# Global Grant Application

**GRANT NUMBER**
GG2696902

**STATUS**
Draft

## Basic Information

**Grant title**
Cameroon Menfoung and Bombey Village Water, Sanitation & Hygiene (WASH) Project

**Type of Project**
**Humanitarian Project**
Address community needs and produce sustainable, measurable outcomes

**Primary Contacts**

| Name | Club | District | Sponsor | Role |
|---|---|---|---|---|
| Joshua Knight | Denver Southeast | 5450 | Rotary Club | International |
| Yaouba Ibrahim | Kumbo | 9150 | Rotary Club | Host |

## Committee Members

**Host committee**

| Name | Club | District | Role |
|---|---|---|---|
| Jane Francis Ndzerem | Kumbo [ Rotary Club ] | 9150 | Secondary Contact |
| Chin Medorni | Kumbo [ Rotary Club ] | 9150 | Secondary Contact |
| Seni Yusufa | Kumbo [ Rotary Club ] | 9150 | Secondary Contact |

**International committee**

| Name | Club | District | Role |
|---|---|---|---|
| Martha Boon | Denver Southeast [ Rotary Club ] | 5450 | Secondary Contact International |
| Stephen Werner | Denver Southeast [ Rotary Club ] | 5450 | Secondary Contact International |
| Peter Van Arsdale | Denver Southeast [ Rotary Club ] | 5450 | Secondary Contact International |

**Do any of these committee members have potential conflicts of interest?**
A conflict of interest occurs when someone is in a position to make or influence a decision about a grant or award that could benefit them, their family, their business, or an entity in which they serve in a paid or voluntary leadership or advisory position.

**For each Rotary member who serves on the grant committee, list all relationships that the member has with any scholarship recipients, cooperating organizations, project vendors, or other individuals or organizations that will benefit from the grant.**

Joshua Knight, PhD, PE, is the Founder and Executive Director of Catholic Engineering Corps (CEC), a cooperating organization that will provide volunteer engineering and project support for this grant. CEC will assist with engineering design review, project management, implementation oversight, monitoring, evaluation, and reporting activities.

To avoid any actual or perceived conflict of interest, no grant funds will be used to pay Dr. Knight's salary, stipend, consulting fees, or other personal compensation. Catholic Engineering Corps may be reimbursed for pre-approved direct project expenses at cost, but no salary, professional fees, overhead or markup. All grant funds will be used exclusively for project implementation and related project expenses as approved by Rotary. Dr. Knight's involvement is solely in a volunteer capacity and is intended to support the successful execution and sustainability of the project.

**Next, list all relationships that district officers and other members of the sponsor clubs or districts (other than the members of the grant committee) have with any award recipients, cooperating organizations, project vendors, or other individuals or organizations that would benefit from the grant.**
None

## Project Overview

**Tell us a little about your project. What are the main objectives of the project, and who will benefit from it?**
This international Global Grant-funded project will provide reliable, safer water, school sanitation and hand-washing facilities, and community WASH education to approximately 4,000 people, including 353 school children, in Menfoung Mbororo III and Bombey Konye, Cameroon.

In Menfoung Mbororo III, a qualified hydrogeologist will guide borehole siting and groundwater development. A solar-powered/hybrid submersible pump will lift water to elevated storage, after which water will be distributed by gravity to community collection points. Water storage, rather than a battery bank, will provide the normal operating buffer, so the system will not depend on reliable grid electricity. If the first borehole location is dry or has inadequate sustainable yield, the drilling results will be reviewed and an alternate site evaluated; any material change in source or scope will be reviewed with Rotary before proceeding.

In Bombey Konye, the project will protect and develop a mountain spring, provide storage, and distribute water by gravity to community collection points. Stand taps and hand-washing areas in both communities will drain to appropriately sited subsurface soakaways or drainage pits to prevent surface ponding and mosquito-breeding habitat.

The project will also construct model school latrines and hand-washing facilities and provide WASH and disease-prevention education; menstrual hygiene and fertility workshops; Water Management Committee and caretaker training; financial sustainability/circuit-rider education; and latrine operation, cleaning and maintenance training.

The Rotary Club of Kumbo is the host sponsor and the Rotary Club of Denver Southeast is the international sponsor. The Association for Sustainable Development (ASD) and Catholic Engineering Corps (CEC) are cooperating organizations. The communities will participate throughout assessment, design, implementation and handover; contribute 15% cash toward capital construction; provide agreed in-kind support; and establish Water Management Committees, trained caretakers and sustainable user-fee systems. The project is planned for completion within 12 months.

