

PSBBH 265



UNITED STATES OF AMERICA

AGENCY FOR INTERNATIONAL DEVELOPMENT

REGIONAL ECONOMIC DEVELOPMENT SERVICES OFFICE, WEST AND CENTRAL AFRICA



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Mr. David Shear
Director
ORT International Cooperation
Suite 320
2025 Eye Street, N.W.
Washington, D. C. 20006

Subject: Cooperative Agreement No. [REDACTED]-A-00-7021-00

Dear Mr. Shear:

Pursuant to the authority contained in the Foreign Assistance Act of 1961, as amended, the Agency for International Development (hereinafter referred to as "A. I. D.") hereby grants the Cooperative for American ORT Federation (hereinafter referred to as "ORT" or "Recipient") the sum of \$2,592,800 to implement the Lake Chad Agricultural Development and Farmer Training Project in collaboration with the Government of Chad as fully described in Attachment 1, entitled "Schedule," and Attachment 2, entitled "Program Description."

This Cooperative Agreement is effective and obligation is made as of the date of this letter, and shall apply to commitments made by the Recipient in furtherance of project objectives during the period beginning December 1, 1986 and ending not later than September 30, 1989.

This Cooperative Agreement is made to ORT on condition that the funds will be administered in accordance with the terms and conditions as set forth in Attachment 1 entitled "Schedule," Attachment 2 entitled "Program Description," Attachment 3 entitled "Standard Provisions," and Attachment 4 entitled "Optional Standard Provisions for U.S., Nongovernmental Grantees," which have been agreed to by your organization.

Please sign the original and seven (7) copies of this letter to acknowledge your acceptance of the Cooperative Agreement, and return the original and six (6) copies to the AID Agreement Officer indicated below.

Sincerely,



Mary Reynolds
Agreement Officer
REDSO/WCA
Abidjan (ID)
Department of State
Washington, D.C. 20520

Attachments:

1. Schedule
2. Project Description
3. Mandatory Standard Provisions
4. Optional Standard Provisions for U.S., Nongovernmental Grantees
5. Application from ORT, "Lake Chad Agricultural Development and Farmer Training Project," dated November 1986 (attached by reference)

ACKNOWLEDGED:

American ORT Federation

By : Donald H. Kle
Title : Exec. V.P.
Date : 6/8/87

FISCAL DATA

Appropriation	:	72-11X1012
Budget Plan Code	:	GSHX-85-21677-KG13
PIO/T No.	:	677-0051-3-60037
Project No.	:	677-0051
Total Estimated Amount	:	\$2,592,800
Total Obligated Amount	:	\$2,592,800
DUNS Number	:	076828706
IRS Employer Identification Number:	:	13-5562969
LOC-FRB Number	:	72001452
Funding Source	:	USAID/Chad
Technical Office	:	USAID/Chad



SCHEDULE

A. Purpose of Agreement

The purpose of this Cooperative Agreement is to provide support for ORT's implementation of the Lake Chad Agricultural Development and Farmer Training Project in collaboration with the Government of Chad, as more specifically described in Attachment 2 of this Agreement entitled "Program Description." The project will be implemented as a sub-project funded under the USAID/Chad PVO Development Initiatives Project (677-0051).

B. Period of Agreement

1. The effective date of this Cooperative Agreement is the date of this letter and shall apply to commitments made by the Recipient beginning on December 1, 1986. The estimated completion date is September 30, 1989.
2. Funds obligated hereunder are available for estimated project expenditures for the period beginning December 1, 1986 and ending September 30, 1989 as indicated below in the Financial Plan.

C. Amount of Agreement

1. The total estimated amount of this Cooperative Agreement for the period indicated in Section B.1 above is \$2,592,800.
2. A.I.D. hereby obligates the amount of \$2,592,800 for project expenditures during the period set forth in Section B.2 above and as indicated below in the Financial Plan.

D. Financial Plan

1. The following table presents the financial plan for this Agreement. Revision to this plan may be made in accordance with the Standard Provision of this Cooperative Agreement entitled "Revision of Grant Budget."

