

JUN 12 1975 198.

ACTION MEMORANDUM FOR THE ASSISTANT ADMINISTRATOR, LA

FROM : LA/MRSD, Donor M. Lion *D*,

SUBJECT: CARE OPG for Haiti: HACHO Potable Water

Problem: To approve a CARE OPG for Haiti for \$121,000.

Discussion: DAEC review of the OPG proposal chaired by Dave Lazar recommended approval subject to receipt of satisfactory information on several points. The requested information has been received and the DAEC recommends approval with stipulations regarding project evaluation and completion of the required Section 611 (A) and (B) of FAA (Engineering analysis and study).

Recommendation: That you approve the OPG for Haiti and the outgoing cable notifying the Mission of the approval.

Approve *[Signature]* Disapprove _____ Date 6/12/75

ARA-LA/MRSD/^{RP}RPatterson:6/10/75

Clearances:

- PHA/PVC:MRohla(draft)
- LA/DP:DERbe(draft), BGoldstein(substance)
- PPC/DPRE:JWelty(draft)
- CER/ENGR:CStevens(draft)
- LA/DR:RVenezia(draft)
- LA/CAR:Rhodes(draft)
- LA/GC:LLundy(draft)
- LA/OPS:PRomano(draft)
- LA/CEN:DLazar *[Signature]*



Department of State

TELEGRAM

UNCLASSIFIED 2398

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ACTION AID-31

INFO OCT-01 EB-07 L-03 /042 W

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FM AMEMBASSY PORT AU PRINCE
TO SECSTATE WASHDC PRIORITY 9977

UNCLAS PORT AU PRINCE 1372

AIDAC

E. O. 11652: N/A
TAGS: N/A
SUBJECT: CARE POTABLE WATER PROJECT (75-PVO-2)

REF: STATE 117266

1. PRIOR TO SELECTION OF A SPECIFIC PROJECT FOR INCLUSION IN THE AID-FINANCED PROGRAM A SIMPLIFIED ENGINEERING ANALYSIS AND STUDY WILL BE PREPARED WHICH IDENTIFIES AND JUSTIFIES THE PROJECT. INFORMATION WILL BE INCLUDED ON THE REASONS FOR SELECTION OF EACH PROJECT. AN EXECUTION SCHEDULE WILL BE DEVELOPED AND THE PLAN FOR ACCOMPLISHING THE DESIGN, CONSTRUCTION AND MAINTENANCE OF THE SYSTEMS WILL BE OUTLINED. USAID/HAITI REVIEW AND APPROVAL OF THIS DATA FOR EACH PROJECT WILL BE REQUIRED AS A CONDITION TO UTILIZATION OF AID GRANT FUNDS IF AID/W SO DESIRES. HOWEVER, PROJECTS ARE EXTREMELY SMALL IN SIZE AND CONTINUED REQUIREMENT FOR AID APPROVAL FOR EACH SUB-PROJECT TO BE IMPLEMENTED WILL SERIOUSLY DETRACT FROM VERY INITIATIVES AND FLEXIBILITIES SUPPORTED IN PVO/OPG PHILOSOPHY. RATE OF IMPLEMENTATION MAY ALSO BE SERIOUSLY HINDERED BY A SUB-PROJECT LEVEL IMPLEMENTATION APPROVAL PROCESS THROUGH LIFE PVO/OPG GRANT. PREVIOUS SIMILAR PROJECTS UNDERTAKEN BY CARE/HACHO DURING PAST SIX YEARS HAVE GENERALLY BEEN SUPPORTED BY LIMITED ENGINEERING STUDIES. PROJECTS INCLUDE:

- A- WATER SYSTEMS IN: ANSE ROUGE, JEAN RABEL, PETIT PARADIS, LIFTANG, ATREL, TI BOULE, GRAND PLATON, TERRE DES NEGRES
- B- IRRIGATION SYSTEMS IN: BAIE DE HENNE, SAVANNE CARREE, TROIS RIVIERES AREA.



Department of State **TELEGRAM**

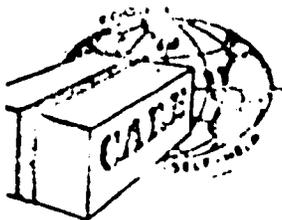
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AT THIS TIME. CARE/HACHO WILL CONTINUE TO SEEK MORE ACTIVE PARTICIPATION BY THESE INSTITUTIONS.

