown that even if the water quality is high at a public source point, contamination frequently occurs during transport, handling and storage in the home. A variety of household water treatment technologies have been reported by the World Health Organization (WHO) to be effective methods of improving drinking water quality at the household level.

Rationale: The proposed project will be designed to improve the availability, reliability and sustainability of WASH infrastructure in the selected School located at Dolakha in line with the set goals of better WASH facilities as specified in the Sanitation and Hygiene Master Plan 2011. Splash Nepal intends to build upon lessons learned from almost a decade long experience in the field of WASH with the support of donor organization towards the greater goal of developing sustainable WASH infrastructure at the Schools.

Project Goal:

1. To strengthen the capacity of the WASH facility for the sustainable WASH infrastructure at the Schools while ensuring access to such schools and in the local communities;
2. Enhance a sense of ownership of the participating school by the beneficiaries and their communities.

Project Objectives:

1. Increased awareness and access to WASH infrastructure facilities for school in through establishment of international standard WASH facilities.
2. Increased capacity of school children and teachers and local leaders to manage and sustain WASH facilities in the selected schools.

Key Action Area:

1. Installation of WASH Infrastructure that meets the international standards;
2. Provide community awareness to the nearby community members and the students.
3. Empowering partners towards sustainability of the Project.

Proposed Project Activities

1. Conduct the technical viability study on schools through collaboration and participation of government agencies in identification and selection of schools.
2. Conduct baseline survey by focused on the status of existing WASH infrastructure;
3. Prepare operational plan for improvements, conduct the capacity building workshops for the instillation of the total WASH Approach in School.
4. Develop WASH infrastructure as planned and agreed upon while adopting community ownership model in close cooperation with the participating institutions.
5. Empowering the Partner Institutions towards attaining the sustainability of the Project and multiplying the impact.

Proposed Project Area and Beneficiaries

Mirghe Village and the nearby areas. Schools and nearby Community Outreach.

Total Beneficiaries: 300.

Organizational Background

Splash Nepal (प्रभाव नेपाल) previously known as A Child's Right Nepal has been continuously working towards preserving the rights of children towards enhancing their access of safe drinking water and the better WASH infrastructure. Splash Nepal (प्रभाव नेपाल) has installed, repaired and maintained the WASH infrastructure at the 240 Community Schools within Kathmandu Valley, 4 Orphanages, 1 Hospital (Kanti Children Hospital) and 2 Shelter Homes. With the Key offerings of better and Continuing Services, mobile experienced technical teams to ensure the Continuity of the better WASH Infrastructure, Empowerment of the Partners to attain the Sustainability of the Program and WHO Standard Quality of Drinking Water and regular monitoring of the water quality to ensure set international standards are met, it has partnered with almost 45% of Community Schools within Kathmandu Valley (with the coverage of 90% of big schools). Splash Nepal installs International Standard Filtration Unit with 99.9999% removal of biological contaminations, bad taste and odor. It also, conducts need based hygiene education training, improve curriculums and best of methods/practices, develops Child Friendly Sanitation Facilities, usage of better sanitation facilities and installs affordable and Qualitative Rain Water Harvesting and Grey Water Harvesting facilities.

Budget Estimate: Rs. 5,00,000 (Five Lakhs only)

S. N	Particulars	Amount (Rs.)
1	Filter System – UF and UV Integrated Filter System with necessary Plumbing and Fittings	Rs. 4,00,000
2	Hygiene Package Per Big School – 7 FATS Installation (Please refer Annex-1 for the details about 7 FATS Program). Teachers Training and Child Club Formation	Rs. 50,000
3	Sanitation – Child Friendly Toilets (Big Schools). This includes colors, tiling, doors repair and ventilation and lighting. Average Cost	Rs. 40,000
4	Water Test – Pre-and Post. Detailed Water Testing for the Physical and Chemical Properties in Water for 26 Parameters	Rs. 10,000
	Grand Total	Rs. 5,00,000

*(** These are the actual cost to be incurred for the project)*



UF and UV Filter System:

The Filter System have UF which filters out 99.9999% of Bacteriological Contamination and have an output capacity of 30 Liter per Minute. Mesh Strainer, UV Lamp, Carbon and Automatic Backflush are its major components. Motor and Auto Device are added on based on the pressure assessment.



Sanitation

Sanitation Activities involves following list of activities:

1. Tiling for the easier and sustainable cleaning processes in future.
2. Installation of Drippers in the for the Toilet Flushing and low consumption of the water.
3. Installation of Trash Cans for the Girl Friendly Sanitation Facility for the Sanitary Napkins Disposal.
4. Installation of the Ventilation for the proper lighting and air purposes.
5. Installation of Push-Cock Taps for the easier accessibility of Water for the proper use of sanitation facilities.
6. Coloring and Informative Sanitation Structure for the increased use of Sanitation Facilities.



Drinking Stations:

Drinking Stations have following features:

1. Made-Up of Fiber Materials, which is easy to repair for the longer period of time. This fiber looks better and uniform and can be molded with the appropriate design.
2. Bubbler Faucet: These taps are pressmatic taps that doesn't reduces the risk of contamination through the use of hands or other bottles, cups etc.
3. Donor plaques and donor logo can also be designed appropriately in the fibers.



Hygiene Activities includes the following list of activities:

1. Teachers Training. Teachers will be trained for the sustainable WASH Implementation.
2. Child-Focused Training with fulfilled games and formation of child clubs.
3. Soap Collection: One Soap, One Child and One year.
4. Community Health and Hygiene Program for the Community Members.

Hygiene Awareness Program will be subject to the School being open and class being run. Generally, the Hygiene Awareness Program is planned within a month after the Filter Installation at the sites are completed.

Depending upon the collaboration and interest from the community and the School Management Committee, nearby Community Members will also be benefitted by the low-cost Drinkable Water.