## Areas of Focus

**Which area of focus will this project support?**

Water, sanitation, and hygiene

## Measuring Success

Water, sanitation, and hygiene

**Which goals of this area of focus will your project support?**

Facilitating universal and equitable access to safe and affordable drinking water; Improving water quality by protecting and maintaining surface- and groundwater resources, reducing pollution and contaminants, and promoting wastewater reuse; Facilitating universal and equitable access to improved sanitation and waste management services in order to achieve open defecation-free communities; Improving community hygiene knowledge, behaviors, and practices that help prevent the spread of disease; Strengthening the capacity of governments, institutions, and communities to develop, finance, manage, and maintain sustainable water and sanitation services;

**How will you measure your project's impact? Find tips and information on how to measure results in** the Global Grant Monitoring and Evaluation Plan Supplement. **You need to include at least one standardized measure from the drop-down menu as part of your application.**

| Measure | Collection Method | Frequency | Beneficiaries |
|---|---|---|---|
| Number of people with access to improved sources of drinking water | Direct observation | Every year | 2500+ |
| Number of individuals trained | Grant records and reports | Every six months | 50-99 |
| Number of communities with a functioning governance committee in place | Direct observation | Every year | 1-19 |
| Number of communities utilizing a tariff/usage fee structure | Focus groups/interviews | Every year | 1-19 |

**Do you know who will collect information for monitoring and evaluation?**

Yes

**Name of Individual or Organization**

Catholic Engineering Corps (CEC) and Association for Sustainable Development (ASD)

**Briefly explain why this person or organization is qualified for this task.**

Catholic Engineering Corps (CEC) and the Association for Sustainable Development (ASD) have substantial experience in monitoring and evaluation for community WASH projects. ASD has supported M&E for all eight Denver Southeast/Kumbo Cameroon Global Grant WASH projects. Eugene Lendzemo, ASD project manager and professional geologist, has more than 15 years of experience working with rural communities and will coordinate routine field data collection, community interviews, Water Management Committee records, training records and site observations.

CEC will review and analyze the monitoring information, help verify technical and sustainability outcomes during remote and field reviews, and assist Denver Southeast and Kumbo Rotary with grant reporting. Joshua Knight has prior experience supporting Engineers Without Borders monitoring and evaluation systems and Global Hope Network International's Monitoring, Evaluation and Learning program. CEC and ASD have also collaborated on analysis of WASH governance and sustainability and presented this work at the Colorado WASH Symposium in Boulder.

Formal grant M&E will continue throughout implementation and project closeout. The principal WASH indicators are: (1) people with access to improved drinking water; (2) individuals trained; (3) communities with a functioning governance committee; and (4) communities using a functioning tariff/user-fee structure. Training attendance and learning will be documented through records

and knowledge checks. Longer-term follow-up is planned for approximately two years, with continued community, ASD and Rotary monitoring thereafter.

## Location and Dates

Humanitarian Project

**Where will your project take place?**

**City or town**
Menfoung Mbororo III & Bombey Konye

**Province or state**
West & Southwest

**Country**
Cameroon

**When will your project take place?**
2026-10-12 to 2027-10-11

## Participants

Cooperating Organizations (Optional)

| Name | Website | Location |
|---|---|---|
| Association for Sustainable Development ASD | | Kankop Bafoussam Bafoussam Cameroon |
| Catholic Engineering Corps | https://catholicengineeringcorps.org | 4520 Decatur St Denver United States |

**Supporting Documents**

- MOU-GG2696902-Bombey_Menfoung-20260831.docx
- 
- MOU-GG2696902-Bombey_Menfoung-20260831.docx

**Do any committee members have a potential conflict of interest related to a cooperating organization?**

Yes

**If so, please briefly explain.**

Explained above in Step 2, Committee Members.

**Why did you choose to partner with this organization and what will its role be?**

Since 2018, Denver Southeast Rotary and the Rotary Club of Kumbo have partnered on eight prior Rotary Global Grants covering twelve Cameroon communities. ASD and CEC have supported this portfolio in complementary roles.

The Association for Sustainable Development (ASD), based in Cameroon, provides local project management, geology and hydrogeology support, logistics, community mobilization, technical data collection, training and M&E field support. ASD has extensive experience working with rural communities to identify priorities, develop practical water-system solutions and coordinate local implementation. ASD has no standalone website and no third-party charity rating.

Catholic Engineering Corps (CEC), a U.S. 501(c)(3) nonprofit organization based in Colorado, provides volunteer engineering and design review, project-management and implementation support, construction oversight, monitoring and evaluation analysis, and reporting assistance. CEC will not charge the grant administrative, management or overhead fees, and no grant funds will be used to compensate Joshua Knight personally.

Together, ASD and CEC support the Rotary sponsors while the Rotary Club of Kumbo and Denver Southeast Rotary retain control and stewardship of Rotary grant funds.

## Partners (Optional)

**List any other partners that will participate in this project.**

N/A

## Rotarian Participants

**Describe the roles and responsibilities that the host and international sponsors will have in this project. Please be specific. Which sponsor will receive and manage the grant funds?**

The Rotary Club of Kumbo, District 9150, is the host sponsor, and the Rotary Club of Denver Southeast, District 5450, is the international sponsor. Since 2018 the two clubs have partnered on eight Rotary Global Grant WASH projects serving ten Cameroon communities.

The Rotary Club of Kumbo will receive and manage the Rotary grant funds in a dedicated Rotary grant bank account and make documented payments for approved project expenses in accordance with Rotary Foundation requirements. Kumbo will provide in-country Rotary oversight, maintain grant records, visit project sites as security and access permit, coordinate with ASD and community leadership, and report progress and issues to Denver Southeast. Grant funds will not be controlled by the cooperating organizations.