R. DISBURSEMENT OF AID FUNDS WILL BE MADE AT SAME RATION AS CARE/HACHO INPUTS. HOWEVER, PLEASE NOTE REMARK PARA ONE ABOVE. ACCORDINGLY IN VIEW DROUGHT/EMERGENCY CONDITION CURRENTLY TARGET AREA PER VIRIOUS SEPTELS, WE URGE AID/W FINAL APPROVAL PROJECT AND AUTHORITY PROCEED WITH AGREEMENT SOONEST.
TSHAM

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A-26
2/25/75

FONDATION CARE - PORT-AU-PRINCE, HAITI

12, AVENUE MARIE-JEANNE, CITE DE L'EXPOSITION
TELEPHONE : 2 - 2314 - P. O. BOX 773 - CABLE: CAREPORT

Project Title : CARE/HACHO Potable Water Project

Project Location : Haiti

PVO Name and Location : C.A.R.E., Inc., Haiti

Central Headquarters: C.A.R.E., Inc., New York, New York

Contact Person:

Date of Submission to A.I.D. : January , 1975

I PROJECT PURPOSE AND DESCRIPTION

- A) The purpose of this project is to assist HACHO with technical and material assistance
- 1) for surveying existing and potential community potable water sources/systems of communities in the HACHO area;
 - 2) for preparing projects to improve and/or construct these sources/systems;
 - 3) for determining the material requirements to improve or construct these systems/sources;
 - 4) for motivating communities to contribute to the improvement or construction of these system/sources; and,
 - 5) for providing the technical assistance and the materials required for the construction or improvement of these sources/systems.

In addition, technical training will be given to the HACHO community development staff on varying aspects of the provision of potable water, and the construction of potable water systems. Finally, limited material and technical assistance will be furnished to HACHO for developing small scale irrigation systems not funded by other outside sources.

- B) This project will be implemented over a period of two years, and will be continued if warranted. At the end of the initial two year period, it is expected that an estimated forty potable water systems will be constructed or improved.

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These systems will be provided only in areas where potable water is for public consumption, and where there is substantial community input for their improvement or construction.

- C) Project administration will be the responsibility of CARE and HACHO; and all project materials will be purchased through CARE. A French speaking Sanitary Engineer will be hired through CARE to provide full time technical direction to the project.
- D) The total value of this project will be \$178,604 (\$120,700 from USAID, \$48,124 from CARE, and \$9,780 from HACHO).

II PROJECT BACKGROUND AND JUSTIFICATION

A) General

The particular advantages of this project are the following:

- 1) The provision of potable water in the HACHO area is considered a high priority by HACHO's Haitian Director, the American staff assisting in the administration of HACHO, the technical staff involved in the daily operation of HACHO, and by the rural communities being served by HACHO.
- 2) There is a traditionally close and compatible working relationship between CARE and HACHO in carrying out development projects in the HACHO area;
- 3) There will be GOH participation in the project through HACHO, in the provision of materials and personnel for its implementation;
- 4) Community participation in the project is to be emphasized, thereby assuring grass-roots involvement in the project;
- 5) The project will be directed primarily at improving the sanitary conditions of large numbers of persons in Haiti's most depressed rural area;
- 6) CARE will be providing a substantial monetary input to the project, and will furnish Food For Work assistance to carry out the construction activities of the project; and,
- 7) This project carries the potential for repetition on other areas of HAITI.

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B) The Need for Potable Water

The GOH Ministry of Public Health estimates that approximately 3.5% of all deaths in Haiti are caused directly by water borne intestinal diseases; that this percentage is composed largely (86%) of children up to five years of age; that 15% of all hospital admissions are the result of intestinal disease; and, that only 17% of the Haitian population has access to potable water, while only .01% have access to adequate sewage facilities. Since these figures are country-wide, it is probably true that this situation is more severe in rural areas than in urban areas, where potable water is more common. In fact, in areas of the rural northwest served by them, HACHO records indicate that by far most common diseases treated at their clinics and mobile units are intestinal parasites and gastro-intestinal disorders.