FINANCIAL PLAN

<u>Line Item</u>	<u>Total</u>
Expatriate Technical Assistance Salaries and Fringe Benefits	\$ 589,139
Int'l Travel, Transportation and Per Diem	\$ 111,462
Local Travel	\$ 44,058
Housing	\$ 107,328
Local Hire Personnel Salaries and Fringe Benefits	\$ 198,419
Construction	\$ 176,672
Training	\$ 76,084
Vehicles, Equipment, Furnishings & Supplies	\$ 624,977
Home Office Salaries and Fringe Benefits	\$ 93,857
Overhead	\$ 71,773
Consultants	\$ 147,217
Evaluation	\$ 43,285
Other Direct Cost (ODC)	\$ 201,552
Peace Corps	\$ 106,977
TOTAL	\$2,592,800

Note: \$244,886 in PIO/T line item entitled "Contingency" has been equally distributed to all other line items.

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2. Total A.I.D.-funded expenditures shall not exceed the total amount of funds obligated under this Agreement. However, within the total amount of funds obligated, the Recipient may adjust line items within each category within a margin of 15 percent without prior written approval of the AID Representative provided that the total amount of the Cooperative Agreement shall not exceed the amount of funds obligated.

E. Method of Payment

Payment shall be made to the Recipient in accordance with the procedures set forth in Attachment 4, Optional Standard Provisions: "Payment - Letter of Credit" (November 1985).

F. Reporting

1. Financial Reporting

Financial reporting shall be made in accordance with the requirements discussed in Attachment 4, Optional Standard Provisions: "Payment - Letter of Credit" (November 1985).

In addition, since Letter of Credit reports are not generally received by USAID/Chad in a timely fashion, the Recipient shall submit a certified quarterly financial report to the USAID/Chad Project Officer. Information submitted on this report must be presented by cooperative agreement line item in the following format:

<u>Project Budget</u>	<u>Expenditure This Period</u>	<u>Previous Expenditure</u>	<u>Total Expenditure To Date</u>
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The quarterly report must be submitted within thirty (30) days of the close of each quarter.

2. Annual Workplans

Within ninety days after the arrival of the Recipient's designated Chief of Party, the Recipient shall submit for USAID/Chad's approval a complete workplan for the first year of project implementation. A workplan for the second and third years of project implementation shall also be submitted no later than eight weeks in advance of the beginning of those project years. Each annual workplan shall include a detailed discussion of project activities which will be undertaken during the year with specific reference to required project inputs to be provided by ORT, the Government of Chad, A.I.D. and any other sources. The workplan shall also include a detailed calendar of activities, indicating the anticipated completion of specific activities by month.

3. Quarterly Progress Reports

The Recipient shall also submit quarterly progress reports to USAID/Chad. The narrative section of the report shall include a detailed discussion of the project activities which have been initiated, completed and are in progress during the period, with specific reference to the achievement of implementation targets presented in the annual workplan. In addition,

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on-going or anticipated problems related to implementation shall be frankly discussed and resolutions to problems shall be proposed. ORT's project team trip reports, consultants' reports and any other special reports and studies which have been completed during the reporting period shall be attached to the quarterly progress report. The reports shall be submitted in both English (three copies) and French (three copies) no later than fifteen days after the end of the quarter.

4. Evaluation Reports

(a) A formative (in-progress) evaluation of the project will be scheduled after eighteen months of implementation. The evaluation team will be composed of three to four members, including technical specialists and an evaluation specialist. The terms of reference for the evaluation, the composition of the team, exact timing of the evaluation and external recruitment of the team members shall be agreed upon jointly by ORT, the Government of Chad and A.I.D.

The evaluation will focus on progress to date in achieving the project's goal, purposes and outputs. Project inputs provided by ORT, the Government of Chad and A.I.D. will also be validated as being sufficient in quality and quantity to achieve the project outputs. If there are deficiencies, in collaboration with the interested parties, the evaluation team will recommend remedial actions which can be undertaken within the remaining period of the project.

It is estimated that the evaluation will be completed over a period of three to four weeks, including site visits, interviews and preparation of the report which will be presented and discussed prior to departure of the team from Chad.

(b) A final evaluation of the project will be scheduled several months before the scheduled completion of the project. The approach for completing the evaluation will be the same as that discussed above for the formative evaluation. Most importantly, however, the final evaluation will assist the Recipient in deciding whether or not follow-on support in the project area is warranted.

