**MISUUNI DEVELOPMENT SELF HELP GROUP**

 *Empowering rural community for sustainable livelihood*

***Location of the project:*** MISUUNI VILLAGE,

MIUMBUNI SUB-LOCATION,

KATHIANI DISTRICT

EASTERN PROVINCE OF KENYA

***Conduct Persons:***

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**GENERAL OBJECTIVE**

General objective of this project is to supply clean and purified water to the peopleof misuuni village and their neighboring community.

**SPECIFIC OBJECTIVE**

The specific objective of this project is to drill a bore hole to provide adequate and purified water to people of misuuni community.

**MISUUNI COMMUNITY WATER PROJECT**

1. For drilling and Equipping Borehole
2. scooping a Earth dam
3. water treatment plant
4. Digging trenches and backfilling
5. Water distribution
6. 6.Construction of water tower
7. Purchase of water tanks
8. Construction of water points
9. Construction of pump house and store
10. Construction of pit latrine at the borehole site

**PROJECT LOCATION**

Misuuni community water project is located about 40 km North of Machakos town and about 70 km south east of Nairobi City,( the capital of Kenya ) The local market is Miumbuni. The area has no permanent river but has many valleys covered with sands and rough stones. The area is arid and semiarid land with very little rainfall per year.

**BACKGROUND AND ORIGIN OF THE PROJECT**

Misuuni community water project (MWCP) was started by members of Misuuni Self Help Group (MSHG) which is a national category CBO (Community Based Organization). It was registered in 2007with the Ministry of culture and social services **MKS/CD/1/R/S/G2910 dated 19/4/2007** The group has been engaged in community work on voluntary basis since 2005 before it was registered as a CBO.

The self help committee members are endowed with professionals drawn from various sectors namely, Education, water & Irrigation, business, Health, Agriculture & livestock, Social services. The professionals have had long- standing experience in their respective sectors and are conversant with Miumbuni/ misuuni rural setting. The group has the advantage of being in constant touch with the community they serve, The group members have paramount interest in promoting the well being of the rural community, lack of water being the major problem that poses as a threat to human survival, economic development and security ( health). The group believes on tapping the community’s knowledge, skills, resources and mobilizing them to incorporate those in their development agenda. The group is directed towards promoting a sense of community responsibility among the people and to achieve an improved quality of the life in the community. **The main aim is to improve health and prevent illness coursed by waterborne diseases.** MSHG held several meetings with local community i.e. Location Chief, Area Assistant Chief, Village Elders, Church Leaders and other stakeholders who came up with the idea to solve water problem in Misuuni village.

**COURSE OF PROBLEM**

Misuuni village which has been a major problem due to shortage of rainfall. Misuuni self help group decided to start MCWP to sink a community borehole to alleviate water problem which has been a health hazard in the area. MSHG members are drawn from within the Misuuni community. Its committee members are elected by the entire community in a public meeting (baraza). The group holds public meetings (baraza) with the community where they all air their views which are addressed accordingly by the members. It is important to note that the members of the Misuuni community live below the poverty level of less than a dollar a day. Women and children from Misuuni village usually walk for long distances to fetch untreated water from rivers and dams. This poses a risk to their health and asserts a lot of manual labor.

Misuuni village has only one earth dam which dries up during the dry season. Water from this dam is untreated. Therefore, it is a source of water-borne diseases like cholera and bilharzias that have been major killer diseases in this area. To show community commitment towards the goal of getting water, the community had manually dug another earth dam near the Misuuni market. Unfortunately, the dam was swept away during the April 2008 rains. MSHG wrote a proposal to MANOS UNIDAS (Spain) requesting to be assisted with finances to drill a borehole for the Misuuni community. The proposal was approved and the group was awarded Euro 39, 000 which the group used to drill a borehole with a yield of 85 cm/hr which the community is now using to draw and purify water. The borehole, however, is not enough to serve the entire community of about 3, 500 people. The community members queue to draw water form the borehole. MSHG has been contributing money by mobilizing funds to drill a borehole for the community and the due to the level of poverty, it cannot raise enough money and donors are currently not available or willing to assist the community.

The group was made up of 150 families with a total population of about 1, 500 persons of various ages. Not all community members of the administrative sub location because the registered group consisted of only the families whose leaders were convinced that they need to cooperate to improve their economy and their environment. The group elected Mr. John Ndolo Kitonyi as their leader and facilitator, a committed Christian who works as a public servant in the Office of the President – Ministry of State Defense. Since the formation of the group he has lived with them, plans with them and implements the plans with them as they agreed upon.

