# Global Grant Application

| GRANT NUMBER | STATUS |
| --- | --- |
| GG2701728 | Draft |

## Basic Information

**Grant title**
Establishing Water Quality & Testing Laboratory

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

**Primary Contacts**

| Name | Club | District | Sponsor | Role |
| --- | --- | --- | --- | --- |
| Akamnonu Aloysius | Eziama-Sunrise, Eziama-Aba | 9142 | Rotary Club | Host |

## Committee Members

**Host committee**

| Name | Club | District | Role |
| --- | --- | --- | --- |
| Uche Oti | Eziama-Sunrise, Eziama-Aba [ Rotary Club ] | 9142 | Secondary Contact |
| Linus Eze | Eziama-Sunrise, Eziama-Aba [ Rotary Club ] | 9142 | Secondary Contact |
| Uchenna Ejike | | 9142 | Secondary Contact |

**International committee**

| Name | Club | District | Role |
|---|---|---|---|
| | | | Secondary Contact International |
| | | | Secondary Contact International |
| | | | 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.**
No

**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.**
Non

## Project Overview

**Tell us a little about your project. What are the main objectives of the project, and who will benefit from it?**

The proposed project seeks to establish a standard Water Quality Testing and Monitoring Laboratory at the Abia State College of Health Sciences and Management Technology, Aba, as a strategic scale-up of the ongoing Rotary Global Grant #2573081 WASH project. The laboratory will address the identified gap in reliable and accessible water-quality testing by providing the College with the capacity to conduct microbiological and physicochemical analysis of water, generate reliable data and support evidence-based WASH decisions.
The project will equip and commission the laboratory, train designated personnel, conduct baseline testing and establish a routine water-quality monitoring system. Its objectives are to strengthen the College's capacity to assess water safety, detect contamination and take timely corrective action; build local technical expertise in water sampling, laboratory analysis, quality assurance, safety and equipment maintenance; provide reliable water-quality information to guide WASH, environmental health and disease-prevention interventions; and, where capacity permits, extend affordable testing services to surrounding schools, healthcare facilities,

businesses, institutions and communities. A cost-recovery mechanism will support the sustainability of laboratory operations, with income reinvested in consumables, maintenance, calibration, utilities and continued monitoring.
The primary beneficiaries will be students, academic and non-academic staff, health workers, patients, facility users and other members of the College community. Secondary beneficiaries will include surrounding communities, schools, healthcare facilities, businesses and other institutions requiring accessible water-quality testing. Overall, the project will strengthen sustainable WASH management, improve knowledge of water safety and contribute to the prevention of waterborne diseases within the College and surrounding communities.

## Areas of Focus

**Which area of focus will this project support?**
Disease prevention and treatment
Water, sanitation, and hygiene

## Measuring Success

### Disease prevention and treatment

**Which goals of this area of focus will your project support?**
Promoting disease prevention and treatment programs that limit the spread of communicable diseases and reduce the incidence and effect of noncommunicable diseases;

**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 recipients of disease prevention intervention | Grant records and reports | Every month | 2500+ |

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

**Name of Individual or Organization**
Data will be collected by the Water, Waste Management Committee (WWMC) of the Abia State College of Health Sciences and Management Technology, in collaboration with designated laboratory and environmental health personnel. The Committee will coordinate the collection of water-quality, laboratory-use, beneficiary and monitoring data and ensure that records are maintained accurately for project monitoring, evaluation and reporting.
**Briefly explain why this person or organization is qualified for this task.**
The Water, Waste Management Committee (WWMC) is qualified because it is the trained and designated institutional body responsible for coordinating water, sanitation, hygiene and waste-management activities within the College. Its members work directly with the relevant College departments and facility users, giving them appropriate access to the project sites, beneficiaries and operational records needed for accurate data collection, monitoring and reporting.