Denver Southeast will provide international-sponsor oversight of scope, budget, documentation, reconciliation, technical review, M&E and Rotary reporting. Joshua Knight will provide volunteer engineering support in water-source development, borehole and water-system review, WASH programming and reporting. Peter Van Arsdale will advise on M&E, Stephen Werner on WASH-program development and management, and Martha Boon on project development, fundraising and community outreach. Denver Southeast Rotarians will participate remotely and through field visits when feasible.

Kumbo is approximately 100 miles from Menfoung Mbororo III. Bombey Konye is farther to the southwest; access and field oversight there will be coordinated through Kumbo, ASD and local partners in light of travel and security conditions.

**Describe how the partnership between the host and international sponsors was formed. What agreement have the sponsors made toward ensuring that the project will be implemented successfully? How will they manage any challenges that arise throughout the project?**

Joshua Knight first met Yaouba Ibrahim while serving as a missionary engineer in Cameroon in 2005-2007. In 2017 they reconnected when Denver Southeast Rotary was seeking a qualified Cameroon Rotary partner. Since 2018, Denver Southeast Rotary and the Rotary Club of Kumbo have partnered on eight prior Rotary Global Grants covering twelve Cameroon communities.

The clubs have agreed to keep community-identified priorities central while applying appropriate technical, safety, financial and Rotary stewardship requirements. Significant design changes are discussed with the affected community and project partners before implementation. Kumbo provides local Rotary oversight and communication; Denver Southeast provides international-sponsor, technical, budget and reporting oversight; and the two clubs work jointly with ASD, CEC and community leadership to resolve implementation issues.

Local partners continuously monitor access and security. Field visits and construction activities will be postponed when local security conditions or ghost-town periods make travel unsafe, while remote coordination, procurement planning, design review and reporting continue. Any

material change in project scope, source or approved use of grant funds will be reviewed by the sponsors and, when required, The Rotary Foundation before proceeding.

## Budget

**What local currency are you using in your project's budget?**

The currency you select should be what you use for a majority of the project's expenses.

| Local Currency | U.S. dollar (USD) exchange rate | Currency Set On |
|---|---|---|
| XAF | 550 | 05/06/2026 |

**What is the budget for this grant?**

List each item in your project's budget. Remember that the project's total budget must equal its total funding, which will be calculated in step 9. Project budgets, including the World Fund match, must be at least 30,000 USD.

| # | Category | Description | Supplier | Cost in XAF | Cost in USD |
|---|---|---|---|---|---|
| 1 | Operations | Borehole Siting, Survey, Development, Treatment | Association for Sustainable Development (ASD), Catholic Engineering Corps (CEC) | 13100000 | 23818 |
| 2 | Equipment | Solar Energy Supply and Pump | Dr. Tanka Julius | 3777000 | 6867 |
| 3 | Supplies | Storage, Distribution Points, Other Infrastructure | Association for Sustainable Development (ASD), CEC | 21865000 | 39755 |
| 4 | Equipment | Latrines & Washbasins | Association for Sustainable Development (ASD), CEC | 6560000 | 11927 |
| 5 | Training | WASH Training of Community, Committee & Caretakers | ASD & CEC | 1500000 | 2727 |

| | | | | | |
|---|---|---|---|---|---|
| 6 | Training | Menstrual Hygiene & Fertility Workshop | ASD & CEC | 1400000 | 2545 |
| 7 | Signage | Village signs | Isa Enterprise | 500000 | 909 |
| 8 | Project management | Bank Fees | Kumbo RC, Denver SE RC | 500000 | 909 |
| 9 | Project management | Contingency for Price, Exchange Rate Fluctuations | ASD, Isa Enterprise, CEC | 4530200 | 8237 |
| 10 | Project management | Project Supervision & Management | ASD, Isa Enterprise | 4530200 | 8237 |
| 11 | Monitoring/evaluation | Project Outcome Measurement, Monitoring & Sustainability | ASD, Isa Enterprise, CEC | 4530200 | 8237 |
| | | | | | |
| | | | Total budget: | 62792600 | 114168 |

## Funding

**Tell us about the funding you've secured for your project. We'll use the information you enter here to calculate your maximum possible funding match from the World Fund.**

| # | Source | Details | Amount (USD) | Support* | Total |
|---|---|---|---|---|---|
| 1 | Cash from Club | Denver Southeast [ Rotary Club ] | 7,000.00 | 350.00 | 7,350.00 |
| 2 | Cash from Club | Durango Daybreak [ Rotary Club ] | 1,500.00 | 75.00 | 1,575.00 |
| 3 | Cash from district | 5470 | 1,800.00 | 90.00 | 1,890.00 |
| 4 | Cash from Club | Castle Rock [ Rotary Club ] | 2,000.00 | 100.00 | 2,100.00 |
| 5 | Cash from Club | Kumbo [ Rotary Club ] | 12,284.00 | 614.20 | 12,898.20 |
| 6 | Cash from Club | Denver [ Rotary Club ] | 3,000.00 | 150.00 | 3,150.00 |
| 7 | Cash from Club | Parker [ Rotary Club ] | 2,000.00 | 100.00 | 2,100.00 |
| 8 | Cash from Club | Southborough [ Rotary Club ] | 500.00 | 25.00 | 525.00 |
| 9 | Cash from district | 5450 | 14,458.00 | 722.90 | 15,180.90 |

*Whenever cash is contributed to the Foundation to help fund a global grant project, an additional 5 percent is applied to help cover the cost of processing these funds. Clubs and districts can receive Paul Harris Fellow recognition points for the additional expense.

