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A.I.D. Project No. 519-0209

PROJECT  
GRANT AGREEMENT  
BETWEEN  
EL SALVADOR  
AND THE  
UNITED STATES OF AMERICA  
FOR  
RURAL WATER SUPPLY AND SANITATION

Date: September 28, 1979

**RECORD COPY**

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A.I.D. PROJECT No. 519-0209

PROJECT GRANT AGREEMENT

September , 1979

Between:

El Salvador, C.A. ("Grantee")

and:

The United States of America, acting through the Agency for International Development ("A.I.D.")

Article 1: The Agreement

The purpose of this Agreement is to set out the understandings of the parties named above ("Parties") with respect to the undertaking by the Grantee of the Project described below, and with respect to the financing of the Project by the Parties.

Article 2: The Project

SECTION 2.1. Definition of the Project. The Project, which is further described in Annex I, will consist of four components designed to expand and sustain access of Salvadorans in rural areas to water and sanitation facilities. An operation and maintenance survey will be conducted in communities which have access to rural water systems to determine the physical condition of each, the quality and quantity of water supplied, the community's role in operation and maintenance activities, any existing operating problems, routine maintenance needs and financial viability of the system. Based on the survey results and an analysis of the revolving fund of the Ministry of Health Rural Water Supply Department (DAR), a cost-effective maintenance program will be designed which will emphasize preventive maintenance activities.

Using the results of the O&M survey, a curriculum will be designed for training courses for DAR personnel employed to operate and maintain rural water systems. At least 10 deficient rural water systems will be restored to full operation as a part of the field work under the courses.

Skills of DAR Rural Water Promoters (to be renamed Constructor/Promoters of Rural Water Systems) will be upgraded in an extensive training program involving both classroom and field work in technical and promotional aspects of rural water supply.

In addition, based on reviews of pending applications, engineering assistance will be provided to design water systems in selected communities using alternative technologies other than deep well electric submersible pumps. Other communities, also not yet served by water systems, will be identified as being appropriate sites for utilization of such alternative technologies.

Annex I amplifies the above definition of the Project. Within the limits of the above definition of the Project, elements of the amplified description stated in Annex I may be changed by written agreement of the authorized representatives of the Parties named in Section 8.2 without formal amendment of this Agreement.

SECTION 2.2. Incremental Nature of Project.

(a) A.I.D.'s contribution to the Project will be provided in two increments, the initial one being made available in accordance with Section 3.1 of this Agreement. Subsequent increments up to an additional Ninety Thousand United States ("U.S.") Dollars (\$90,000) (Grant) will be subject to availability of funds to A.I.D. for this purpose, and to the mutual agreement of the Parties, at the time of a subsequent increment, to proceed.

(b) Within the overall Project Assistance Completion Date stated in this Agreement, A.I.D. based upon consultation with the Grantee, may specify in Project Implementation Letters appropriate time periods for the utilization of funds granted by A.I.D. under an individual increment of assistance.

Article 3: Financing

SECTION 3.1. The Grant. To assist the Grantee to meet the costs of carrying out the Project, A.I.D., pursuant to the Foreign Assistance Act of 1961, as amended, agrees to grant the Grantee under the terms of this Agreement not to exceed Three Hundred and Ninety Thousand United States ("U.S.") Dollars (\$390,000.00) (Grant). The Grant may be used to finance foreign exchange costs, as defined in Section 6.1, and local currency costs, as defined in Section 6.2, of goods and services required for the Project.

SECTION 3.2. Grantee Resources for the Project.

(a) The Grantee agrees to provide or cause to be provided for the Project all funds, in addition to the Grant, and all other resources required to carry out the Project effectively and in a timely manner.

(b) The resources provided by Grantee for the Project will be not less than the equivalent of U.S. \$415,000.00, including costs borne on an "in-kind" basis.