5. Other Reports

The Recipient agrees to submit to USAID/Chad any other reports as may be reasonably requested. The Recipient also agrees to share with USAID/Chad any reports which have a bearing on the successful implementation of the project.

G. Indirect Cost Rate

Pursuant to Attachment 4, Optional Standard Provisions: "Negotiated Indirect Cost Rates," a rate or rates shall be established for each of the Recipient's accounting periods during the term of this Agreement. Pending establishment of final indirect cost rates for the initial period, provisional payment on account of allowable indirect costs shall be made on the basis of the following negotiated provisional rate applied to the bases which are set forth below.

<u>Type</u>	<u>Rate</u>	<u>Base</u>	<u>Period</u>
Provisional	30%	Base field salaries plus base backstopping salaries	1-1-86 Until amended

If the overhead rate is later adjusted, the total obligated amount of \$2,592,800 remains in force unless this Cooperative Agreement is otherwise amended.

H. Title to Property

Standards provisions related to title to and use of property are included in Attachment 4, Optional Standard Provisions: "Title to and Use of Property (Grantee Title)" (November 1985).

I. Authorized Geographic Code for Procurement

The Recipient shall procure goods and services financed by this Agreement in accordance with Attachment 4, Optional Standard Provisions: "Procurement of Goods and Services" (November 1985) and "AID Eligibility Rules for Goods and Services" (November 1985).

A blanket source and origin waiver for vehicles, motorcycles and spare parts was approved by A.I.D. concurrent with authorization of the PVO Development Initiatives Project. Most project commodities will be procured in Chad and from countries included in AID Geographic Code 941. Source and origin waivers for procurement from countries other than Chad and Code 941 countries which will be financed under this Agreement will be requested by the Recipient on a case-by-case basis in the course of project implementation.

J. Alterations and Additions to Standard Provisions

The mandatory standard provisions applicable to this Cooperative Agreement are attached as Attachment 3. In addition, the following additional standard provisions are applicable and are attached as Attachment 4:

- Payment - Letter of Credit
- Air Travel and Transportation
- Ocean Shipment of Goods
- Procurement of Goods and Services
- AID Eligibility Rules for Goods and Services
- Subagreements
- Local Cost Financing with U.S. Dollars
- Patent Rights
- Publications
- Negotiated Indirect Cost Rates - Provisional
- Regulations Governing Employees
- Participant Training
- Protection of the Individual as a Research Subject
- Title to and Use of Property (Grantee)
- Title to and Care of Property (Cooperating Country Title)
- Use of Pouch Facilities
- Conversion of United States Dollars to Local Currency

When the Standard Provisions are applicable for cooperative agreements, the following terms apply:

- "Grantee" means "Recipient"
- "Grant" means "Cooperative Agreement"
- "AID Grant Officer" means "AID Agreement Officer"
- "Subgrant" means "Subcooperative Agreement"
- "Subgrantee" means "Subrecipient"

K. Special Provisions

1. USAID/Chad reserves authority to review nominations for each of the long-term positions which will be financed under this Cooperative Agreement and to collaborate with ORT on the final selection of the best-qualified candidates. In addition, USAID/Chad requires that the Chief-of-Party of the long-term advisory team be a U. S. citizen.
2. In accordance with standing USAID/Chad policy, USAID/Chad's approval must be sought for all travel outside of N'Djamena.
3. In the event of an evacuation order from N'Djamena and/or outlying areas of the country which may be issued by the U. S. embassy, the Recipient's evacuation plan will go into effect. The Recipient's evacuation plan shall be jointly reviewed with AID on an annual basis.
4. USAID/Chad will designate a Project Officer who will monitor implementation of the project and provide guidance and clarification concerning the terms and provisions of this Cooperative Agreement.
5. The Recipient shall adhere to all monitoring, mitigation and related provisions of the Recommended Environmental Action section of the Initial Environmental Examination (IEE), as amended by the REDSO/WCA Regional Environmental Officer's memorandum of January 26, 1987 to the Recipient's Administrative Officer, and as further amended by Section 4.0, Mitigation Summary, of the Regional Environmental Officer's March 1987 impact report entitled "Effects of Water Management Interventions on Salinization, Waterlogging, Groundwater Drawdown and Water-Related Disease Incidence Rates in Chad."
6. The Recipient shall not expend AID funds to encourage traditional pastoralists to give up their traditionally nomadic way of life to pursue agriculture in the internally drained wadis of the Lake Prefecture, nor shall the Recipient expend AID funds to encourage any person to settle in internally drained wadis of the Lake Prefecture which are not currently used for irrigated agricultural production.
7. With specific reference to water management activities which will be undertaken during implementation of the project, the Recipient will select one or more of the water-lifting/water-pumping technologies which are recommended for testing in "Water-Lifting/Water-Pumping Study - Chad," by IT Power, Inc. (August 1986). Copies of this study are available in USAID/Chad.
8. Accommodation exchange privileges will be offered to the Recipient as authorized by the Embassy.
9. Access to the diplomatic pouch for first-class personal mail will be offered to the Recipient as authorized by the Embassy.
10. Access to the services and facilities of the Embassy Health Unit will be offered to the Recipient to the extent authorized by the Embassy.

