



CLUB ROTARIO
San Pedro - Curridabat



2018-19 DISTRICT 4240 GLOBAL GRANT INITIATIVE
“TIRRASES COMMUNITY DENTAL CLINIC”



“DISEASE PREVENTION AND TREATMENT”
“ECONOMIC AND COMMUNITY DEVELOPMENT”
“MATERNAL AND CHILD HEALTH”



GLOBAL GRANT- TIRRASES COMMUNITY DENTAL CLINIC



REGION: CENTRAL AMERICA | **COUNTRY:** COSTA RICA | **LOCATION:** TIRRASES, CURRIDABAT, SAN JOSE.

ROTARY AREAS OF FOCUS: DISEASE PREVENTION AND TREATMENT | ECONOMIC AND COMMUNITY DEVELOPMENT | MATERNAL AND CHILD HEALTH (and ADULT & ELDERLY DENTAL HEALTH).

ROTARY HOST PARTNERS: SAN PEDRO CURRIDABAT ROTARY CLUB - DISTRICT 4240 COSTA RICA.

PARTNERING CLUBS AND OTHER ENTITIES: LEWISVILLE MORNING ROTARY CLUB, DENTON NOON ROTARY CLUB - DISTRICT 5790 TEXAS, SOUTHWEST AIRLINES, ROTARACTS AND INTERACTS, FUNDACION CURRIDABAT, AWOW INTERNATIONAL GIRLS LEADERSHIP INITIATIVE, CLINICA DENTAL LOMA VERDE, MUNICIPALITY GOVERNMENT OF CURRIDABAT, CAMPBELL & WILLIAMS FAMILY, DENTAL OF HIGHLAND VILLAGE -TX, MEHARRY MEDICAL COLLEGE, AND FISK UNIVERSITY, NASHVILLE TN.

PLANNING COUNCIL (PC)- SAN PEDRO CURRIDABAT ROTARY CLUB - DISTRICT 4240 COSTA RICA, LEWISVILLE MORNING ROTARY CLUB, DENTON NOON ROTARY CLUB - DISTRICT 5790 TEXAS, SOUTHWEST AIRLINES, MEHARRY SCHOOL OF DENTISTRY, CAMPBELL & WILLIAMS DENTAL FOUNDATION, CLINICA DENTAL LOMA VERDE, SIGNED BY DRA. AYLIN SANCHEZ, FACULTY OF DENTISTRY UCR SIGNED BY DR. RONALD DE LA CRUZ, DR. ANDRES DE LA CRUZ "ORTHODONTICS" JEFFREY SIEBERT. DDS

PC: WILL HOST A SERIES OF CONFERENCE CALLS AND PLANNING MEETINGS WITH MEMBERS OF DISTRICT 5790, DISTRICT 4240, STUDENT RESIDENTS, UNIVERSITY FACULTY, AND DENTAL PROFESSIONAL.

SERVICE PROJECT VISIT: BY ROTARIANS, INTERACT, ROTARACT, COMMUNITY LEADERS, AND VOLUNTEERS.

SOUTHWEST AIRLINES: PROVIDE AIRLINE TICKETS AND CARGO SPACE FOR THE EQUIPMENT.

OVERVIEW: IN THE FALL OF 2017 A NEED ASSESSMENT WAS COMPLETED. AND AS A RESULT, A PILOT PROJECT WAS LAUNCHED. THE RESULTS OVWEWHEMLY CONFIRMED A DIRE NEED FOR A DENTAL CLINIC. THE CLINIC WILL COMPRISE OF DENTAL PROFESSIONALS, FACULTY AND RESIDENTS STUDENTS FROM SAN JOSE, NORTH TEXAS, THE UNIVERSITY OF COSTA RICA, AND THE SCHOOL OF DENTISTRY AT MEHARRY COLLEGE, NASHVILLE TENNESSEE. THE PROGRAMS WILL PROVIDE ORAL HEALTH EDUCATION AND PREVENTIVE DENTAL SERVICES TO VULNERABLE FAMILIES IN TIRRASES AND SURROUNDING COMMUNITIES. ORAL SERVICES WILL CONSIST OF DENTAL SEALANTS, ORAL SCREENING, PROPHYLAXES, TOOTHBRUSHES, TOPICAL FLUORIDE APPLICATIONS AND, MORE. VOLUNTEERS, TRAINED ASSISTANT AND HYGIENIST WILL ASSIST THE DENTIST DURING CLIENT(S) VISITS.