### 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 | Grant records and reports | Every month | 2500+ |
| Number of people with access to disinfected water through household water treatment | Testing | Every month | 2500+ |

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

**Name of Individual or Organization**
Data will be collected by the Water, Waste Management Committee (WWMC) of the Abia State College of Health Sciences and Management Technology, in collaboration with designated laboratory and environmental health personnel. The Committee will coordinate the collection of water-quality, laboratory-use, beneficiary and monitoring data and ensure that records are maintained accurately for project monitoring, evaluation and reporting.

**Briefly explain why this person or organization is qualified for this task.**
The Water, Waste Management Committee (WWMC) is qualified because it is the designated institutional body responsible for coordinating water, sanitation, hygiene and waste-management activities within the College. Its members work directly with the relevant College departments and facility users, giving them appropriate access to the project sites, beneficiaries and operational records needed for accurate data collection, monitoring and reporting.

## Location and Dates

Humanitarian Project

**Where will your project take place?**
**City or town**
Aba
**Province or state**
Abia State
**Country**
Nigeria
**When will your project take place?**
2026-11-18 to 2027-05-18

# Participants

Partners (Optional)
**List any other partners that will participate in this project.**

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?**

Host Partner: The Rotary Club of Eziama-Sunrise Aba, District 9142, will serve as the local project lead, coordinating project implementation with the College and relevant stakeholders. The Club will facilitate the baseline assessment, local procurement and logistics, stakeholder engagement, monitoring, reporting and sustainability arrangements. It will also provide Rotary oversight to ensure that the laboratory is established according to the approved project objectives and that the College has the capacity and institutional structures to operate and maintain it sustainably.

International Partners: International Rotary clubs and districts will provide financial, technical and professional support to the project. Their contributions may include Global Grant funding, equipment or technical expertise, laboratory and water-quality specialists, project review and monitoring, and connections to appropriate technical institutions and suppliers. International partners will work collaboratively with the host Club and the College to strengthen the laboratory's quality standards, operational capacity and long-term sustainability, while supporting knowledge exchange and replication of the model where appropriate.

**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?**

The partnership between the host and international sponsors was developed through Rotary collaboration around the ongoing WASH Global Grant #2573081 and the identified need to strengthen water-quality testing and monitoring at the Abia State College of Health Sciences and Management Technology, Aba. The Rotary Club of Eziama-Sunrise Aba, as the host sponsor, engaged international Rotary clubs and districts with relevant interests and expertise in WASH, disease prevention, community development and water-quality management to support the proposed laboratory as a strategic scale-up of the existing project.

The sponsors have agreed to work jointly with the College and relevant stakeholders to ensure effective project planning, mobilization of resources, procurement, installation, capacity building, monitoring and sustainability. The host sponsor will coordinate local implementation and stakeholder engagement, while international sponsors will provide financial, technical and professional support, including expertise and guidance where required.

Any challenges arising during implementation will be addressed through regular communication, joint monitoring, transparent reporting and collaborative problem-solving. The host and international sponsors will review progress, identify risks early, agree on corrective actions and involve appropriate technical experts or College authorities where necessary. This shared approach will promote accountability, timely decision-making and successful completion of the project.

# 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 |
|---|---|---|
| NGN | 1324 | 04/10/2026 |

### 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 NGN | Cost in USD |
|---|---|---|---|---|---|
| 1 | Accommodations | Renovation of laboratory accommodation, fittings and installation of furniture, WASH Facilities electrical and plumbing infrastructure | Dream Home Development NIGERIA LTD | 11254000 | 8500 |
| 2 | Equipment | Procurement and installation of complete range of laboratory equipment, consumables | Spitbat Nig ltd | 39058000 | 29500 |
| 3 | Equipment | Procurement and installation of electrical fittings, power protection and backup solar systems- solar panels, inverter, battery, fire safety equipment, laboratory personnel PPEz and all related safety instructions | Chijioke electrical | 12700400 | 9592 |
| 4 | Equipment | Supply and procurement of laboratory consumables and initial testing supplies | Spitbat Nig Ltd | 7282000 | 5500 |
| 5 | Equipment | Supply, configure quality management quality assurance systems, IT infrastructure, laboratory information and data management systems | | 13902000 | 10500 |
| 6 | Training | Conduct comprehensive 3 - day training for laboratory staff and other laboratory personnel | Grace Computers Ltd | 6519500 | 4924 |
| 7 | Monitoring/ evaluation | Conduct 5-year post project implementation oversight | Rotary club of Eziama-Sunrise | 5896533.50 | 4454 |
| 8 | Project management | Allow 8.5% contingency for currency flutuation and commodity price variations | Rotary club of Eziama-Sunrise Aba | 7710851.50 | 5824 |
| | | | | | |
| | | | Total budget: | 104323285 | 78794 |