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**SECTION 3.3. Project Assistance Completion Date.**

(a) The "Project Assistance Completion Date" (PACD), which is March 31, 1983, or such other date as the Parties may agree to in writing, is the date by which the Parties estimate that all services financed under the Grant will have been performed and all goods financed under the Grant will have been furnished for the Project as contemplated in this Agreement.

(b) Except as A.I.D. may otherwise agree in writing, A.I.D. will not issue or approve documentation which would authorize disbursement of the Grant for services performed subsequent to the PACD or for goods furnished for the project, as contemplated in this Agreement, subsequent to the PACD.

(c) Requests for disbursement, accompanied by necessary supporting documentation prescribed in Project Implementation Letters are to be received by A.I.D. no later than nine (9) months following the PACD or such other period as A.I.D. agrees to in writing. After such period, A.I.D., giving notice in writing to the Grantee, may at any time or times reduce the amount of the Grant by all or any part thereof for which requests for disbursement, accompanied by necessary supporting documentation prescribed in Project Implementation Letters, were not received before the expiration of said period.

**Article 4: Conditions Precedent to Disbursement**

**SECTION 4.1. First Disbursement.** Prior to the first disbursement under the Grant, or to the issuance by A.I.D. of documentation pursuant to which disbursement will be made, the Grantee will, except as the Parties may otherwise agree in writing, furnish to A.I.D. in form and substance satisfactory to A.I.D.:

(a) a statement of the name of the person holding or acting in the office of the Grantee specified in Section 8.2, and of any additional representatives, together with a specimen signature of each person specified in such statement;

(b) evidence that the Ministry of Health has assigned eight (8) vehicles, two to each of the four health regions, for use in implementation and general backstopping of the project;

(c) documentation of an inter-ministerial agreement between the Ministries of Health and Education regarding the use of facilities and instructors of ITCA (Instituto Tecnológico Centroamericano) for training for 15 CPARs (Constructor/Promotor en Acueductos Rurales) under Component III.

**SECTION 4.2. Additional Disbursement.** Prior to additional disbursement under the Grant, or issuance by A.I.D. of documentation pursuant to

which disbursement will be made after January 15, 1981, the Grantee will furnish to A.I.D. a policy statement and accompanying time phased plan to accomplish the following:

(a) the upgrading of 15 rural water promoter positions to the level of CPAR, with accompanying salary increases, for those rural water promoters who successfully complete the CPAR training program;

(b) the relocation of four electrical technicians and their crews from San Salvador to each region with accompanying salary increases, upon completion of their operation and maintenance training program;

(c) the replacement of the 15 rural water promoters who will become CPARS; and

(d) the earmarking of necessary funds (\$80,000) to repair ten (10) rural water systems under Component II.

SECTION 4.3. Notification. When A.I.D. has determined that the conditions precedent specified in Section 4.1 and 4.2 have been met, it will promptly notify the Grantee.

SECTION 4.4. Terminal Dates for Conditions Precedent.

(a) If all of the conditions specified in Section 4.1 have not been met within 30 days from the date of this Agreement, or such later date as A.I.D. may agree to in writing, A.I.D., at its option, may terminate this Agreement by written notice to Grantee.

(b) If all of the conditions specified in Section 4.2 have not been met by January 15, 1981, or such later date as A.I.D. may agree to in writing, A.I.D., at its option, may cancel the then undisbursed balance of the Grant, to the extent not irrevocably committed to third parties, and may terminate this Agreement by written notice to the Grantee.

Article 5: Special Covenants

SECTION 5.1. Project Evaluation. The Parties agree to establish an evaluation program as part of the Project consisting of three evaluations. Except as the Parties otherwise agree in writing, these evaluations will take place after the first and second year of implementation and within one year of project termination. Such evaluations will include:

(a) evaluation of progress toward attainment of the objectives of the Project;

(b) identification and evaluation of problem areas of constraints which may inhibit such attainment;

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(c) assessment of how such information may be used to help overcome such problems; and

(d) evaluation, to the degree feasible, of the overall development impact of the Project.

The Parties agree to develop jointly an evaluation plan within 90 days of the signature of this Agreement.

