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Project Summary

Through IDEAS For Uganda, the Kiburara community in Kasese District, Uganda was supported by the Nika Hosseini Foundation in 2017 to avail clean drinking water to over 6000 residents. The Nika Hosseini Foundation support however only funded the construction of two tap stands for the entire village, built the project coordination office, and constructed the solar-powered water source but the overall project needs an expansion boost to be able to pump enough water for the village.

With the current presence of two tap stands, only 15% of the population is given the benefit of clean drinking water. In an effort to provide more clean drinking water to the citizens of Kiburara, IDEAS For Us is asked to fund construction of two more tap stands in a trading centre in Kiburara that facilitates well over 1677 people. This will be one of the great achievements in 2019 and a tremendous step in the direction of the ninth Sustainable Development Goal.

Objectives

- To provide an outlet to clean and safe drinking water to a Kiburara trading centre that has over 80% of its population in dire water access scarcity, in 2020
- To create an environment for the residents in this Kiburara trading centre that will improve their living standards, especially women in 2020.

Goals

- Constructing two (2) community water tap stands that provide reliable water in a Kiburara trading centre by February 2020
- Reducing water-borne disease case reports at Kiburara Health Center from currently over fifty cases per month to less than ten by October 2020. The reduction of water-borne disease will improve people's health and quality of life.
- Conserving the Nyamugasani and Rwembio rivers through reducing open fetching places on them from currently twenty-three to utmost ten by November 2020. Reduced open fetching places will reduce the rate at which the rivers are being channeled and made susceptible to drying factors that have reduced their volumes in recent years.
- Availing clean and safe drinking water to students of at least three of six Kiburara schools that will exhibit a total enrollment of 1533 students during their schooling by April 2020.
- Full utilization of the Turbo-Disc Filter System that was donated by NIKA Hosseini Foundation to the Kiburara community to filter bacteria from drinking water by 99%. The Water Filtration Machine is currently not being used to its fullest capacity because it only serves two tap stands that are accessed by

few residents because of the long distances. If reliable access to water is extended to the entire village, the machine will be put to optimum use and serve a greater amount of Kiburara residents.

Desired Outcome

- Reduced levels of poverty caused by overspending on water-borne diseases and poor sanitation by Kiburara residents from currently over 70% to atmost 20% level. The saved incomes will be put in income generating activities hence fighting poverty
- Increased economic productivity by the women of the Kiburara trading centre through reduced time and distance traveled to access a tap stand (currently on and off water flow) from currently 2 kilometers to at least 500 meters. The time spent on non-economic activities has impacted negatively on Women economic empowerment and this project is here to address that problem among the economic activity by women of the Kiburara trading centre. Women make up about 65% of Kiburara trading centre population.
- The increase in economic activity by women will help improve the well-beings of families because there will be more involvement in providing for the family and less stress on a single-provider.
- Improved standards of living for at least 500 people in the Kiburara trading centre who have limited to no access to clean and safe Drinking water apart from rain and river water.

Budget Breakdown

Item	Size	Qty	Rate	Amount(Ugx)	USD
H.D.P.E Tapping Tee	1 inch	2	70,000.00	140,000.00	38.89
H.D.P.E Pipes	32mm(In rolls)	15	420,000.00	6,300,000.00	1,750.00
H.D.P.E Straight Socket	32mm(In pieces)	17	15,000.00	255,000.00	70.83
Male Adaptor	32mm(In pieces)	2	9,000.00	18,000.00	5.00
Male Adaptor	25mm(In pieces)	2	8,000.00	16,000.00	4.44
H.D.P.E Reducing Socket	3/4(In inches)	1	10,000.00	10,000.00	2.78
Gi Pipe	3/4(In inches)	1	60,000.00	60,000.00	16.67
Gi Tee	3/4(In inches)	1	4,000.00	4,000.00	1.11
Gi elbows	3/4(In inches)	2	8,000.00	16,000.00	4.44
BiB Taps	3/4(In inches)	2	60,000.00	120,000.00	33.33
Thread tapes	Pieces	2	5,000.00	10,000.00	2.78
Cement	50kg each	3	35,000.00	105,000.00	29.17
Sand	Trips	1	70,000.00	70,000.00	19.44
Bricks	Pieces	500	100.00	50,000.00	13.89
Aggregates	Trips	1	120,000.00	120,000.00	33.33
Purchase of more tanks	10,000 liters capacity tank	2	3,500,000.00	7,000,000.00	1,944.44
Tanks-Raising Platform	7 meters tall and 5 meters radius	1	15,000,000.00	15,000,000.00	4,166.67
Miscellaneous	Lumpsum	1	200,000.00	200,000.00	55.56
Technical Labour costs	20% of material	1	6,198,560.00	6,198,560.00	1,721.82
TOTAL				35,692,560.00	\$9,914.60

Sources

- http://www.news-journalonline.com/news/20180204/water-flows-in-uganda-village-thanks-to-volusia-student?_ga=2.241171459.1818681668.1517829152-571440500.1517224633)
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