# 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 | Eziama-Sunrise, Eziama-Aba [ Rotary Club ] | 1,500.00 | 75.00 | 1,575.00 |

*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:** | 1,500.00 |
| **Financing subtotal (matched contributions + World Fund):** | 1,500.00 |
| **Total funding:** | 1,500.00 |
| **Total budget:** | 78,794.00 |

# Sustainability

Humanitarian Projects

**Project planning**
**Describe the community needs that your project will address.**
The project addresses the critical need for reliable water-quality testing and monitoring at the Abia State College of Health Sciences and Management Technology, Aba, and in surrounding communities. The College currently lacks a standard, adequately equipped laboratory for routine microbiological and physicochemical testing of water, making it difficult to promptly identify contamination and take corrective action. This creates a potential risk of exposure to unsafe water and waterborne diseases such as diarrhoeal diseases, cholera and typhoid fever, particularly among students, staff, health workers, patients and other water users. The project will provide the capacity to routinely test and monitor water sources, generate evidence for WASH interventions, strengthen disease prevention and environmental health education, and support safer water practices within the College and, where appropriate, nearby schools, health facilities and communities.

**How did your project team identify these needs?**
The needs were identified through a baseline community assessment of the Abia State College of Health Sciences and Management Technology, including site observations, consultations with management, staff, students and facility users, review of existing WASH conditions, and water-quality testing. The assessment revealed gaps in access to reliable, safe water and the absence of an adequately equipped facility for routine water-quality testing and monitoring.

**How were members of the benefiting community involved in finding solutions?**
Members of the benefiting community were actively involved in identifying the challenges and developing appropriate solutions through consultations, interviews, focus group discussions, observations, and needs-assessment meetings involving students, staff, health workers, management, facility users, and representatives of the surrounding community.
Their contributions helped identify water-quality concerns, determine the need for a dedicated water-quality testing laboratory, prioritize the types of testing and monitoring required, and recommend practical approaches for sample collection, testing, reporting, and use of results.
Community and institutional stakeholders also contributed to discussions on laboratory governance, maintenance, training, sustainability, and community outreach. Their participation ensured that the proposed

laboratory responds to locally identified needs, reflects the community's priorities, and can continue to provide useful water-quality monitoring services beyond the grant-funded period.

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

Community members and representatives of the benefiting institution were involved in planning through consultations, needs-assessment discussions, direct observations, and feedback sessions conducted during the development of the WASH project and the proposed Water Quality Testing and Monitoring Laboratory. College management, laboratory and environmental health personnel, students, staff, health-service users, and other relevant facility users provided information on existing water-quality challenges, testing gaps, operational constraints, and the type of laboratory services required.

Their input helped define the laboratory's purpose, scope, equipment requirements, training needs, operating arrangements, and sustainability measures. The proposed laboratory was therefore developed as a response to needs identified with the participation of the people who will use, manage, and benefit from the facility, rather than as an externally imposed solution.

Community and institutional participation will continue during implementation through training, awareness activities, feedback mechanisms, and the Water, Waste Management Committee, which will provide ongoing oversight and help ensure that the laboratory remains responsive to local water-quality and disease-prevention needs.