A. SUMMARY PROJECT DESCRIPTION

This three-year development project will enable wadi farmers in the Ngouri Sub-Prefecture to expand their production by increasing not only the number of hectares under cultivation, but also per hectare yields. This will be accomplished by:

- introducing improved pumping systems for irrigation;
- improving traditional agricultural practices; and
- strengthening SODELAC's extension capabilities.

By the end of the project one or more replicable models for small-farmer irrigation in wadis or similar areas will also be identified. The compilation and analysis of baseline data on improvements in yields due to the adoption of various agricultural packages will be a priority throughout the life of the project. From the beginning of the project, on-site practical tests will be undertaken to determine the most suitable among alternative pumping technologies. Various pumping systems will be tested in terms of water output, social acceptability, ease of local manufacture, ease and cost of maintenance and economic viability. Concurrently, improved agricultural techniques and practices will be introduced to increase agricultural production using the shaduf water-lifting device which is currently in use in the wadis. By Year Two, the project will push toward wider adoption of alternative improved pumping system(s).

The project will be implemented in five wadis in the first year, ten wadis in Year Two and ten more in Year Three. By the end of the project, a sizeable amount of data will have been collected and analyzed, and experience will have been gained on improved wadi agriculture. This knowledge will be useful in identifying one or more technical packages which can be employed in the hundreds of wadis in the region and in other areas, such as Lake Fitri, where similar conditions exist.

Maintenance of the environmental equilibrium in the wadis will be fundamentally important for the long-term viability of the project. Therefore, the environmental effects of project interventions will be carefully monitored through analysis of water recharge and salinization data. Salinization control methods will be employed to help increase yields and protect the wadis from the increased salinization which may result from increased irrigation. Furthermore, the project's agro-forestry interventions, such as planting windbreaks, will help stabilize and protect the dunes around the wadis.

The approach of the project will be to work with wadi farmers to find solutions to their agricultural problems. A self-help philosophy will be emphasized, with farmers contributing in one form or another towards the implementation of all interventions. This approach will help assure the long-term sustainability of the project benefits.

ORT's long-term technical advisory team will include a Chief-of-Party/Administrative Officer (36 months), an Agronomist (33 months), a Rural Works Engineer (30 months) and a Pump Specialist (18 months). The counterpart agency will be the Lake Chad Development Corporation (SODELAC), whose agents will play a central role in teaching area farmers improved farming techniques. It is also planned that six Peace Corps Volunteers (PCVs) will participate in the project to provide technical support in forestry, well construction, pump technology and health.

B. PROJECT OBJECTIVES

1. Sector Goal

The sector goal of the project is to increase the amount and dependability of food production in Chad.

2. Project Purposes

The project has two purposes: (a) to increase wadi food production in the Ngouri Sub-Prefecture, while maintaining or improving soil fertility, and (2) to identify models for increased wadi food production which will be replicable under similar conditions (e.g., other wadis, dry polders and Lake Fitri).