**How much World Fund money would you like to use on this project?**

You may request up to 0.00 USD from the World Fund.

Funding Summary

| | |
|---|---|
| **Cash contributions:** | 44,542.00 |
| **Financing subtotal (matched contributions + World Fund):** | 44,542.00 |
| **Total funding:** | 44,542.00 |
| **Total budget:** | 114,168.00 |

# Sustainability

## Humanitarian Projects

**Project planning**

**Describe the community needs that your project will address.**

The project addresses three connected needs: reliable access to safer water, local capacity to manage WASH infrastructure, and long-term financial and operational sustainability.

Menfoung Mbororo III has inadequate dry-season water access. Residents rely on unprotected valley streams and springs, some shared with cattle, and prior shallow-well efforts have not provided an adequate supply. The community lacks reliable grid electricity, so the planned borehole system will use solar pumping to elevated storage followed by gravity distribution.

Bombey Konye relies primarily on open water sources and rainwater catchment. Water availability declines during the dry season, available water is generally used without routine treatment, and purchasing bottled water is costly. The community has identified reliable potable water as its highest infrastructure priority. The proposed solution is protection and development of a mountain spring with storage and gravity distribution.

Both communities also need improved school sanitation and hand-washing facilities, stronger WASH and water-borne disease-prevention knowledge, strengthened Water Management Committee and caretaker capacity, sustainable household user-fee systems, and culturally appropriate menstrual hygiene and fertility education. The project will address these needs through community-owned infrastructure, school latrines and hand-washing, training, governance strengthening and ongoing M&E.

**How did your project team identify these needs?**

The needs were identified separately in each beneficiary community through community requests, meetings, interviews, site observations and technical assessment.

In Menfoung Mbororo III, assessment discussions included community members and leaders, school representatives, health personnel, the Water Management Committee, local government representatives, traditional leadership and religious leadership. The community identified reliable potable water, school sanitation and stronger WASH capacity as priority needs. Technical review determined that a properly sited borehole with solar pumping to elevated storage and gravity distribution is the preferred water-supply approach.

In Bombey Konye, the community has pursued a potable-water solution for years through village meetings, local surveys, community/CBO leadership, local government and technical personnel, traditional leadership and local partners. The community identified potable water as its highest priority. Current planning calls for protection and development of the mountain

spring, storage and gravity distribution.

ASD coordinates local assessment and technical data collection with rural water specialists, Kumbo Rotary and community representatives. CEC and Denver Southeast review the proposed scope, budget, technical approach and sustainability provisions. Across CEC/Rotary projects, implementation is coordinated with three local leadership structures: the local government/council; the traditional chief (Fon, Lamado or equivalent); and local religious leaders, including Imams and Christian pastors as applicable. These partners assist with community mobilization, land and access, administrative coordination, safety information and long-term oversight.

**How were members of the benefiting community involved in finding solutions?**

Both communities initiated or actively advanced the requests for assistance and have participated in identifying practical solutions.

Menfoung residents have attempted to meet their own needs through existing local water sources and shallow-well efforts, but these sources have not provided an adequate, safe and reliable dry-season supply. Community members, leaders and the Water Management Committee participated in assessment discussions and in considering the borehole, solar-pumping, storage and gravity-distribution approach.

Bombey residents have pursued a potable-water project for years through village meetings, local surveys, community fundraising and requests for outside technical and financial assistance. The community, its Community Based Organization (CBO) and local leadership have participated in identifying the mountain spring as the preferred source and in planning storage and distribution.

The communities will continue to participate in final siting of facilities and collection points, source protection, drainage arrangements, construction logistics, training, monitoring and handover. No significant design change will proceed without discussion with the affected community and confirmation that the revised solution remains acceptable and sustainable.

**How were community members involved in planning the project?**

Community members in both Menfoung Mbororo III and Bombey Konye have participated in identifying priorities, assessment discussions, review of feasible water-source technologies, proposed facility locations and long-term management arrangements. Community leadership, Water Management Committees/CBO representatives, caretakers and other residents will remain involved through design confirmation, construction, commissioning, training and handover.

Each community will contribute 15% cash toward eligible capital construction costs before construction proceeds. In addition, the communities will provide agreed in-kind contributions, including project land, feasible non-technical labor, translation, reduced or free room and board for technicians and Rotary teams, available local tools and materials, and local delivery or transport of project materials.

Each community will establish or strengthen a Water Management Committee, identify and train a local caretaker, participate in setting household water fees, and seed its local O&M fund with approximately two months of water fees before or at handover. These funds will provide an initial caretaker salary and a starting pool for minor maintenance and repairs. The communities will participate in WASH, disease-prevention, menstrual hygiene/fertility, financial sustainability, caretaker and latrine O&M training.

No significant change to the project design will be implemented without consultation with the affected community and agreement that the revised approach remains technically sound, safe and sustainable.