C) HACHO's efforts in Preventive Medicine and the Provision of Potable Water

Since 1967, HACHO, using grants from the U.S. Government and financial assistance from the GOH, has programmed over two million dollars for administrating and providing medical services, and for carrying out community development projects, in Haiti's northwest. Of this amount, a great proportion has been spent on operating curative medical services. Over the years it has become increasingly evident to HACHO's administrators that the curative aspects of their program must be coordinated with a preventive medicine program, if their financial investment in programming is to have lasting value. It is for this reason that HACHO has turned more and more of its efforts toward preventive medicine, particularly in the area of the provision of potable water. Unfortunately, the lack of an adequate budget and the absence of personnel trained in the provision of potable water, have limited HACHO's programs in this area. Therefore, a project providing material and technical assistance for potable water programs, and which has a training aspect, is recognized by HACHO as being needed and wanted.

D) Need for Small Scale Irrigation Systems in HACHO area

Although this project will be directed primarily at the provision of assistance for potable water projects in the HACHO area, a limited amount of project effort will be directed toward opening small scale irrigation systems. HACHO has identified the need for small scale irrigation as an integral part of their effort in preventive medicine. That is, due to the high instance of malnutrition in the HACHO zone, HACHO feels it is necessary to improve agricultural production in that area. At present, the main obstacle to such improvement appears to be the lack of water for irrigation. Therefore,

In addition to carrying out potable water projects, HACHO would like to use the technical assistance provided through this project to open small scale irrigation systems which involve such things as: using the runoff from potable water sources; or introducing gravity flow irrigation from small mountain streams, which also serve as potable water sources.

III PROJECT ANALYSIS

A) Economic Effects

- 1) Determining the precise economics effects of this project are difficult because the relationship between this type of social overhead capital project and direct economic outputs are long term, and dependent heavily on other more dynamic economic movements. This project's primary goal is to improve the health of rural people in Haiti's northwest by the construction or improvement of potable water systems. Using the premise that healthier people, in the long run produce more efficiently than sick people, it is possible to state that this project will eventually contribute to economic improvement. At the same time, in measuring its economic value, health cannot be isolated from the dynamics of agricultural production and climatic conditions.
- 2) Since one of the activities of this project will be surveying existing irrigation systems, a direct monetary relationship between inputs and economic outputs can not be determined until the survey work is finished. However, project investments into small scale irrigation systems will occur only when economic improvements will occur.
- 3) The population group to be reached by this project will be a minimum of 40,000. (This is based on an estimation that 1,000 people will be served by each of the 40 potable water systems constructed). Each of these systems should have a minimum operating life of five years. Since the project's value is approximately \$200,000, project investment will be \$1 annually per person effected, over a period of five years.

B) Technology to be used

- 1) The potable water and irrigation systems to be constructed through this project will be simple and low-cost. The project requires the services of an hydraulic engineer capable of utilizing local materials and resources to construct these systems. The CARE mission has access to, and will hire, an engineer for this purpose. The majority of the construction work will be labor intensive, with only minimal capital inputs for such things as steel, cement, pumps, and piping.

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- 2) The major constraint to project implementation will most probably be in the area of logistics. However, given both HACHO's and CARE's experience working in the Northwest and moving materials in this area, any constraints in this area should be minimized.

C) Generating self-sufficiency

One of the primary objectives of this project will be to give technical training to community development workers and community leaders in the construction of small-scale potable water and irrigation systems. Thus, this project hopes to create a cadre of individuals capable of carrying out these types of projects, while using only limited out-side technical assistance.

D) Relationship of Project to Development Assistance Guidelines

- 1) Population : The population to be served by this project will be rural people living in Haiti's Northwest. As a group, the rural population of the northwest represent one of the poorest groups in Haiti. Their annual income is estimated to be well below the \$78 applicable to Haiti as a whole. In addition, health problems, and illiteracy are more severe there than in other areas in Haiti.
- 2) Tie in with other programs: HACHO, which is a GOH agency operating with the assistance of an A.I.D. grant, provides a variety of health and developmental services to the population of the northwest. This project is directed at meeting needs identified by HACHO, and will operate in co-ordination with it.
- 3) Potential for Project expansion: The need for inexpensive potable water and irrigation systems is acute throughout the northwest, and throughout Haiti as a whole. If this project proves successful it is highly probable that the principles it uses, the personnel it trains, and the implementation formula it develops, will be used for projects similar to it.