## 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 | Vendors engagement | One week |

### 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.

This project builds on the ongoing Rotary Global Grant WASH project at Abia State College of Health Sciences and Management Technology, which improves access to safe water, sanitation, hygiene and menstrual hygiene facilities. The proposed Water Quality Testing and Monitoring Laboratory will strengthen these interventions by providing reliable testing and early identification of microbial and chemical contamination that can cause waterborne diseases such as diarrhoea, cholera and typhoid fever. By enabling routine monitoring and timely corrective action, the project will help prevent disease outbreaks, protect students, staff and surrounding communities, and strengthen Environmental Health training in disease prevention and control.

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

Training, Community Outreach and Educational Programmes
The project will include structured training and educational programmes for laboratory personnel, members of the Water, Waste Management Committee (WWMC), relevant College staff, students and other designated users. Laboratory personnel will receive practical training on water sampling, sample preservation and handling, microbiological and physicochemical testing, laboratory safety, equipment operation, quality assurance, record keeping and interpretation of results. The WWMC and relevant institutional personnel will be trained on water-quality monitoring, reporting, equipment care and preventive maintenance.
Community and institutional outreach will promote awareness of safe water, sanitation, hygiene, menstrual

hygiene management, household and institutional water-quality protection, and disease prevention. Educational sessions will be conducted for students, staff, health workers, nearby communities and other relevant stakeholders, using demonstrations, awareness campaigns, information materials and practical WASH education. The laboratory will also serve as an Environmental Health and WASH Training and Demonstration Hub, supporting periodic sensitisation programmes and providing reliable water-quality information to guide evidence-based WASH interventions within the College and, where appropriate, surrounding communities.

**How were these needs identified?**

The need for the Water Quality Testing and Monitoring Laboratory was identified through the baseline assessment and needs-assessment activities undertaken as part of the ongoing WASH project at the Abia State College of Health Sciences and Management Technology, Aba. The assessment included direct observation of existing water and sanitation facilities, consultation with College management, laboratory and environmental health personnel, students and other facility users, review of existing water-supply conditions, and water-quality testing.

The assessment revealed the need for a reliable, accessible and locally managed facility capable of conducting routine microbiological and physicochemical analysis of water. The absence of adequate in-house water-testing capacity limits regular monitoring of water sources and makes it difficult to promptly identify contamination risks that may contribute to waterborne diseases.

The proposed laboratory therefore emerged from an identified community and institutional need to strengthen water-quality surveillance, support evidence-based WASH management, promote disease prevention, and provide sustainable access to reliable water-quality testing for the College and, where appropriate, other schools, health facilities, businesses and communities in the surrounding area.

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

No monetary incentives will be provided. Community participation will be encouraged through awareness and capacity-building activities, practical training, certificates of participation for relevant trainees, recognition of active volunteers and committee members, and opportunities for community members and institutions to contribute to improved public health and WASH outcomes.
The training process will be made conducive tea break, lunch and stipends for transport shall be provided

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

The College Management will provide overall institutional leadership, approve sustainability plans, allocate funds for maintenance, and ensure compliance with relevant health, safety, and WASH standards. The Water, Sanitation and Hygiene and Waste Management Committee (WWMC) will coordinate routine oversight of the facilities, monitor cleanliness and functionality, identify maintenance needs, supervise proper use, and ensure that problems are reported and addressed promptly. Student and staff representatives will promote responsible use of the facilities, support hygiene awareness and behaviour-change activities, report faults or misuse, and provide user feedback.

The Environmental Health Department will conduct periodic inspections, monitor sanitation and hygiene standards, provide technical guidance, and recommend corrective measures. The College Works/Engineering Unit will undertake routine inspections and preventive maintenance, coordinate repairs, monitor equipment and infrastructure, and provide technical support. Representatives of the surrounding beneficiary community will support awareness, encourage protection and responsible use of the facilities, communicate community concerns, and promote accountability.