**Project implementation**

**Summarize each step of your project's implementation.**

Do not include sensitive personal data, such as government ID numbers, religion, race, health information, etc. If you include personal data, you are responsible for informing those whose personal data is included that you are providing it to Rotary and that it will be processed in accordance with Rotary's Privacy Policy.

| # | Activity | Duration |
|---|---|---|
| 1 | Confirm final water-source siting, source-protection requirements, facility locations, access, drainage and community approvals for both villages. | 3 weeks |
| 2 | Menfoung: drill, develop and test the borehole; if the first location is dry or provides inadequate sustainable yield, review results and evaluate an alternate site before proceeding. Bombey: protect and develop the mountain spring/catchment. | 5 weeks |
| 3 | Construct or rehabilitate required water storage tanks/towers and associated civil works in both communities | 6 weeks |
| 4 | Excavate trenches; install, pressure/flow test and backfill buried distribution pipelines. | 4 weeks |
| 5 | Menfoung: install and test the submersible pumping system from the borehole to elevated storage. Bombey: complete and test gravity conveyance from the protected spring to storage/distribution. | 4 weeks |
| 6 | Menfoung: install and test the solar PV/hybrid electrical supply, controls and pump protection. | 4 weeks |
| 7 | Construct and test community tap stands and hand-washing points with properly sited soakaways/drainage to prevent standing water; complete trench backfill and site restoration. | 3 weeks |
| 8 | Construct model school latrines and washbasins/hand-washing facilities, including appropriate drainage. | 4 weeks |
| 9 | Train Water Management Committees and caretakers in water-system operation, preventive maintenance, record keeping, user-fee management, financial sustainability, source protection, drainage/soakaway maintenance and latrine operation/cleaning/maintenance. | 2 weeks |
| 10 | Conduct community WASH, water-borne disease-prevention, menstrual hygiene/fertility and related health workshops using culturally appropriate training methods and train-the-trainer elements | 15 days |
| 11 | Commission systems; confirm water service and drainage performance; complete as-built documentation, community handover and baseline/initial M&E reporting; establish the follow-up schedule. | 1 month |

**Will you work in coordination with any related initiatives in the community?**

Yes

**Briefly describe the other initiatives and how they relate to this project.**

The project builds on existing community, school, local-government and community-development efforts rather than creating a parallel system. Both villages have been working to improve water access and sanitation with the resources available to them, and the project will strengthen those efforts with technical design, Rotary financing, WASH training and long-term governance support.

CEC/Rotary projects are implemented in collaboration with three local leadership structures: the local government/council; the traditional chief (Fon, Lamado or equivalent); and local religious leaders, including Imams and Christian pastors as applicable. These leaders help coordinate land and access, community mobilization, safety information, public meetings, project monitoring and long-term sustainability.

The project will also coordinate with community development associations/CBOs, Water Management Committees, schools and local health or technical personnel. WASH and disease-prevention activities will reinforce existing community health efforts, while menstrual hygiene/fertility training and school latrine/hand-washing facilities will support locally identified needs in schools and households.

**Please describe the training, community outreach, or educational programs this project will include.**

The project will include five integrated training and outreach components:

1. WASH and disease-prevention training: hygiene, sanitation, safe water collection, handling and storage, household and community WASH practices, source protection, hand washing and prevention of common water-borne disease.

2. Water Management Committee and caretaker training: governance, meeting and record-keeping practices, routine inspection, preventive maintenance, basic troubleshooting, pipe/tap maintenance, source and tank protection, drainage/soakaway maintenance, user-fee collection, budgeting, repair reserves and use of the as-built system diagram.

3. Latrine and hand-washing operation and maintenance training: safe use, cleaning, routine inspection, minor repairs, hand-washing supplies, drainage and assignment of school/community responsibility for continued maintenance.

4. Financial sustainability/circuit-rider training: life-cycle costing, setting and reviewing household water fees, caretaker compensation, repair/contingency reserves, financial transparency and when/how to obtain outside technical assistance for repairs beyond the caretaker’s capacity.

5. Menstrual hygiene and fertility workshops: culturally appropriate education for women, girls

and interested family/community members on menstrual health, reusable menstrual products where appropriate, personal dignity and understanding fertility cycles.

Community outreach will continue through village meetings and meetings with Water Management Committees, schools, local government/council representatives, traditional leaders and religious leaders. Training attendance will be documented, and selected participants will complete knowledge checks and train-the-trainer exercises so that knowledge can be shared after the formal project activities end.

**How were these needs identified?**

1. The needs for these sets of education were self-identified by the community, who reached out to ask the Rotary Club of Kumbo, the Association for Sustainable Development and the Catholic Engineering Corps for assistance.
2. Through community meetings with the Association for Sustainable Development, the Rotary Club of Kumbo, the Catholic Engineering Corps and the Rotary Club of Denver Southeast, these needs were clarified and prioritized with the Disease Prevention and Water, Sanitation and Hygiene project being the most important.

**What incentives (for example, monetary compensation, awards, certification, or publicity), will you use, if any, to encourage community members to participate in the project?**

Participation is driven primarily by the direct community value of reliable water, sanitation, improved health and local ownership rather than by cash incentives.

Formal training participants may receive certificates of completion or trainer certification when applicable. Water Management Committees, caretakers, schools, local government/council representatives, traditional leaders and religious leaders will help publicize meetings and encourage broad participation. Community meetings, practical demonstrations, knowledge checks and train-the-trainer activities will be used to reinforce learning and recognize successful participation.