MISSION: IMPROVE THE ORAL HEALTH STATUS OF MEMBERS IN THE COMMUNITY. THE PROGRAMS CONSIST OF TRAINING INDIVIDUALS TO BECOME DENTAL HYGIENISTS, DENTAL ASSISTANTS, AND TO PROVIDE POTENTIAL STUDENTS WHO HAVE AN INTEREST IN DENTISTRY, THE OPPORTUNITY TO STUDY IN THE U.S. AT MEHARRY MEDICAL SCHOOL OF DENTISTRY- <https://home.mmc.edu/school-of-dentistry>.

OBJECTIVES: THE COMMITMENT TO LONG-TERM EFFORTS FROM THE COMMUNITY AND THROUGH ITS PARTNERSHIPS WILL HELP TO ENSURE ITS SUSTAINABILITY AND LIFE-LONG LEARNING.

COMMUNITY DENTAL LOCATION



CONTEXT: A new beautiful building was constructed in Tirasses, Costa Rica, a modern **Nursing Home for Abandoned, Alcoholic Women**, the building meets security and all municipality sanitation requirements to house the Community Dental Clinic project. The Curridabat Municipality is offering, as another option a 20 million colones (\$35,000. dollars) to build a special design and independent Dental Clinic, on the same property but with a better access for the community.

On Tuesday, June 5, 2018, Past-President Carolyn Wright of Lewisville Morning Rotary Club and Karen McDaniels of Denton Noon Rotary Club, visited Costa Rica and had the opportunity to tour the designated site where the clinic could be built. This space will guarantee easy access to the community, security, light, power, and water from the modern NURSING HOME.

The Clinic will not only provide preventative dental services but also oral health education classes for a population of 19,000 persons.



Space where the DENTAL CLINIC could be built

OVERVIEW: Costa Rica ranks among the top 10 global destinations for dental procedures based on quality and cost. But for many Costa Ricans, dental care is unaffordable. Tirrases a suburban poor community with 19,000 people living in poor conditions with 50% of immigrants, have to walk far to a Social Security Clinic to have a dental appointment, as well as wait for an appointment for as long as one year.

In the fall of 2017, a pilot community based dental health project was conducted in a nearby classroom, with great success to support the idea:

- Provide preventative clinical services and oral health education to pregnant women, children, elderly and other population groups in Costa Rica.
- Provide opportunities for student residents and students interested, to study abroad at the Meharry Medical School of Dentistry.
- Reduce dental health barriers and disparities for Costa Ricans.
- Develop a school-based, school-linked dental clinic | sealant program | applied fluoride varnished.
- Community Health Fairs between Rotary, NGO's and the Municipality.
- School screening and/or education program | applied fluoride varnish

The commitment to a long-term partnership with the Non-Profit Organization *Albergue para Indigentes, Alcohólicos y Abandonados de Tirrases Gerardo Zeledón*, the USA dental community, *Meharry Medical School of Dentistry* <https://home.mmc.edu/school-of-dentistry>, and the UCR Faculty of Dentistry will help ensure the sustainability of the **Community Dental Clinic at Tirrases**.