Article 6: Procurement Source

SECTION 6.1. Foreign Exchange Costs. Disbursements pursuant to Section 7.1 will be used exclusively to finance the costs of goods and services required for the Project having their source and origin in the United States (Code 000 of the A.I.D. Geographic Code Book as in effect at the time orders are placed or contracts entered into for such goods or services) ("Foreign Exchange Costs"), except as A.I.D. may otherwise agree in writing, and except as provided in the Project Grant Standard Provisions Annex, Section C.1(b) with respect to marine insurance. Ocean shipping shall be procured in the United States, except as A.I.D. may otherwise agree to in writing.

SECTION 6.2. Local Currency Costs. Disbursements pursuant to Section 7.2 will be used exclusively to finance the costs of goods and services required for the Project having their source and, except as A.I.D. may otherwise agree in writing, their origin in the Central American Common Market ("Local Currency Costs").

Article 7: Disbursement

SECTION 7.1. Disbursement for Foreign Exchange Costs. After satisfaction of conditions precedent, the Grantee may obtain disbursements of funds under the Grant for the Foreign Exchange Costs of goods or services required for the Project in accordance with the terms of this Agreement, by submitting to A.I.D., with necessary supporting documentation as prescribed in Project Implementation Letters:

- (a) requests for reimbursement for such goods or service, or
- (b) requests for A.I.D. to procure commodities or services in Grantee's behalf for the Project.

SECTION 7.2. Disbursement for Local Currency Costs.

(a) After satisfaction of conditions precedent, the Grantee may obtain disbursements of funds under the Grant for Local Currency Costs for goods and services required for the Project in accordance with the terms of this Agreement, by submitting to A.I.D., with necessary supporting

documentation as prescribed in Project Implementation Letters, requests to finance such costs.

(b) The local currency needed for such disbursements may be obtained by acquisition by A.I.D. with U.S. dollars by purchase.

The U.S. Dollar equivalent of the local currency made available hereunder will be, in the case of subsection (b) above, the amount of U.S. dollars required by A.I.D. to obtain the local currency.

SECTION 7.3. Other Forms of Disbursement. Disbursement of the Grant may also be made through such other means as the Parties may agree to in writing.

SECTION 7.4. Rate of Exchange. Except as may be more specifically provided under Section 7.2, if funds provided under the Grant are introduced into El Salvador by A.I.D. or any public or private agency for purposes of carrying out obligations of A.I.D. hereunder, the Grantee will make such arrangements as may be necessary so that such funds may be converted into currency of El Salvador at the highest rate of exchange which, at the time conversion is made, is not unlawful in El Salvador.

Article 8: Miscellaneous

SECTION 8.1. Communications. Any notice, request, document or other communication submitted by either Party to the other under this Agreement will be in writing or by telegram or cable, and will be deemed duly given or sent when delivered to such party at the following addresses:

To the Grantee:

Mail Address: Minister  
Ministry of Public Health  
and Social Assistance  
Calle Arce No. 827  
San Salvador, El Salvador  
C.A.

To A.I.D.:

Mail Address: Director  
U.S.A.I.D. Mission to El Salvador  
c/o American Embassy  
San Salvador, El Salvador, C.A.

All such communications will be in English or Spanish, unless the Parties otherwise agree in writing. Other addresses may be substituted for the above upon the giving of notice.

SECTION 8.2. Representatives. For all purposes relevant to this Agreement, the Grantee will be represented by the individual holding or acting in the office of the Minister of Health and A.I.D. will be represented by the individual holding or acting in the office of Director, U.S.A.I.D. Mission to El Salvador, each of whom, by written notice, may designate additional representatives for all purposes other than exercising the power under Section 2.1 to revise elements of the amplified description in Annex I. The names of the representatives of the Grantee, with specimen signatures, will be provided to A.I.D., which may accept as duly authorized any instrument signed by such representatives in implementation of this Agreement, until receipt of written notice of revocation of their authority.