Caretakers may receive compensation from community water-user fees for their ongoing operational responsibilities; this is payment for a continuing O&M role, not an incentive for attending training. Community handover ceremonies will recognize community contributions and reinforce the responsibilities of the Water Management Committee, caretaker and other local partners.

**List any community members or community groups that will oversee the continuation of the project after grant-funded activities conclude.**

Each community's Water Management Committee will oversee the water system after grant-funded activities conclude, with day-to-day operational support from a trained local caretaker. The Water Management Committee will manage household user fees, caretaker compensation, routine maintenance expenses, replacement parts and repair/contingency reserves.

Before or at handover, each community will seed its local O&M fund with approximately two

months of water fees. This will provide initial funds for caretaker wages and minor maintenance/repairs while the regular fee system becomes established. The caretaker will work closely with the implementation team during construction and commissioning so that the caretaker understands the source, storage, pipelines, changes in pipe diameter, high/low points, valves, tap stands, drainage/soakaways and other system features.

At handover the community will receive as-built documentation and relevant O&M information. Community development/traditional leadership and local government/council representatives will support accountability and long-term oversight. ASD and Kumbo Rotary will remain available for local follow-up, with CEC and Denver Southeast providing technical and M&E support as needed.

## Budget

**Will you purchase budget items from local vendors?**

Yes

**Explain the process you used to select vendors.**

For major procurements where multiple qualified suppliers are available, the project team will obtain and compare competitive quotations based on price, quality, availability, delivery and suitability. In remote areas where the required quantity or specialized equipment is available from only one or a limited number of suppliers, prices will also be benchmarked against regional market prices and comparable prior Rotary WASH project procurements. Vendor selection and supporting documentation will be retained with the grant records.

**Did you use competitive bidding to select vendors?**

Yes

**Please provide an operations and maintenance plan for the equipment or materials you anticipate purchasing for this project. This plan should include who will operate and maintain the equipment and how they will be trained.**

The project is designed to minimize long-term operating complexity and to use technologies that can be maintained locally.

Menfoung Mbororo III: A solar-powered/hybrid submersible pump will lift groundwater from the borehole to elevated storage. Normal operation will rely on solar energy during the day; water stored in the tank will provide the operating buffer for nighttime and short periods of low solar production. A battery bank is not presently required because the project is designed to store water rather than electrical energy. Reliable grid electricity is not required for the system to function. From elevated storage, distribution will be by gravity.

Bombey Konye: The protected mountain spring will feed storage and distribution by gravity, so normal service will not require a pump or electrical power.

In both communities, Water Management Committees will appoint trained caretakers to conduct routine inspections of the source, tanks, pipelines, valves, tap stands, hand-washing facilities and drainage/soakaways; identify leaks or reduced flow; make basic repairs; maintain sanitary conditions; and obtain qualified technical assistance when repairs exceed local capacity. Tap washers, valves, pipe fittings and other routine replacement parts will be sourced locally whenever practical.

Caretakers and Water Management Committees will be trained by the technicians and partner organizations responsible for installation. Training will cover preventive maintenance, troubleshooting, source protection, solar-pump operation at Menfoung, gravity-system operation at Bombey, pipeline and tap repairs, drainage/soakaway maintenance, latrine and hand-washing facility O&M, record keeping, user-fee management and repair reserves. As-built system documentation will be provided at handover.

Formal M&E will continue throughout implementation and project closeout. ASD will collect routine field information; CEC will assist with review, analysis and reporting; Kumbo and Denver Southeast will provide Rotary oversight; and the University of Dschang may provide technical/academic support. The project will track improved-water access, individuals trained, functioning governance committees and functioning tariff/user-fee systems, supplemented by training records, direct observation, community meetings and interviews. Longer-term follow-up is planned for approximately two years, with continued community and partner monitoring thereafter.

**Describe how community members will maintain the equipment after grant-funded activities conclude. Will replacement parts be available?**

Each Water Management Committee will establish and periodically review a household water-use fee sufficient to cover routine operating costs, including caretaker wages, maintenance materials, locally available replacement parts and contributions to a repair/contingency reserve. Before or at handover, each community will seed its O&M fund with approximately two months of water fees so that the system begins operation with funds available for caretaker wages and minor repairs.

The caretaker will perform routine inspection and basic maintenance. Repairs beyond the caretaker’s capacity will be referred to qualified local technicians or vendors. The project will prioritize equipment and materials that can be serviced or replaced through local or regional suppliers. The Water Management Committee will keep records of fees, expenses and repairs and will adjust the fee and reserve contribution as actual operating and replacement-cost experience develops.

Local councils are also being asked to contribute 150,000 XAF annually toward water-system operation, and community groups are being invited to contribute approximately 100,000 XAF annually to a long-term development/repair reserve. These outside contributions are

supplementary; the core O&M plan is the community-managed user-fee system.

**If the grant will be used to purchase any equipment, will the equipment be culturally appropriate and conform to the community's technology standards?**

Yes

**Please explain.**

Yes. The selected technologies are consistent with locally used rural water-system approaches and were chosen with community and local technical input.