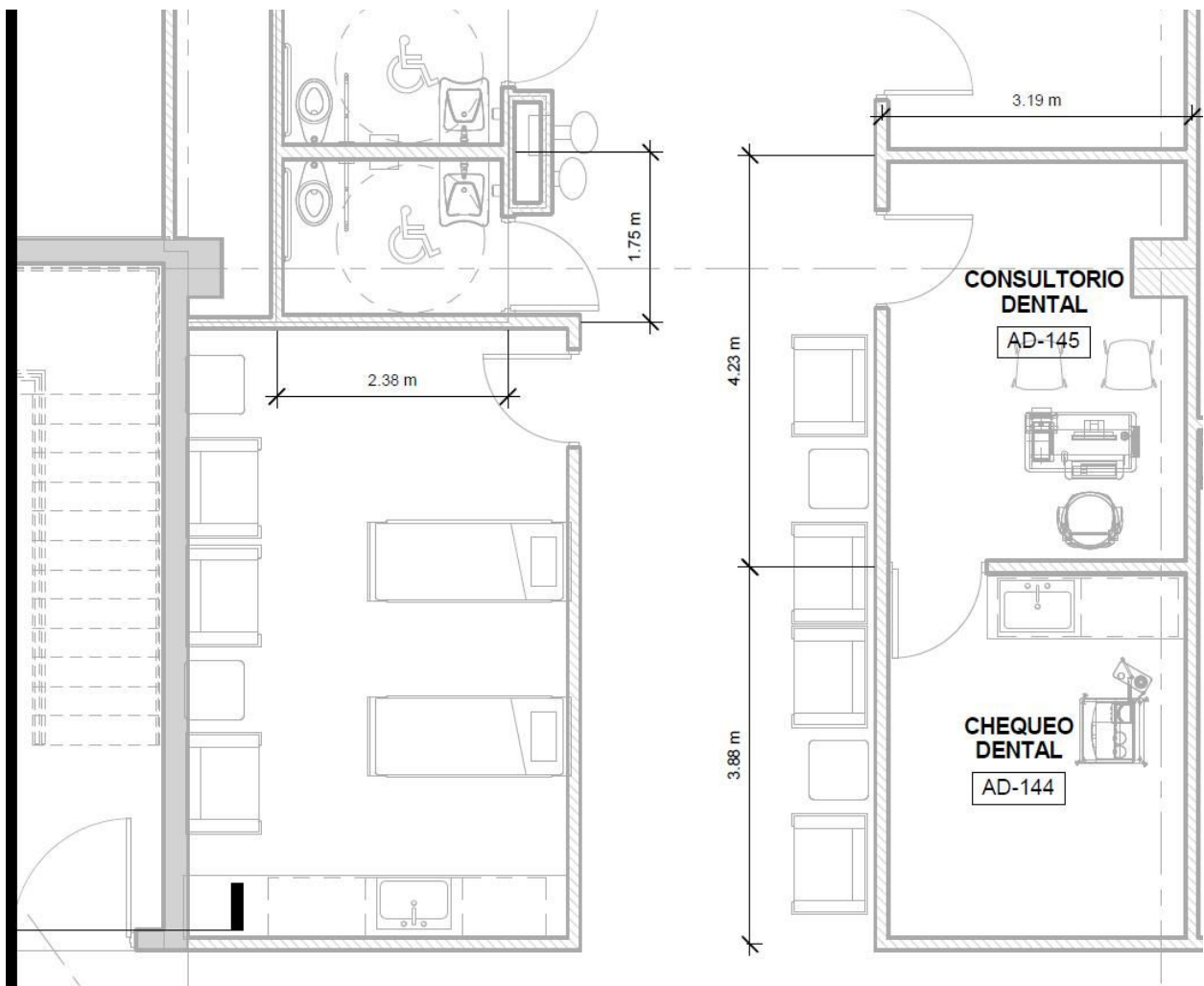
IMPACT: By partnering with schools and community organizations these are the results that will impact the community

- Improve access to oral health by delivering both prevention and dental procedures.
- Expand access to oral health education.
- Increase the percentage and number of clients seen.
- Provide affordable dentistry