Increased wadi food production in the Ngouri Sub-Prefecture will be possible by both increasing the yields currently obtained and increasing the number of hectares under cultivation. Wadi yields are expected to increase from the current 600-700 kg/ha for wheat and corn to 2,000 kg/ha by the end of the project. Irrigated millet yields should also increase substantially, from 600-700 kg/ha to 1,000 kg/ha. Vegetable production is expected to increase by at least 40 percent over current yields. Also, within the project area, the surface area of some wadis is already 70 percent or more under cultivation, while others have been abandoned due to the difficulty of lifting water by shaduf. Depending on which wadis are selected, an estimated 100-200 additional hectares on about 25 wadis will come under cultivation during the three years of the project. It is estimated that, seven years after project start-up, the total cultivated area directly affected by the project could be 600 hectares.

Besides increasing agricultural production, the project will also maintain or improve soil fertility and will maintain environmental equilibrium with the introduction of improved water and agro-forestry management techniques.

3. Project Outputs

There will be eight project outputs.

(a) Improved waterlifting technologies introduced, tested, and adopted

A primary constraint in irrigated wadi agriculture, as currently practiced, is the insufficient discharge of the traditional shaduf. An improved waterlifting device which is economically sustainable, ecologically benign, technically feasible and socially acceptable is needed. At least two types of pumps appear to meet these criteria - the rower pump and treadle pump. These known technologies will be introduced to the Ngouri area, tested for their relative adaptability to the local situation, and then, depending on the results of the tests, promoted for adoption by the local farmers. The use of

these pumps will probably require the installation of improved traditional wells and tubewells. For this reason, during the initial stage of the project, the project team will gather detailed information on water yields from the traditional wells and will also train one or more crews in the installation of tubewells.

(b) Improved farming techniques introduced and adopted

The second most limiting factor in the traditional irrigated wadi agricultural system is the lack of use of improved farming techniques. The following are just some of the changes which might improve yields:

- adoption of a long-handled hoe over the traditional daba would permit deeper tillage and better soil preparation;
- use of organic farming techniques, such as mulching and composting, would help decrease the rate of evaporation and increase soil fertility;
- adoption of recommended cropping dates; and
- use of the right amount of seed per hectare.

The Agronomist and SODELAC extension agents will introduce improved farming techniques to wadi farmers, permitting them to obtain better crop yields.

(c) Improved farmer extension services available

Extension services are provided to wadi farmers by SODELAC. In most cantons, SODELAC has one agent. Due both to staffing constraints and limited resources, however, some agents must currently serve two cantons. The agents have trouble visiting area farmers, since they do not all have a means of transportation. This specific problem of mobility will be addressed by providing agents with horses and a feed/health care allowance for each horse. The agents will also receive on-the-job training from the Agronomist, Rural Works Engineer and Pump Specialist. An estimated eleven agents will also receive 5-8 week third-country training in Senegal.

(d) Methodology of salinization control established

One criterion for wadi site selection will be the low saline content of the groundwater, as this content varies from wadi to wadi. The project will closely monitor salinity levels to determine if project interventions are increasing salinity. Within a closed ecological system such as the wadi, salts cannot be easily flushed out of the system. However, by improving the efficiency of traditional salinity control methods (i.e., scraping off the top layer of salinized soils and putting areas to fallow), the salinity problem will be mitigated. The efficiency of the traditional system may also be improved by introducing better tools. The use of improved irrigation techniques may also help control salinization, i.e., by sufficiently increasing the quantity of water used, salts may be leached down below plant root level.

(e) Agro-forestry program established

Most wadis in the project area are being encroached upon by advancing dunes. The agro-forestry intervention will help stabilize dunes and create windbreaks to protect wadis. In some cases, these actions should help recover areas of wadis which have been put out of cultivation due to deterioration of the ecological system. Fruit trees will also be made available to wadi farmers, some of whom already grow dates and limes. Over the long-term, the forestry interventions, by bringing more trees to the area, will also assist local residents meet their firewood and construction demands.