The group formed seven committees to deal with various challenges they faced; water harvesting, food, Education, health, security, culture and soil conservation. Each committee would plan for activities and share the plan with the rest of the members of MSHG for approval and implementation. Women are the majority in the committees and in daily operations of the group. The men participate but they acknowledge the leadership of the women who have been elected because of competence and leadership qualities. Every Monday each member-family sends a representative to work together with the others on a project earlier agreed upon. They work on each others farms and homes in turns once every week. This has been done since 2006. In monetary terms, the cost of this labour is worth millions of dollars. The results of this investment are there for any visitor to see. There are beautiful terraces which conserve the soil and retain moisture on the slopes which have now been serving rehabilitated into fertile farms. Two earth dams have been built serving as water reservoirs of rain-harvested water.

 Misuuni community is in control of its own present and future. Other actors have to meet the community on its own terms, including politicians, NGOs, Administrators and Religious leaders. In long term this is a sustainable community because it has set its own priorities, which it implements using its own labour and resources. If some help comes from outside, the members appreciate but they do not wait for help in order to implement their plans. They go on as if there is no one to rely upon except God and themselves. Their investments are built to last and when group members work, they know they are doing it not only for themselves, but for posterity

SOCIAL AND CULTURAL VIABILITY

Socially the community is cohesive, cooperative and work voluntary with a view to achieving their development goals. Cultural- the community belongs to one cultural group (Kamba Tribe) and they are very united. They have organized themselves in to self help groups and merry go rounds for assisting each other in case of any problem occurring.

SECTOR OF PRIORITIES

MCWP works with existing community based development groups, (GOK) Government of Kenya and other Development agencies with a focus on environmental conservation. The project in collaboration with WRMA office in Kathiani District and the District Water office are working hand in hand to ensure clean and purified water is provided to the community.

PROBLEM DEFINITION

Misuuni village is located in (ASAL) Arid and Semi Arid Land of East Africa, lack of water being the major problem that poses as a threat to human survival, economic development and social security. After MSHG held several public meetings with Misuuni local community to address the water problem, it was agreed to prioritize water in their development plan.

BENEFICIARIES AND STAKEHOLDERS

The following are the beneficiaries of Misuuni Community Water Project:

* Misuuni Primary School - about 600 pupils and its teaching staff.
* Misuuni Local Churches - about 1,200 congregations.
* The entire Misuuni local community and their neighbor with a population of about 2,500 people
* Misuuni community water project will benefit over 4,000 people. Water points will be constructed in the market place, the primary school ground, church compounds and along the roads within a distance of every 2 kilometers for beneficiaries to be drawing water.
* Misuuni local community will be the main stakeholder and beneficiary of this project.

LONG TERM IMPACTS

* The project will solve the problem of waterborne diseases that is currently a menace in the village due to use of contaminated water.
* The project will go a long way in solving perennial water problem that has affected both people of Misuuni and their livestock.
* The project is likely to reduce the man-hours lost by the community in search of water and invest the same in development activities.
* School children need the project to reduce time wasted traveling long distances looking for untreated water which affects their learning process.

MEDIUM TERM OUTCOMES

* According to African tradition, women and children are the ones who fetch water and spend most of the day looking for water walking long distances with children on their backs. They need this project the most.
* Farmers will use water to grow crops all year round for their subsistence as well as for their incomes and reduce poverty level without fear of drought.
* Community will start income generating activities.
* Enhance food security for rural community.
* Project will have capacity to provide water for irrigation for subsistence and sell the surplus.
* Most children will join school after reduction of poverty
* Schools will have improved performance due to time reduced for children in search of water
* Create employment.

 IMMEDIATE OUTPUTS

* Poverty will be reduced drastically in the area once the project is finalized.
* Farmers will grow subsistence food crops.
* Pupils will have more time to concentrate in their studies and score high grades and get better grades which will give them better jobs.
* Health will improve by reducing sickness brought by use of contaminated water.
* Misuuni primary Scholl which has low enrollment due to poverty level will increase enrollment. .
* The school will improve its infrastructure as the parents improve their incomes.
* Crime level will reduce in the area once the village will get busy in their farms and improvement of their income.
* Community members will improve in their health.
* Death rate will reduce after use of purified water

ACTIVITIES

1. 1.Water geological survey
2. 2.Procurement of contractors for drilling
3. 3.Equipping of the borehole
4. 4.Procure water pipes for water distribution
5. 5.Digging of water trenches sand backfilling
6. 6.Construction of water points
7. 7.Construction of water tower
8. 8.Purchase of PVC water tanks
9. 9.Purchase of generator for water pumping or install electricity
10. 10.Construction of pump house and store
11. 11.Construction of pit latrine at the Borehole site
12. 12.Purchase of four PVC water storage tanks
13. 13.Fencing the Borehole site

**RISKS**

The project will sign an agreement with any contractor to be awarded any work in case of failure to finish work successfully Payment will be done in phases. A warranty guarantee of 1 year will be signed with any contractor to be awarded any work for the project.