To learn more about the 2017 pilot program go to <http://awownow.org/aluas>



POVERTY REDUCTION AND SUSTAINABILITY



BLUEPRINT OF PROPOSED DENTAL CLINIC

GLOBAL GRANT DRAFT

Global Grant Title – *Tirrases Dental Clinic - 4240* | Global Grant No. G-1571

GG website <http://www.matchinggrants.org/global/> | website: <http://www.matchinggrants.org/district/>

Which of the following activities will this global grant fund? Humanitarian Project

Where will your project take place? Barrio of Tirrases in a community of Curridabat, Province of San Jose, Costa Rica, (District 4240) **Project Description: You should include what needs have been identified, how the project will meet those needs and the timeline for your project. Please specify what the project funds will be used for and how club members will be involved.**

Project Location: Barrio of Tirrases in a community of Curridabat, Province of San Jose, Costa Rica, (District 4240)

Needs of the community

1. Construct a dental clinic - there is only one dental clinic and far away from the community
2. Wait time to see the dentist is between 3 months to 1 year
3. Affordable dental care
4. The municipal government has invested more than \$500,000 to improve the community but still no medical/dental clinics
5. Club Rotario San Pedro (Host) has worked and invested in this community for more than 12 years and knows the community and their needs.

How community needs will be met

1. Prevent gum disease and tooth decay by providing treatment and proper education on oral hygiene.
2. Provide oral health education and preventive dental services to vulnerable families in Tirrases and surrounding areas.
3. Oral health and education services which consist of oral screenings, dental sealants, and varnish.
4. Train individuals to become dental hygienists, dental assistants.
5. Provide potential Costa Rican students who have an interest in dentistry, the opportunity to study in the in the U.S at Meharry Medical School of Dentistry <https://home.mmc.edu/school-of-dentistry>.
6. Support community and economic development
7. Help to ensure its sustainability and life-long learning.

Project Implementation Timeline: 2019 -05-01 until 2019-12-31

No.	Activity	Duration	Projected Date	Date Completed
1	Identify and purchase land	1 month	06/04/2018	06/04/2018
2	Design and Develop Blueprint	1 months	06/07/2018	06/07/2018
3	Develop curriculum	120 days & ongoing		
4	Student assistant training:	30 days & ongoing		
5	Teacher Group Training	60 days		
6	Performance Evaluation, Monitoring, Feedback:	120 days & ongoing		
7	Equipment purchase and installation	30 Days		
8	Host community health fair	Ongoing		
9	Fully - Funded	180 days	11/15/2018	
10	Groundbreaking Ceremony - RI. President, Barry Rassin Team Visit	3-day-span	07/29/2018	
11	When the project will take place (Team 1)	7-day-span	02/16-23/2019	
12	When the project will take place (Team 2)	7-day-span	03/16-23/2019	
13	When the project will take place (Team 3)	7-day-span	04/20-27/2019	

The Curridabat Municipality is donating 20 million colones (\$35.000. dollars) to the project. The building site was donated by *Gerardo Zeledón - CEO | Founder of the not-for-profit 'Albergue para Indigentes, Alcohólicos y Abandonados de Tirrases'*.

PLEASE SPECIFY WHAT THE PROJECT FUNDS WILL BE USED FOR

Rotary will build a Community Dental Clinic (TCDC) and establish a School Dental Education Program (SDEP) that directly benefits adults and children of poverty living in the barrio of Tirrases in Curridabat, San Jose, Costa Rica, District 4240.

1. Design, and create a blueprint of the building
2. Create a curriculum and train the teachers to educate their students on good oral and preventative dental practices.
 - a. Facilitate and develop a fluoride varnish program for children.
 - b. Develop a school-based, school-linked dental sealant program.

- 3 Build the community dental center
- 4 Furnish the clinic with all equipment needed to offer professional dental services.
- 5 Provide opportunities for graduate students from the University of Costa Rica to work in the clinic as dental hygienists and/or assistants. Garner support from both the municipality of Curridabat, faculty and graduate students from Meharry University, Nashville, TN USA.
 - a. Provide potential students from Costa Rica who have an interest in dentistry the opportunity to study in the US at Meharry Medical School of Dentistry, Nashville, Tennessee.
 - b. Provide Meharry School of Dentistry graduates the opportunity to work as “residents” in Costa Rica.
- 6 Host club to hold community health fairs that entertain, educate and enhance young people’s curiosity about dental hygiene, reduces their anxiety, and help develops good dental habits.