The Rotary Club of Eziama-Sunrise Aba will provide five years of post-project oversight following completion of the grant-funded activities. During this period, Rotary will conduct periodic monitoring visits, review maintenance and sustainability records, assess the functionality and continued use of the facilities, provide advisory and technical support where appropriate, and work with the College and WWMC to address emerging sustainability challenges. Rotary will serve in an oversight and mentoring capacity and will not assume responsibility for the day-to-day operation, staffing, financing, or maintenance of the facilities, which

will remain the responsibility of the College and the WWMC.

## Budget

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

**Explain the process you used to select vendors.**
Vendors where selected through a transparent, competitive, and documented procurement process overseen by a Procurement Committee comprising representatives of the project implementation team, the College's Finance/Accounts Department, Procurement/Stores Unit, Works/Engineering Unit, and the Rotary project committee. Where necessary, an independent technical adviser or subject-matter expert will provide technical inputs

**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 Water Quality Testing and Monitoring Laboratory will be operated by trained laboratory personnel of the Abia State College of Health Sciences and Management Technology, under the supervision of the College management and the designated Laboratory Management Team. The Water, Waste Management Committee will provide operational oversight and ensure that the laboratory remains properly managed and integrated with the broader Water, Sanitation and Hygiene and Menstrual Hygiene Management Governance Framework.

Before the laboratory becomes operational, designated laboratory staff will receive practical training on the safe and correct operation of all equipment, sample collection and handling, testing procedures, calibration, quality control, record keeping, equipment cleaning, troubleshooting, and laboratory safety. Where appropriate, equipment suppliers or qualified technical personnel will provide hands-on training, commissioning support, user manuals, and maintenance guidance. Trained personnel will subsequently provide orientation for additional staff to maintain institutional capacity.

Routine maintenance will include cleaning, inspection, calibration, servicing, and replacement of consumables in accordance with manufacturers' recommendations and laboratory quality-assurance procedures. Equipment faults will be documented and promptly referred to qualified local technicians or authorized service providers. An inventory and maintenance register will record equipment condition, servicing, calibration, repairs, replacement parts, and other interventions.

The College will provide for routine operating and maintenance costs through its institutional budget and a non-profit cost-recovery mechanism from laboratory testing services. Such income will be used exclusively to support consumables, calibration, preventive maintenance, repairs, replacement parts, and eventual equipment replacement. Replacement parts and consumables will be sourced from local suppliers or authorized distributors wherever possible.

The laboratory facility will operate under a governance framework linked to the overall WASH and Menstrual Hygiene Management Framework, ensuring that technical, operational, financial, and sustainability responsibilities remain clearly defined. Rotary will provide post-project oversight for five years, while the College retains ownership and responsibility for day-to-day operation and maintenance.

**Describe how community members will maintain the equipment after grant-funded activities**

**conclude. Will replacement parts be available?**

The sustainability of the Water Quality Testing and Monitoring Laboratory will be built into the project from inception, with the Abia State College of Health Sciences and Management Technology, Aba serving as the institutional owner and long-term custodian of the facility. The laboratory will be integrated into the College's existing academic, environmental health and WASH structures rather than operated as a stand-alone Rotary facility. The College will assume responsibility for staffing, utilities, security, routine operations, maintenance and long-term financing, while the Water, Waste Management Committee (WWMC) will provide institutional coordination and operational oversight.

The WWMC will serve as the College's primary coordination body for the laboratory's integration into the broader WASH programme. It will coordinate routine water-quality monitoring, facilitate access to water sources for sampling, review monitoring information and ensure that identified water-quality concerns are referred to the appropriate College authorities for corrective action. The Committee will also monitor laboratory utilization, maintenance needs, availability of essential consumables and compliance with agreed operational procedures. It will coordinate data collection and documentation, maintain relevant monitoring records and participate in periodic performance and sustainability reviews.

The WWMC will not replace qualified laboratory personnel. Trained laboratory staff will be responsible for technical testing, sample handling, quality control, equipment operation, laboratory safety and maintenance procedures. The WWMC will provide coordination, institutional oversight and monitoring, thereby creating a clear separation between technical laboratory functions and management oversight.