E) Institutionalization of Project Concepts

The major institutionalization effort of this project will be training Haitian personnel in the construction of low-cost potable water systems; and developing an implementation plan which can be used again as funds are available. The training will be given to HACHO community development personnel at construction sites, by the project engineer and his assistant. The purpose of this training will be to teach HACHO personnel how to identify potential potable water/irrigation system sites, how to make surveys of these sites, how to determine the type of work to be done, and how to make approximate estimates of material needs for carrying out inexpensive potable water/irrigation projects. Once this training is given, HACHO will be able to

use this group for carrying out similar projects in its area of operation.

IV PROJECT IMPLEMENTATION

This project will be implemented through the co-operation of USAID, HACHC, the communities where potable water systems will be constructed, and CARE.

A) The obligations of USAID will be:

- 1) To furnish a grant of \$120,700 over a period of two years (first year \$60,700, second year \$60,000) to CARE, to enable the employment of professional and administrative help, the payment per diem and travel expenses, the purchase of project administrative vehicle, and for the purchase of materials and the payment of skilled labor required for the project (\$2,000 x 40 sites). (A financial breakdown is given in Section VII).
- 2) To provide limited counsel and direction to CARE in administering this project.

B) The obligations of HACHO will be:

- 1) to supply, over two year period, an assistant to the project direct/engineer, secretarial help, office space, supplies etc., and vehicle maintenance expenses.
- 2) to co-ordinate with CARE in selecting sites to receive technical and material assistance;
- 3) to provide logistical and manpower support to the project where deemed appropriate;
- 4) to furnish liaison support between the project staff and communities in the HACHO area, and assist in motivating these communities to contribute to the project.

C) The obligations of the communities will be:

- 1) to contribute in-kind support (ie. sand, gravel, lime, rocks, etc.,) for the implementation of water projects in their communities;
- 2) to supply voluntary labor for carrying out non-skilled activities related to the construction of water systems in their communities.
- 3) to assure the proper upkeep of water systems improved or constructed in their communities.

D) The obligations of CARE will be the following:

- 1) to provide financing, over a two year period, for employing professional and administrative help, for meeting CARE's local and stateside overhead costs with relation to the project, for paying per diem costs, for supplying office space, supplies, etc., for assuring vehicle maintenance costs, and for covering miscellaneous professional services required by the project;
- 2) to hire a project director/engineer using its own funds and grant funds received from USAID;
- 3) to purchase all project materials, using a grant from USAID;
- 4) to identify the USAID and HACHO contributions for this project to the project recipients;
- 5) to supply quarterly reports to USAID on the progress of the project;
- 6) to co-ordinate closely with HACHO in implementing the activities of the project.
- 7) to provide Food For Work assistance for potable water systems construction.

V SCHEDULE OF PROJECT ACCOMPLISHMENTS

Below is an operation schedule for the accomplishment of the objectives of this project:

- A) Three months following project approval, (location, Port-au-Prince) : During this period CARE will hire local and international staff to carry out the project, and will set up the administrative structure to be used throughout the project. CARE will also purchase project vehicles and office supplies. When these steps are accomplished, the project will begin.
- B) First month of project, (location, Port-au-Prince) : The first month of the project will be directed at supplying basic orientation material to project staff. This will include examining basic country information, studying project files, meeting with people to be involved in project implementation.
- C) Second month through fifth month, (location, Northwest) : During this period,
 - 1) A general survey of the Northwest will be carried out;
 - 2) Technical assistance will be given to ongoing HACHO potable water and irrigation projects;