SECTION 8.3. Standard Provisions Annex. A "Project Grant Standard Provisions Annex" (Annex II) is attached to and forms part of this Agreement.

SECTION 8.4. Language of Agreement. This Agreement is prepared in both English and Spanish. In the event of ambiguity or conflict between the two versions, the English Language version will control.

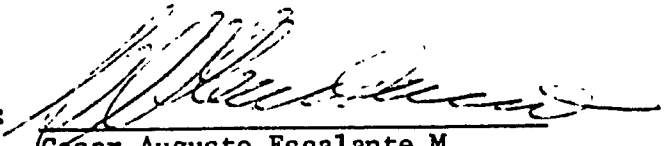
IN WITNESS WHEREOF, the Grantee and the United States of America, each acting through its duly authorized representative, have caused this Agreement to be signed in their names and delivered as of the day and year first above written.

EL SALVADOR:

By:

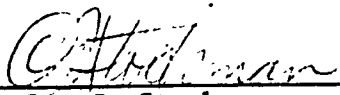
  
\_\_\_\_\_  
Jorge Alberto Escobar P.  
Sub-secretary and Acting  
Minister of Planning and  
Coordination of Social and  
Economic Development

By:

  
\_\_\_\_\_  
Cesar Augusto Escalante M.  
Minister of Public Health and  
Social Assistance

UNITED STATES OF AMERICA:

By:

  
\_\_\_\_\_  
Charles J. Stockman  
Director, U.S.A.I.D. Mission  
San Salvador, El Salvador, C.A.

**ANNEX I**

**PROJECT DESCRIPTION**

## I. Background

This project, a direct assistance Grant to the Government of El Salvador, seeks to alleviate poor health conditions in rural El Salvador by increasing the access of the rural poor to potable water and adequate sanitation.

The project was initiated in direct response to a request from the President of El Salvador and the GOES Minister of Health for USAID assistance in this area. It is a part of a larger initiative of the GOES under its Five Year Plan, Well-Being for All (1977-1982), to improve access of the rural population to potable water supply and sanitation facilities and to increase community participation in such programs.

## II. Project Design

This project will assist the GOES Ministry of Health (MOH) to expand and sustain access of rural poor to water and sanitation facilities. Current major constraints to construction and maintenance of rural water systems and sanitation facilities are addressed by each of the four project components.

Under Component I, an operation and maintenance survey will be conducted in approximately 464 communities which have access to rural water systems to determine the physical condition of each, the quality and quantity of the water supplied, the community's role in operation and maintenance activities, any existing operating problems, routine maintenance needs, and financial viability of the systems. Based on the survey results and an analysis of the MOH/Rural Water Supply Department (DAR) revolving fund, a cost-effective maintenance program will be designed which emphasizes preventive maintenance activities.

Under Component II, and using the results of the O&M survey a curriculum will be designed for training courses for DAR personnel employed to operate and maintain rural water systems. Individuals who will receive the short, two-to-three-week periods of instruction include approximately 20 plumbers, 120 pump operators, 500 community-based water system operators and 16 electrical technicians. At least ten deficient rural water systems will be restored to full operation as part of the practicums associated with course work.

Under Component III, the skills of 15 DAR rural water promoters will be upgraded in an extensive training program including both classroom and field work. These promoters will receive training in technical as well as socio-cultural aspects of rural water supply, construction, operation and maintenance. Upon completion of the nine month course, the "Constructors/Promotores de Acueductos Rurales" -- CPARs as they will be renamed -- will be responsible for organizing communities, completing initial technical studies, assisting in the development of more detailed technical

studies required to design rural water and latrine facilities, supervising water system and latrine construction and health education activities, inaugurating these systems and supervising follow-up activities in operation and maintenance.

Under Component IV skilled engineering assistance will be provided to design five to ten rural water systems using appropriate technologies. From 800 rural water system applications presently on file at the DAR, contracted consultants will select 50 communities which will be investigated for appropriate technology design feasibility. Based on the results of these field studies five to ten DAR approved water systems will be designed using technologies or modifications thereof, which have not yet been tried in El Salvador. As a final activity under this component, a report will be developed identifying other rural communities, not yet served by water systems, to which the new technology designs will be applicable.