HOW CLUB MEMBERS WILL BE INVOLVED

Rotarian Participation - Describe the role of the host Rotarians in this activity and list their specific responsibilities.

1. Rotary district of 4240 will establish uniform guidelines for all district clubs to adopt standards that will ensure uniformity.
2. District team members will require a minimum of three years participation in the TDC team.
3. Appoint a contract vendor who will ensure the upkeep of the building for a period of five years. Clubs, who are responsible for the selection and communication to the schools, will ensure the appointment of a “school liaison” for a minimum period of three years. The liaison will, in turn, ensure review of school performance and arrange any assistance as needed by a school.
4. The School will appoint a lead teacher who will undertake the responsibility to ensure the steady operation of the system for three years.
5. District – club team will organize teachers training for effective use of TDC, once every six months for the period of three years.
6. It is expected that within three years of successful TCDC operation, several NGOs will come forward to take up the program on their own and will take up the program from Rotary organization.

Describe the role of the international Rotarians in this activity and list their specific responsibilities.

1. Sponsor club will monitor the progress through emails
2. Sponsor Club will visit the project sites once in a year to support the project and address any needs the host club may identify.
3. Host and Sponsor Clubs will collectively monitor all activities, making sure to stay within budget.

SUSTAINABILITY

Describe the role that members of the local community will play in implementing your project. What incentives (e.g., compensation, awards, certification, promotion) will you provide to encourage local participation?

1. Rotary district will establish uniform guidelines for all district clubs to adopt standards that will ensure uniformity. District team members will require a minimum of three years participation in the RCDC team. Appoint contract vendor who will ensure upkeep of building for a period of five years.
2. Clubs, who are responsible for the selection and communication with the school, will ensure the

- appointment of school mentor for a minimum period of three years. Mentor will, in turn ensure the review of school performance and arrange any assistance as needed by school.
3. School will appoint a lead teacher who will undertake responsibility to ensure steady operation of the system for three years.
 4. District – club team will organize teachers training for effective use of RCDC system, once every six months for the period of three years.
 5. It is expected that within three years of successful RCDC operation, several NGOs will come forward to take up the program on their own and will take up the program from Rotary organization.
 6. After reviewing the data provided from the school liaison, the Local Rotary club will determine the best way to reward the schools.

Identify any individuals in the local community who will be responsible for monitoring outcomes and ensuring continuity of services. How will you support these individuals to help them take on this leadership role? School Principals, Health/Science teachers, community and government leaders will be responsible. Invite these “stakeholders” to be involved from the beginning of this program. Invite their feedback and participation in every aspect of the program. Assure they understand this is “their” project.

Who will benefit from this global grant? Residents of Tirasses and surrounding communities.

Provide the estimated number of direct beneficiaries _____.

It is directed towards ages 1 and up in the Tirasses community where affordable dental care is not available, school drop-out rates and unemployment are high, and there is steady a migration from Nicaragua and other Central/South American conflict countries to this already overcrowded community.

1. Fluoride Varnish Program for Children ____ School ____ Teachers ____ Students, per year.
2. Dental Sealant Program for Children ____ School ____ Teachers ____ Students, per year.
3. Fluoride Varnish Program for Adults ____ adults/per year.
4. Dental Sealant Program for Adults ____ adults/per year
5. Affordable dentistry and access to oral health education ____ adults/per year.

SUSTAINABILITY

Detail how your project will address these community needs. See GG overview

How were members of the local community involved in planning the project?

Through the collaboration between community leaders, municipality and NGO’s.