Menfoung will use a borehole with a solar-powered/hybrid submersible pump, elevated water storage and gravity distribution. Solar pumping is appropriate because reliable grid electricity is not available; water storage provides the service buffer, avoiding the need for a battery bank in normal operation. Bombey will use a protected mountain spring, storage and gravity distribution, which minimizes moving parts and energy requirements.

Both systems will use pipe, valves, taps, fittings and other components that can be obtained or serviced through local or regional suppliers whenever practical. Community Water Management Committees and caretakers will be trained in the technologies actually installed. The spring/borehole, storage, gravity distribution and communal tap-stand approach has been used successfully in prior Rotary-supported projects in Cameroon and is familiar to the local implementation team.

**After the project is completed, who will own the items purchased by grant funds? No items may be owned by a Rotary district, club, or member.**

The entire project will be owned by the community, and nothing will be owned by the Rotary district, club, or any club members. At the conclusion of the implementation phase of the project, it is the customary Rotary practice for the Host Rotary Club to publicly and officially turn over the system to the community to be managed and maintained by the community-appointed Water Management Committee, which will hold ownership on behalf of the community.

## Funding

**Does your project involve microcredit activities?**

**Have you found a local funding source to sustain project outcomes for the long term?**

Yes

**Please describe this funding source.**

Yes. The primary long-term funding source will be household water-user fees collected and managed by each community’s Water Management Committee. Fees will be set to cover

caretaker wages, routine maintenance, replacement parts and contributions to a repair/contingency reserve, and will be reviewed as actual operating and repair costs become known.

Before or at handover, each community will seed its O&M fund with approximately two months of water fees to provide initial funds for caretaker wages and minor maintenance. Local councils are also being asked to contribute 150,000 XAF annually toward water-system operation, and community groups are being invited to contribute approximately 100,000 XAF annually to a long-term development/repair reserve. These supplementary contributions strengthen the reserve but are not a substitute for the community user-fee system.

**Will any part of the project generate income for ongoing project funding? If yes, please explain.**

The water systems will generate dedicated O&M revenue through household water-user fees collected by each Water Management Committee and reserved for caretaker wages, routine maintenance, replacement parts and major-repair reserves.

Training may help households or community members improve economic resilience, and locally appropriate reusable menstrual products may be produced or sold where participants choose to do so, but those activities are supplementary and are not required to finance the water system. Local councils are also being asked to contribute 150,000 XAF annually toward operation, and community groups are being invited to contribute approximately 100,000 XAF annually to a long-term development/repair reserve.

# Authorizations

## Authorizations & Legal Agreements

**Legal agreement**

Global Grant Agreement - to be authorized by the primary contacts and club presidents (or DRFC chairs if district-sponsored)

This Global Grant Agreement (Agreement) is entered into by The Rotary Foundation of Rotary International (TRF) and the grant sponsors (Sponsors). In consideration of receiving this Rotary Foundation Global Grant (Grant) from TRF, the Sponsors agree that:

1. All information contained in this application is, to the best of our knowledge, true and accurate.

2. We have read the Terms and Conditions for Rotary Foundation Global Grants (Terms and

Conditions) and will adhere to all policies therein.

3. The Sponsors shall defend, indemnify, and hold harmless Rotary International (RI) and TRF, including their respective directors, trustees, officers, committee members, employees, agents, associate foundations and representatives (collectively Rotary), from and against all claims, including but not limited to claims of subrogation, demands, actions, damages, losses, costs, liabilities, expenses (including reasonable attorney's fees and other legal expenses), awards, judgments, and fines asserted against or recovered from Rotary arising out of any act, conduct, omission, negligence, misconduct, or unlawful act (or act contrary to any applicable governmental order or regulation) resulting directly or indirectly from a Sponsor's and/or participant's involvement in grant-funded activities, including all travel related to the grant.

4. The failure of the parties to comply with the terms of this Agreement due to an act of God, strike, government regulation, war, fire, riot, civil unrest, hurricane, earthquake, or other natural disasters, acts of public enemies, curtailment of transportation facilities, political upheavals, civil disorders, outbreak of infectious disease or illness, acts of terrorism, or any similar cause beyond the control of the parties shall not be deemed a breach of this Agreement. In such an event, the Agreement shall be deemed terminated and the Sponsors shall refund to TRF all unexpended global grant funds within 30 days of termination.

5. TRF's entire responsibility is expressly limited to payment of the total financing amount. TRF does not assume any further responsibility in connection with this grant.

6. TRF reserves the right to cancel the grant and/or this Agreement without notice upon the failure of either or both of the Sponsors to abide by the terms set forth in this Agreement and the Terms and Conditions. Upon cancellation, TRF shall be entitled to a refund from the Sponsors of any global grant funds, including any interest earned, that have not been expended.

7. The laws of the State of Illinois, USA, without reference to its conflicts of laws principles, shall govern all matters arising out of or relating to this Agreement, including, without limitation, its interpretation, construction, performance, and enforcement.

8. Any legal action brought by either party against the other party arising out of or relating to this Agreement must be brought in either, the Circuit Court of Cook County, State of Illinois, USA or the Federal District Court for the Northern District of Illinois, USA. Each party consents to the exclusive jurisdiction of these courts, and their respective appellate courts for the purpose of such actions. Nothing herein prohibits a party that obtains a judgment in either of the designated courts from enforcing the judgment in any other court. Notwithstanding the foregoing, TRF may also bring legal action against Sponsors and/or individuals traveling on grant funds in any court with jurisdiction over them.