The activities that will be undertaken within the four components will lead to an increase in the quality of construction and maintenance of rural water supply systems with a new emphasis on integrating environmental sanitation and health education activities into the MOH methodology.

### III. Responsibilities

#### A. AID

AID will provide financing for:

1. Materials, supplies, per diems and instructors required to train 15 rural water promoters, 16 electrical technicians, 20 plumbers, 120 pump operators, and 500 community based operators;
2. Technical assistance for survey work and appropriate technology designs under Component IV, survey work, analysis and plan development for operations and maintenance under Component I, and for course development and instruction under Components II and III.

#### B. The Government of El Salvador (GOES)

The GOES will provide financing for:

1. Implementation, development, supervision and evaluation of all activities planned in this project under the direct responsibility of the MOH;
2. Vehicles and vehicular support for survey work and training under this project as described in Section 4.1 (b);
3. Repair of at least 10 deficient water systems as part of the practical training under Component II;

4. Construction of water systems included as practical training for CPAR training in construction;
5. Administrative and personnel costs, supplies and equipment in accordance with 1980/82 Illustrative Budget in Attachment A of the Annex.

**ANNEX I**

**ATTACHMENT A**

**FINANCIAL PLAN OF THE PROJECT**



ILLUSTRATIVE BUDGET \*

	1980		1981		1982		TOTAL	
	GOES	AID	GOES	AID	GOES	AID	GOES	AID
I. Salaries	\$ 15,600		\$ 48,285		\$ 20,625		\$ 84,510	
II. Technical Assistance		\$ 26,250		\$140,300		\$ 71,500		\$238,050
III. Administration	40,627		59,707		46,477		146,811	
VI. Training		15,200	520	42,900	4,550	37,120	5,070	95,220
V. Commodities	60,000	3,000	30,000	66,000	50,000	13,000	140,000	82,000
VI. Other Costs				7,100				7,100
VII. Contingency		2,000		2,000		2,000		6,000
VIII. Inflation			13,851	25,630	25,547	25,541	39,398	51,171
TOTAL	\$116,227	\$ 46,450	\$152,363	\$283,930	\$147,199	\$149,161	\$415,789	\$479,541

\* Line items may be adjusted up to 15% with written approval of USAID/Health, Population, Nutrition Division

**ANNEX I**

**ATTACHMENT B**

**IMPLEMENTATION PLAN**

MOH - Ministry of Health  
 DAR - Rural Water Supply Department  
 ECS - National Health Training School

Related Component # or Admins. (A)	DESCRIPTION	DATES ON WHICH EVENTS ARE TO OCCUR	RESPONSIBILITY
A	1. GOES/USAID Project Agreement signed	September 28, 1979	USAID/GOES
A	2. Conditions Precedent to Disbursement met	November 1979	GOES/MOH
I, II, III	3. Technical Assistance Contract bid specifications completed for Components I, II, III	October - December 1979	MOH/DAR and USAID
III	4. Preparation for CPAR instruction, by subject, in-house	October 1979 - March 1980	USAID and MOH/DAR/ECS
I, II, III	5. Technical Assistance Bids received for components I, II, III	January - February 15, 1980	MOH/DAR
I, II, III	6. Bids reviewed and contracts negotiated, approved by USAID and awarded	February - March 15, 1980	MOH and USAID
I	7. Initial course and program preparation, by contractor, for operation and maintenance survey and analysis	March 15 - July 1980	MOH/DAR/ECS