Does your project align with any current or ongoing local initiatives? Yes

1. La Cometa Community Center
2. After School Programs (Casa de los Ninos)
3. Albergue para Indigentes, Alcohólicos y Abandonados de Tirrases Gerardo Zeledón.

Describe any training, community outreach, or educational programs, if applicable, and who will conduct them. How will recipients be selected?

1. Train teachers on how to educate their students in good oral and preventive dental practices.
2. School-based, school-linked dental clinic
3. School sealant program | applied fluoride varnish
4. School screening and/or education program | applied fluoride varnish
5. Community Health Fairs-collaboration between Rotary, NGO’s and the Municipality.
 - a. Oral health education
 - b. Adult sealant program | applied fluoride varnish

- c. Screening and/or education program | dental sealant program | applied fluoride varnish

All services are available to anyone in the community.

How will goals be met? Who is responsible for collecting information for monitoring evaluation?

BUDGET: Local currency posted 06/07/2018: COL Exchange rate to 1 USD: 565

SUSTAINABILITY

The vendor is known to Rotary fraternity and have supplied similar equipment & software to us and Rotary District 4240 at most competitive rates and efficiently. The main Vendor of this project is... _____ who is supplying these items to RID 4240 _____ committee has negotiated these prices with him after having competitive quotations from other vendors.

The beneficiary community/schools will keep this equipment in the clinic with a careful custody and security. They will enter into an agreement for the safe custody of the equipment with RCSP. The Vendor has offered ____years free maintenance service for these systems.

Funding Method (Plan A)	Organization Amount	Colones	\$USD
District Designated Fund (DDF) 4240			
District Designated Fund (DDF) 5790			
District Designated Fund (DDF) Others			
DDF contributions			
Cash contributions			\$35,000.
World Fund match			
Total financing			
Total budget			

Funding Method (Plan B)	Organization Amount	Colones	\$USD
District Designated Fund (DDF) 4240			
District Designated Fund (DDF) 5790			
District Designated Fund (DDF) Others			
DDF contributions			
Cash contributions			\$35,000.
World Fund match			
Total financing			
Total budget			\$75,000

TEAM TRAVEL	DEPARTURE	RETURN	PROJECT
Group Visit	07/29/2018	0iv/01/2018	Groundbreaking Ceremony - 06/29/2018 RI. President, Barry Rassin
Ship equipment	01/05/2018		
Team 1	02/16/2018	02/23/2018	Construction Paint Installation Clean-up crew
Ship equipment			
Team 2	03/16-/2018	03/23/2018	Dental Inventory Misc. Inventory Furnish
Ship equipment			
Team 3	04/20/2018	04/27/2018	Landscape Clean-up crew

List needs and specific project tasks:

1. Number of volunteers for each task?
2. Identify teams of volunteers: (ex: Rotarians, Rotaract, Interact, universities, community members...)
3. Tools and equipment needed to complete the project: (ex: Corded Saws & drills / hand tools / paint tools...)
4. Supplies: painting, electrical, plumbing, lumber.
5. Skills: (ex: basic carpentry, tech, electrical, plumbing, painting...)
6. In-kind contributions: (ex: material, supplies, equipment, donations...)
7. List hands-on work needed for the project: (ex: basic carpentry, tech, electrical, plumbing, painting...)
8. painting...)
9. In-kind support: (ex: municipalities, organizations... provide staffing, advertisement)

Approximately 50 to 80 people will travel to CR.

1. Host club to assistance in securing information regarding the followings:
2. Transport: CATIE will provide bus/van transportation (to and from the airport, and project sites)
3. Lodging / accommodation (all-inclusive / non-inclusive)
4. Meals: breakfast and dinner (possible box lunches to take along).
5. Meeting / conference room
6. Variety of excursions for individuals who desire to extend their visit. Prices are additional not included in the package.

GRANTS DEADLINES

Absolute final date to submit all documentation is 20 June.

The documents will be reviewed and returned with comments or given a final approval.

Absolute Final date to upload this grant to RI is 30 June.