A trained team of College laboratory and environmental health personnel will operate the facility. The project will strengthen their capacity in water sampling, microbiological and physicochemical testing, quality assurance, biosafety, equipment handling, record keeping and preventive maintenance. Standard operating procedures and appropriate handover arrangements will be established to ensure continuity of technical knowledge despite staff changes.

The laboratory will operate a cost-recovery mechanism for appropriate testing services provided to external users, including schools, healthcare facilities, businesses, institutions and community members. Fees will be affordable and primarily designed to recover costs associated with consumables, utilities, equipment servicing, calibration, minor repairs and other operational requirements. Revenue generated will be retained by the College for laboratory operations and sustainability and will not be distributed as profit. The College will also be encouraged to provide an annual operational and maintenance allocation to complement internally generated revenue, particularly for major servicing, equipment replacement and unforeseen repairs.

Equipment sustainability will be supported through proper installation, user training, preventive maintenance schedules, calibration and service arrangements with qualified suppliers or technicians. An equipment register, maintenance log and inventory system will be maintained, while critical consumables and spare parts will be planned and procured in advance to minimize interruptions to laboratory services.

The laboratory will form part of the College's continuing WASH monitoring system. Water-quality results will provide evidence for assessing the safety of water sources, evaluating WASH interventions and guiding corrective measures. The WWMC will coordinate the collection and review of relevant monitoring data, while laboratory personnel will maintain accurate technical records and reports. This continuous use of evidence will demonstrate the laboratory's value and support sustained institutional commitment.

Oversight will be shared among the College, the host Rotary Club and international Rotary sponsors, with clearly defined responsibilities. The College will retain ownership and primary responsibility for day-to-day management, staffing, utilities, financial management, maintenance and compliance with applicable standards. The WWMC will coordinate institutional monitoring, data collection, operational follow-up and sustainability activities.

The Rotary Club of Eziama-Sunrise Aba, as the host sponsor, will provide local Rotary oversight by maintaining communication with the College, monitoring progress against agreed objectives, reviewing reports, facilitating stakeholder engagement and supporting problem resolution. The international Rotary sponsors will provide complementary oversight through periodic reviews, technical guidance, professional linkages, financial accountability and assistance in addressing significant implementation or sustainability

challenges.

Following project completion, the Rotary partners will provide five (5) years of post-project oversight and mentoring. During this period, joint reviews with the College and WWMC will assess laboratory utilization, water-quality monitoring, equipment condition, staff capacity, financial performance, community benefit and progress toward sustainability. Emerging challenges will be documented, assigned to the appropriate responsible party and followed through to resolution.

Rotary's post-project role will remain supportive rather than operational. Rotary will not manage the laboratory or assume responsibility for its recurring costs. Instead, the Rotary partners will provide monitoring, mentoring, technical linkages and accountability support while the College progressively assumes full responsibility. By the end of the two-year oversight period, the College and WWMC will have full operational responsibility for the laboratory.

The project will also maintain strategic partnerships with relevant Rotary Action Groups, technical institutions, professional bodies and qualified service providers to support continuing professional development, technical advice, equipment servicing and knowledge exchange. These relationships will strengthen the laboratory without creating long-term dependence on external funding.

Through institutional ownership, a clearly defined WWMC operational role, trained technical personnel, cost recovery, College budget support, preventive maintenance, reliable data systems, shared Rotary oversight and a structured two-year transition period, the laboratory will be positioned to remain technically functional, financially viable and institutionally managed long after the Rotary project funding ends.

**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.**

The equipment to be purchased will be culturally appropriate because it is designed for practical use within the local community and institutional environment. The equipment will be simple and safe to operate, suitable for the skills and working practices of local laboratory personnel, and appropriate for the environmental conditions in Rivers State. It will support locally relevant water-quality testing needs without requiring unfamiliar or culturally inappropriate practices.