- 3) Communities will be motivated to participate in the project;
 - 4) An effort will be made to build a team of potable water technicians from among the HACHO staff;
 - 5) A determination of the forty potable water sites will be made;
 - 6) An estimation of the material needs for construction at these sites will be made; and
 - 7) Purchase of project materials will begin.
- D) Sixth month, (location, Port-au-Prince and Gonaives): During this month a specified implementation schedule for the construction aspect of this project will be drawn up.
- E) Seventh through twenty-second month, (Location, Northwest) : During this period,
- 1) forty potable water systems will be renovated or constructed;
 - 2) technical assistance will be given to ongoing HACHO potable water and irrigation projects;
 - 3) project staff will give technical instruction to HACHO staff on the construction of low-cost potable water and irrigation systems;
 - 4) Communities will be motivated to participate in project operations; and,
 - 5) an ongoing evaluation will be made of project accomplishments.
- F) Twenty-second through twenty-fourth month, (location, Port-au-Prince, Gonaives): During this period an expensive evaluation of project accomplishments will be made. This will require revisiting project potable water sites to determine the effectiveness of the systems constructed; evaluating the technical expertise of HACHO personnel involved in the project; and analyzing and determining the cost/benefit ratio of the project.

VI FINANCIAL SCHEDULE

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II. FINANCING**FIRST YEAR****SECOND YEAR**

ITEM	FIRST YEAR			SECOND YEAR		
	CARE	AID	HACHO	CARE	AID	HACHO
a. Salary for U.S. Engineer/Project Director	\$7,500	\$7,500		\$7,500	\$7,500	
b. Local Assistant to U.S. Director			\$1,800			\$1,800
c. Secretary/Acct. Part-time	\$1,200		\$ 600	\$1,200		\$ 600
d. CARE/Haiti U.S. Backup Staff	\$4,000		\$	\$4,000		\$
e. International Travel (round-trip ticket from U.S. to Haiti for Engineer		\$ 500			\$ 500	
f. Internal Travel for Engineer (\$5 x 250 days x 2 years)		\$1,250			\$1,250	
g. Engineer's Per Diem (\$13 x 365)	\$4,750				\$4,750	
h. Local Assistant Per Diem (\$5.00 x 250 days)		\$1,250		\$1,250		
i. Office Space	\$ 300		\$ 300	\$ 300		\$ 300
j. Office Supplies (\$50 x 12 months)			\$ 600			\$ 600

VII. FINANCINGFIRST YEARSECOND YEAR

ITEM	FIRST YEAR			SECOND YEAR			
	CARE	AID	HACHO	CARE	AID	HACHO	
K. Telephone Telegraph-Post (\$20 x 12)	\$ 120		\$ 240	\$ 360	\$ 120	\$ 240	\$ 360
L. Office Furniture			\$ 250	\$ 250		\$ 250	\$ 250
M. Vehicle Purchase (Jeep)		\$ 4,200		\$ 4,200			
N. Vehicle Maintenance	\$1,100		\$1,100	\$ 2,200	\$1,100	\$ 1,100	\$ 2,200
O. Misc.Prof.Expenses	\$1,000			\$ 1,000	\$1,000		\$ 1,000
P. Construction materials (i.e. cement, pipes, pump, transport and skilled laborers \$2,000 x 40 work site		\$40,000		\$40,000		\$40,000	\$40,000
Q. Inflation Contingency 15% on \$80,000)	4,2	\$ 6,000		\$ 6,000		\$ 6,000	\$ 6,000
R. <u>SUB TOTAL</u>	\$19,970	\$60,700	\$4,890	\$85,560	\$16,470	\$ 4,890	\$81,360
CARE/New York Overhead 7% of total line R.	2 \$ 5,989	include 2.5 %		\$ 5,989	\$ 5,695		\$ 5,695
<u>T O T A L</u>	\$25,959	\$60,700	\$4,890	\$91,549	\$22,165	\$ 4,890	\$87,055

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VII. FINANCING

TWO YEAR PROJECT BREAKDOWN BY AGENCY

CARE	\$ 48,124 (27%)	- 44.8
AID	\$120,700 (68%)	120.7
HACHO	\$ 9,780 (5%)	9.8
<u>TOTAL</u>	<u>\$178,604</u>	<u>175.3</u>

VII. FINANCING

TWO YEAR PROJECT BREAKDOWN BY AGENCY

CARE	\$ 48,124	(27%)
AID	\$120,700	(68%)
HACHO	\$ 9,780	(5%)
<u>TOTAL</u>	<u>\$178,604</u>	

II PROOF OF GOV SUPPORT OF PROJECT

Attached please find letters of correspondence between CARE and HACHO related to this project. In addition, George Mathues of CARE and Dr. William Fougère, the director of HACHO, discussed this project with Scott Ehoteguy, of AID, on August 23, 1974. At this meeting Dr. Fougère expressed his strong support of the project.



