



Title: Captacion de Agua, Salud y Alimentos

PROYECT DETAILS

Project Objective:

Implementar sistemas de captación de agua pluvial con capacidad de 20,000 litros por unidad familiar, integrando procesos de purificación para consumo humano y módulos de producción de alimentos en traspatio.

Country/Location: México

Focus Area: Water, Sanitation and Hygiene

Implementation Year: 2026

Total Project Budget: \$46,153.00 USD

Missing Funds: **\$-34,522.40 USD**

Community Assessment:

Overview:

En los últimos años, el municipio de Huajuapán de León ha enfrentado una disminución severa en los regímenes de precipitación, provocando una crisis de escasez de agua que impacta directamente en la salud pública y la soberanía alimentaria.

Why did you decide to focus on addressing this problem?

What other needs exist in the community?

What other organizations are working in the community on issues that are not related to the problem you identified and what services are they providing?

Who conducted the community assessment and when? What methods were used?

Describe the community and institutions where your project will take place. Include any relevant information about the project area. Note: Describe whether the area is a formal or informal settlement, school, refugee camp, health care facility, household, or watershed or basin. Provide the name of the community or institution, the administrative district, or watershed that it is a part of, and whether the areas are urban or rural. Provide relevant climatic and environmental information.

Tell us about the people that the project will help.

Note: For example, are they school-aged children, women and girls, or health care workers? Include demographic details such as population size, age ranges, numbers of males and females, average household income, and any special vulnerabilities.

Based on the community assessment, describe how the problem you identified is currently being addressed or mitigated. What are the key challenges?

Note: Describe the current water, sanitation, and hygiene service levels, addressing criteria such as access, availability, water quality, availability of gender-specific toilets, functionality of facilities, handwashing stations with soap, and fecal sludge management. Include any issues (e.g., poor management, financial challenges, lack of government support) or service gaps or behavior changes that would benefit the community.

What are the community's strengths and resources?

Note: Describe the community's assets, such as people, behaviors, financing, and infrastructure. Examples: engagement of local government, existing community water points, a national hygiene curriculum. Include any recent improvement in the percentage of the population or districts with improved water, sanitation, and hygiene services. Describe knowledge, attitudes, and cultural norms regarding water, sanitation, and hygiene.

Are any similar programs or initiatives being implemented in the community by non-Rotary entities, government agencies, or nongovernmental organizations (NGOs)? How will these similar initiatives enhance your project's effectiveness?
Note: Describe how you plan to coordinate with other organizations, if you do.

Project Design:

Esta problemática es particularmente aguda en las zonas rurales y colonias periféricas, donde la falta del recurso limita tanto el consumo básico como la producción de subsistencia. El presente proyecto propone una solución integral mediante la captación de agua de lluvia, permitiendo a las familias de escasos recursos contar con una fuente de abastecimiento segura, potable y funcional para la creación de huertos de traspatio.

Direct Beneficiaries:

Metas Cuantificables
Cobertura: Beneficiar a familias en situación de vulnerabilidad.
Impacto poblacional: Alcanzar un total de 200 personas (promedio de 5 integrantes por familia).
Alcance territorial: Intervención en 8 agencias y 8 colonias de la región Mixteca.
Capacidad instalada: Generar una reserva potencial total de 800,000 litros de agua en la región.

Sustainability:

Componente Técnico: El método de purificación (filtros de carbón activado, luz UV o filtros cerámicos) para garantizar que el agua sea realmente apta para consumo humano.
Sostenibilidad: Lo ideal es una breve capacitación a las familias sobre el mantenimiento de las cisternas y técnicas de riego por goteo para optimizar esos 20,000 litros.
Costo-Beneficio: Destacar que la captación pluvial reduce el gasto familiar en la compra de pipas o garrafones, aliviando la economía del hogar, permitiendo disponer de recursos para el mantenimiento y sustentabilidad del proyecto.

Collaborators:

se trabajara con el gobierno municipal de Hujauapan de León, quienes cuentan con una regiduria del agua y areas que atienden temas de agua y su aprovechamiento adecuado.

Evaluation and Monitoring:

Seguimiento y Evaluación
Monitoreo: Verificación de fugas y correcto funcionamiento de los purificadores.
Evaluacion: Entrega de informe de resultados e impacto social.

PROJECT CONTACTS

Host Club: Club Rotario de la Mixteca (District 4195)
Contact: RAUL SANCHEZ PEÑA - rauls25@gmail.com

PROJECT FINANCE SUMMARY

Finance Calculator

Funds Sources (Requested / Committed)

Source	Club (Cash)	District (DDF)	Match + 5% Fee	Total
Club Rotario de la Mixteca (Cash)	\$3,000.00 USD	-	+\$150.00 USD	\$3,000.00 USD
Distrito 4195 (FDD)	-	\$3,000.00 USD	\$2,400.00 USD	\$5,400.00 USD
N/A (Cash)	\$0.00 USD	-	-	\$0.00 USD
Distrito Intl N/A (FDD)	-	\$40,153.00 USD	\$32,122.40 USD	\$72,275.40 USD
TOTALS	\$3,000.00 USD	\$43,153.00 USD	\$34,522.40 USD	\$80,675.40 USD

**** Required FDD **** \$34,522.40 USD

Total Requested Budget	\$46,153.00 USD
Total Obtained Funds	\$80,675.40 USD
** Funding Gap **	\$-34,522.40 USD
Total 5% Cash Fee (info only)	\$150.00 USD

DOCUMENTS, PHOTOS & FILES (CLICK TO OPEN)

No documents or files were attached to this grant application.