Equipment will be selected in consultation with the College and intended users, with consideration given to ease of use, local technical capacity, availability of consumables and replacement parts, and access to maintenance support within Nigeria. The project will also provide appropriate training so that community and College personnel can confidently operate and maintain the equipment. This approach ensures that the technology is not only technically suitable but also practical, acceptable, and sustainable within the local context.

**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.**

Upon completion of the project, all equipment purchased with the grant will be owned and held by the Abia State College of Health Sciences and Management Technology, Aba, as the institutional beneficiary and custodian of the laboratory facility. The College will be responsible for safeguarding, operating, maintaining, and replacing the equipment in accordance with the approved Laboratory Governance and Management Framework, which will be linked to the broader Water, Sanitation and Hygiene and Menstrual Hygiene Management Framework.

The equipment will remain dedicated to the intended non-profit water-quality testing, monitoring, training, and disease-prevention purposes. Rotary will retain its agreed post-project oversight role but will not own or operate the equipment. Any disposal, transfer, or change in use will be subject to the applicable Rotary Foundation grant requirements and the College’s approved governance procedures.

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. A local funding source has been identified through the Abia State College of Health Sciences and Management Technology, supported by the College's institutional budget and modest cost-recovery fees from water-quality testing services. The laboratory will operate strictly on a non-profit, cost-recovery basis. Fees will not be used to generate profit for the College, Rotary, or any individual; they will be used solely to sustain the laboratory and ensure continued access to reliable water-quality testing.

All laboratory income will be officially receipted, recorded, and managed through the College's established financial and administrative procedures. A designated laboratory management team will prepare an annual sustainability budget covering testing consumables, equipment calibration, preventive maintenance, minor repairs, replacement parts, and eventual equipment replacement. Expenditure will require appropriate institutional authorization and be supported by proper financial records.

The College will therefore provide the institutional funding commitment, while cost-recovery income will supplement the maintenance budget. The Water, Waste Management Committee will provide operational oversight, while College management will retain financial accountability. Any surplus generated from laboratory services will be retained exclusively for laboratory operations, maintenance, quality assurance, and service improvement. This arrangement ensures transparency, prevents commercialization of the grant-funded facility, and provides a sustainable local funding mechanism after Rotary grant funding concludes.

**Will any part of the project generate income for ongoing project funding? If yes, please explain.**
Yes. The laboratory facility will generate modest service income through water-quality testing fees after commissioning. The laboratory will provide affordable microbiological and physicochemical water testing services to the College and, subject to capacity and applicable approvals, nearby schools, healthcare facilities, businesses, community organizations and other water users.

All income generated will be ring-fenced for the operation and sustainability of the laboratory, including purchase of reagents and consumables, equipment servicing and calibration, minor repairs, waste disposal, utilities, staff training and other essential operating costs. The laboratory will operate on a cost-recovery basis rather than for profit. A transparent fee schedule and financial accountability system will be established under the laboratory governance framework.

The income-generating component will therefore reduce dependence on external funding and help ensure that the laboratory remains functional and capable of providing reliable water-quality monitoring services beyond the Rotary project period.

# 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)

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.

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assignment of TRF's rights or delegation of performance without the Sponsors' prior written consent is void.

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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 |
|---|---|---|---|
| Akamnonu Aloysius | Eziama-Sunrise, Eziama-Aba [ Rotary Club ] | 9142 | |
| Harald Floeter | E-Club of Middle Kingdom One [ Rotary Club ] | 0052 | |

### District Rotary Foundation chair authorization

| Name | Club | District | Status |
|---|---|---|---|
| Daniel Ajawara | Enugu City Center [ Rotary Club ] | 9142 | |
| Shawn Tu (ST) | Shanghai Hongqiao [ Rotary Club ] | 0052 | |

### DDF authorization

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

### Legal agreement

| Name | Club | District | Status |
|---|---|---|---|
| Günther Klein | E-Club of Middle Kingdom One [ Rotary Club ] | 0052 | |
| Stanley Duru | Eziama-Sunrise, Eziama-Aba [ Rotary Club ] | 9142 | |