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ORIGIN AID-20

INFO OCT-01 /021 R

DRAFTED BY 06/11/75 EXT 22491
APPROVED BY ARA-AA/LA:HKLEINE
LA/MRSD:DMLION(DFT)
LA/DP:ERBE/GOLDSTEIN(DFT)
LA/DR:RVENEZIA(DFT)
LA/CAR:WRHODES(DFT)
LA/GC:LLUNDY(DFT)
LA/OPG:PROMANO(DFT)
LA/CEN:DLAZAR SER/ENGR:CSTEVEN
PHA/PVC:MKOHLA(DFT) PPC/DPRE:JWELTY

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TO AMEMBASSY PORT AU PRINCE PRIORITY

UNCLAS STATE 137908

AIDAC

E.O. 11652: N/A

TAGS:

SUBJECT: CARE OPG POTABLE WATER PROJECT (75-RVO-2)

REF: A) STATE 117266; B) PORT AU PRINCE 1372

1. SUBJECT OPG IS APPROVED FOR A TOTAL OF 121,000 DOLS FUNDING; 61,000 DOLS IN FY 75 WITH FOLLOWING STIPULATIONS:

A. SECTION 611(A) AND (B) OF FAA MUST BE MET. AS DESCRIBED IN REF (A) ANALYSIS REQUIRED BEFORE GRANT SIGNING IS TO COVER ASPECTS OF TOTAL PROJECT. SPECIFIC SUB-PROJECT ANALYSIS AND APPROVAL WOULD BE ACCOMPLISHED BY THE MISSION AND WOULD BE INCLUDED AS A CONDITION PRECEDENT TO IMPLEMENTATION OF EACH SUB-PROJECT.



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B. EVALUATION COMPONENTS OF THE PROPOSAL MUST BE STRENGTHENED/REDESIGNED TO SATISFY AID/W REQUIREMENTS ASAP BUT NOT 30 DAYS AFTER SIGNING OF GRANT. AID/W PERSONNEL AVAILABLE TO ASSIST CARE/NY IN THIS MATTER BUT INITIATIVE REMAINS WITH CARE TO COMPLETE THE REQUIREMENT.

2. CONGRESSIONAL NOTIFICATION LETTER HAS BEEN SENT TO CONGRESS. MISSION WILL BE GIVEN ALLOTMENT ON/ABOUT JUNE 17.
KISSINGER



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ORIGIN AID-31

INFO OCT-81 EB-87 L-83 AS-81 /7843 R

DRAFTED BY ARA-LA/MRSD/800:RPATTERSON/LA/DP:DERBE

APPROVED BY ARA-LA/MRSD:DMILION

LA/MRSD:HZAK (DFT)

LA/CAR:HRHODES (DFT)

LA/GC:LLUNDY (DFT)

SER/ENGR:CSTEVENS (DFT)

DESIRED DISTRIBUTION

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FM SECSTATE WASHDC

TO AMEMBASSY PORT AU PRINCE PRIORITY

UNCLAS STATE 144896

AIDAC

E.O. 11652: N/A

TAGS:

SUBJECT: CARE OPG POTABLE WATER PROJECT

REF: A) STATE 137988; B) PORT AU PRINCE 1372

FURTHER TO REF A WHICH APPROVED SUBJECT OPG, AID/W AGREES THAT SUB-PROJECT ANALYSES TO SATISFY SECTION 611 (A) AND (B) SHOULD BE CARRIED OUT BY CARE. USAID WOULD NOT CARRY OUT SUB-PROJECT ANALYSES BUT IT WOULD REVIEW THEM TO DETERMINE THAT PROCEDURES SET FORTH IN CARE/USAID AGREEMENT HAD BEEN FOLLOWED AND THAT ANALYSES ARE PROPER. PROMPT REVIEW OF ANALYSES SHOULD HAVE LITTLE OR NO EFFECT ON RATE OF PROJECT IMPLEMENTATION. KISSINGER

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