COSTS AND FINANCIAL PLANS

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| --- | --- | --- | --- |
| **Geological survey** | **By WRMA** | **80,000/=** | **10, 000** |
| Procure Drilling contractor | Registered with WRMA | 6,000,000/= | 75,000 |
| Purchase submersible pump | To be installed by a contractor | 850,000/= | 10625 |
| Purchase and install generator 15 KVA or install electricity | By a contractor | 1,200,000/= | 15,000 |
| Purchase and install control panel | By the contractor | 450,000/= | 5625 |

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| --- | --- | --- | --- |
| **Construct water points** | **By local masons** | **180,000/=** | **2,250** |
| Purchase water meters | By the committee | 50,000/= | 625 |
| Community contribution | Manual labour | 3,000,000/= | 37,500 |
| Contingencies | By the committee | 2,500,000/= | 31,250 |
| Payment of GOK fees | By the committee | 80,000/= | 1,000 |
| Miscellaneous expenses | By the committee | 50,000/= | 625 |
| Capacity building | By wrma | 160,000/= | 1,875 |
| Transport materials to the site | By the committee | 420,000/= | 5,250 |
| Mobilize equipment to the site | By the drilling contractor | 130,000/= | 1,625 |
| Human resources | By management committee | 80,000/= | 1,000 |
| **TOTALS** |  | **16,000,000/=** | **177,777** |

**MONITORING AND EVALUATION AND REPORT ARRANGEMENT**

Funds for this project will be used in accordance with the project goals and objectives. The project guidelines will be strictly followed in term of project budgetary guidelines. Monitoring and evaluation will be a continues process through out the project period. The project chief executive who is the chairman of the project committee is a civil servant in the Republic of Kenya. He and the project committee will be fully in charge of monitoring and evaluation and will be sending technical reports on progress of the project for any necessary remedial and actions.

**ACOUNTABILITY**

Auditors will be invited every now and then to check on the expenses of the project. Reports will be sent to EWB on monthly basis and audited reports will be forwarded on quarterly basis. General meetings will be called by the committee on quarterly basis to be informed on progress of the project.

**SUSTAINABILITY**

For sustainability of the project, the committee will be selling water to the local community at a minimal fee of ksh.5.00cts per 20lts jerrican of water to make it affordable by everybody in the community. Money collected from sale of water will be used to purchase fuel for pumping water or paying for electricity bills, pay wages for watchmen and repair the pump and also maintain the pipes and storage tanks.

The project committee will be conducting fund raising from well wishers and Government agencies to assist in project maintainace. The committee will contribute money on monthly basis which goes to the project Bank Account for sustainability and for any unforeseen circumstances. Part of the agreement with the winning bidder will have an element of grantee for a stipulated period. Besides the contractual assurance, liaison will be forged with the ministry of water development and WRMA for regular checks and ensure sustainability and technical advice.

**EXECITIVE SUMMARY**

We as the entire misuuni community request your organization for financial assistance to sink a borehole for misuuni community, we have suffered for a long time due to lack of clean water brought by luck of enough rainfall. Misuuni village is situated in arid and semi arid lands of East Africa, the community here live below poverty level and cannot afford to drill a borehole.

Women and children suffer the most because they cover a lot of kilometers to fetch untreated water from rivers and dams, this poses a risk for their health and course a lot of manual labour. Misuuni community has dug several earth dams which end up drying up during dry seasons. This untreated water is the major course of water borne diseases like cholera and bilharzia which has been a major killer disease in this area. Misuuni community is faced with a problem of water wells and earth dams which dry up during dry seasons thus, forcing people to travel long distances in search of water for their domestic use as well as for their livestock. School children and students need the borehole to reduce time wasted traveling long distances looking for water which affects their learning process

**CONCLUSIONS**

The project will improve and achieve an improved quality of life in the community. The aim is to improve health and prevent illness coursed by water borne diseases from around 70% to 10% by the year 2013.The project is timely because majority of the residents live below poverty line and cannot afford to sink a borehole.

**RECOMMENDATIONS**

**Misuuni** self help group is requesting for ksh 16million ($177,777) for drilling and equipping the proposed Misuuni community borehole.

Government registration certificate