III	8. Course preparation, by contractor, for CPARs	March 15 - May 1980	MOH/DAR/ECS
III	9. Training initiated (Part I) for 15 CPARs (includes field work)	May - September 1980	MOH/DAR/ECS
IV	10. Technical Assistance bid specifications completed for Appropriate Technology Study (Component IV) and approved by USAID	June 1980	MOH/DAR
I	11. Training program initiated for 15 water promoters; includes technical and community development training for operation and maintenance survey	August - September 1980	MOH/DAR/ECS
I	12. Operation and maintenance survey schedule organized	August - October 1980	MCH/DAR
IV	13. Component IV bids received, contracts negotiated, approved by USAID and awarded	August 1980	MOH/DAR and USAID

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A	14. First joint MOH/USAID Evaluation and PES preparation	October 1980	Joint Project Committee
IV	15. Appropriate Technologies Study initiated	October 1980	MOH/DAR
I	16. Operation and Maintenance Survey implemented	November 1980 - August 1981	MOH/DAR
III	17. CPAR Training Practicums (dry season)	November 1980 - May 1981	MOH/DAR/ECS
IV	18. Data from regional office specific to 800 applications assembled and categorized	November 1980	MOH
IV	19. 800 Applications reviewed	November - December 1980	MOH/DAR
IV	20. 50 sites selected for detailed investigation	December - January 1981	MOH/DAR
IV	21. On-site investigation of 50 sites carried out	January - March 1981	MOH/DAR
IV	22. Selection and design of 5-10 appropriate technologies	April - June 1981	MOH/DAR

II	23. Curriculums designed for O&M courses	April - September 1981	MOH/DAR/ECS
II	24. Operation and maintenance training initiated for community level personnel	September 1981-September 1982	MOH/DAR/ECS
IV	25. Appropriate Technology study completed with planning recommendations	April - August 1981	MOH/DAR
III	26. Training initiated (Part II) for CPARs.	May - September 1981	MOH/DAR
I	27. Tabulation and mapping of operation and maintenance survey information	July - September 1981	MOH/DAR
A	28. Second Joint MOH/USAID Evaluation and PES preparation	October 1981	Joint Project Committee
I	29. O&M Analysis and report recommending comprehensive maintenance program for DAR presented	August 1981 - December 1981	MOH/DAR
II	30. Electrician, plumbing and pump specialty training	August 1981 - April 1982	MOH/DAR/ECS
III	31. Training practicums for CPARs (dry season)	December 1981 - April 1982	MOH/DAR/ECS

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**ANNEX I**

**ATTACHMENT C**

**EVALUATION PLAN**

## EVALUATION PLAN

The Project will be monitored continually during implementation through quarterly joint GOES-MOH/USAID reviews of implementation status. These reviews will consider progress in implementation against benchmarks set forth on the following pages. Twice during the project implementation period full project evaluations will be held as scheduled in the Implementation Plan to review progress toward accomplishment of overall project objectives. A general plan for these in-depth evaluations including essential data to be gathered, means and timing of their collection and the analysis plan will be developed by the Joint MOH/USAID Project Implementation Committee within 90 days of the signature of the Project Agreement. At a minimum this plan will specify baseline, input and out-put data needed to measure project impact on the following indicators: number of beneficiaries served by improved water and sanitation facilities; degree of community participation in construction and operation of such systems; and effectiveness of training programs with special emphasis on the CPAR program. The plan will be developed in a manner that progress in these areas can be measured at intermediate periods in project implementation and the results can serve as the basis for the in-depth project reviews discussed above. Although it is expected that the contractors for Components I and II and for Component III will be responsible for development of detailed evaluation plans for those components, the "general plan" will provide essential input for the bid specifications and ensuing work scopes for the contracts.

Finally, in view of the rehabilitative nature of this approach to improvement of access to rural water and sanitation facilities, a post-hoc evaluation of certain aspects of the project will take place within one year of project completion. This evaluation, to be funded outside the project, will include (1) a comparison of operational capacity of different types of systems repaired or constructed using assistance of project trained personnel with that of a control group of projects included in the original O&M survey; (2) an assessment of the degree and effectiveness of community participation in both the control and test projects; and (3) an evaluation of skills, both technical and promotional, of the CPARs as demonstrated in the test areas.