9. This Agreement binds and benefits the parties and their respective administrators, legal representatives, and permitted successors and assigns.

10. If any provision of this Agreement is determined to be illegal, invalid or unenforceable, the remaining provisions of this Agreement shall remain in full force and effect.

11. Sponsors may not assign any of their rights under this Agreement except with the prior

written consent of TRF. Sponsors may not delegate any performance under this Agreement without the prior written consent of TRF. Any purported assignment of a Sponsor's rights or delegation of performance without TRF's prior written consent is void.

12. TRF may assign some or all of its rights under this Agreement to an associate foundation of TRF. TRF may delegate any performance under this Agreement to an associate foundation. Any other purported assignment of TRF's rights or delegation of performance without the Sponsors' prior written consent is void.

13. Sponsors will comply with all economic and trade sanctions, including those implemented by the Office of Foreign Assets Control (OFAC) of the United States Department of Treasury, and will ensure that they do not support or promote violence, terrorist activity or related training, or money laundering.

14. This Agreement constitutes the final agreement between the parties. No amendment or waiver of any provision of this Agreement shall be effective unless it is in the form of a writing signed by the parties.

15. Rotary may use information contained in this application and subsequent reports for promotional purposes, such as in Rotary magazine, in Rotary Leader, on rotary.org and on social media. For any and all photographs submitted with any application or follow-up report, the Sponsor hereby grants to Rotary an unlimited, perpetual, worldwide right and license to use, modify, adapt, publish, and distribute the photograph(s) in any media now known or hereafter devised, including but not limited to, in Rotary publications, advertisements, and Websites and on social media channels. The Sponsor represents and warrants that (a) each adult appearing in the photograph(s) has given her/his/their unrestricted written consent to the Sponsor to photograph them and to use and license their likeness, including licensing the photograph(s) to third parties, (b) the parent or guardian of each child under age 18 or each person who lacks legal capacity appearing in the photograph(s) has given unrestricted written consent to the Sponsor to photograph the child or individual and to use and license their likenesses, including licensing the photograph(s) to third parties, and (c) it is the copyright owner of the photograph(s) or that the copyright owner of the photograph(s) has given the Sponsor the right to license or sublicense the photograph(s) to Rotary.

16. Privacy is important to Rotary and any personal data that the Sponsor shares with Rotary will only be used for official Rotary business. The Sponsor should minimize the personal data of Grant beneficiaries that it shares with TRF to only personal data that TRF specifically requests. Personal data that is shared with TRF will be used to enable the Sponsor's participation in this Grant process, to facilitate the Sponsor's Grant experience and for reporting purposes. Personal data provided to TRF may be transferred to Rotary service providers (for example, affiliated entities) to assist Rotary in planning Grant-related activities. By applying for a grant, the Sponsor may receive information about the Grant and supplementary services via email. For further information about how Rotary uses personal data, please contact privacy@rotary.org. Personal data provided to TRF or collected on this form is subject to Rotary's Privacy Policy.

17. The Sponsors agree to share information on best practices when asked, and TRF may provide their contact information to other Rotary members who may wish advice on

implementing similar activities.

18. The Sponsors will ensure that all individuals traveling on grant funds have been informed of the travel policies stated in the Terms and Conditions and have been made aware that they are responsible for obtaining travel insurance.

19. To the best of our knowledge and belief, all relationships between grant committee members, district officers, and other members of the sponsor clubs or districts and any scholarship recipients, cooperating organizations, project vendors, or other individuals or organizations that will benefit from the grant have been disclosed in this application. Except as disclosed here, neither we nor any person with whom we have or had a personal or business relationship will benefit or intends to benefit from Rotary Foundation grant funds or have any interest that may represent a potential conflicting interest. A conflict of interest occurs when someone is in a position to make or influence a decision about a grant or scholarship that could benefit them, their family, their business, or an entity in which they serve in a paid or voluntary leadership or advisory position.

**Primary contact authorizations**

Global Grant Agreement - to be authorized by the primary contacts and club presidents (or DRFC chairs if district-sponsored)

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**District Rotary Foundation chair authorization**

I hereby certify that this global grant application is complete, meets all Foundation guidelines, is eligible for funding, and that the sponsoring club and/or district is qualified.

## All Authorizations & Legal Agreements Summary

### Primary contact authorizations

| Name | Club | District | Status |
|---|---|---|---|
| Joshua Knight | Denver Southeast [ Rotary Club ] | 5450 | |
| Yaouba Ibrahim | Kumbo [ Rotary Club ] | 9150 | |

### District Rotary Foundation chair authorization

| Name | Club | District | Status |
|---|---|---|---|
| Mike Klingbiel | Denver Southeast [ Rotary Club ] | 5450 | |
| Anna Kemajou Nkodia | Douala Estuaire [ Rotary Club ] | 9150 | |

### DDF authorization

| Name | Club | District | Status |
|---|---|---|---|

### Legal agreement

| Name | Club | District | Status |
|---|---|---|---|
| Tim Hartwig | Denver Southeast [ Rotary Club ] | 5450 | |
| Njodzeka Jumla | Kumbo [ Rotary Club ] | 9150 | |