(f) Pump maintenance training given to farmers, and local pump manufacturer(s) assisted in starting a business

Farmers will be trained in the maintenance of whatever pumps are introduced to the project area. A workshop in Ngouri will be built where training in pump maintenance can take place. In N'Djamena, ORT will work with Volunteers in Technical Assistance (VITA) to identify entrepreneurs whose workshops have the potential to manufacture appropriate pumps and who are interested in taking on a new product line. VITA may make credit available to these entrepreneurs to buy initial materials and tools for pump construction. ORT's Pump Specialist will give extensive on-site training in pump construction to the entrepreneurs.

(g) Credit program established for equipment manufacture and for agricultural production

If supplementary funding is available, ORT intends to establish a credit program to enable entrepreneurs to obtain the necessary tools and supplies to manufacture pumps. Depending on the availability of funds and demand, credit may also be available to area farmers for purchase of pumps and well construction materials. Other related activities may also be considered for credit, e.g., credit to a merchant to purchase a truck to transport produce to market.

(h) Health impact of wadi irrigated agriculture monitored

One potential negative effect of improved irrigation is that an increased amount of available water may increase the prevalence of water-borne diseases. For this reason, the project team proposes to monitor the health impact of the project.

C. PROJECT COMPONENTS

The project will have two overlapping yet distinct phases. The first phase, covering approximately the first twelve months of the project, will involve establishment of the operational bases for project activities, baseline data collection, testing of techniques and technologies, and establishing the capabilities to begin the dissemination phase (Phase Two) of the project. The second phase of the project will focus on extending to area farmers the technical packages identified and developed in Phase One. A discussion of each phase is presented below.

1. Phase One

(a) Collection of baseline data

There have been a substantial number of studies done on the Lake Chad area. Unfortunately, however, many documents have been lost and are no longer available in Chad. One of the project's first activities will be to obtain copies of relevant documents from the Office de la Recherche Scientifique et Technique d'Outre-Mer (ORSTROM), the World Bank, the Lake Chad Basin Commission (Commission du Bassin du Lac Tchad, CLBT) and others to establish a small library of reference materials in Ngouri. At the end of the project, the documents will become the property of SODELAC.

Most studies have focused on the lake polders and water-pumping directly from the lake. Little research has been done on wadis. In Phase One, baseline studies on wadis and people in the project zone will be conducted to:

- gain a better understanding of the wadi system in order to better implement the project; and
- gather baseline data as a point of reference to gauge the benefits of project interventions.

Baseline data on health, social, economic, and technical factors will be gathered.

(b) Manufacture and testing of pumps

A key activity will be the identification of at least one privately-owned workshop in N'Djamena which will manufacture pumps. To facilitate their construction and accelerate their testing, several prototype pumps will be procured as models for the N'Djamena-based manufacturers and to test in the initial five wadis. Information on user acceptance and pump performance will help suggest modifications in pump design and determine which models are chosen for dissemination in Phase Two.

Testing will be done in each of the wadis with the participation of farmers chosen by the village chief. For their willingness to experiment with a prototype pump and to be questioned at length regarding all aspects of their farming operation, the farmers will have free use of the pump for one year. At the end of that period, each farmer will be given an option to buy a new pump at cost, buy the prototype at cost-minus-depreciation, or simply return the pump to the project inventory.

(c) Adoption of improved agricultural techniques

The Agronomist will begin immediately to disseminate information on some improved agricultural techniques (e.g., the recommended quantity of seed per hectare). Other interventions, like adoption of a long-handled hoe, will take more time since local blacksmiths will have to construct the hoes. As with the prototype pumps, the project technicians will arrange for certain farmers to experiment with the improved techniques, while other farmers, as a control, will continue to farm in the traditional manner.

(d) Collection of well recharge data, and establishment of tubewell installation capability

The Rural Works Engineer will carefully compile well recharge and yield data to help determine the best type of pump to use in the wadis. The local capability to install tubewells will be developed by the Rural Works Engineer and the two well construction PCVs as they install tubewells in each of the five Phase One wadis.

(e) Monitoring of salinization

The Rural Works Engineer will survey area wadis, and the level of salinization will be one of the prime technical criteria for wadi site selection. Monitoring will continue throughout both phases of the project.

(f) Establishment of a credit program

Credit to entrepreneurs to purchase the tools and equipment necessary to construct pumps may be available during Phase One. If so, the project team will identify three or four entrepreneurs to train in the manufacture of pumps. Entrepreneurs who successfully complete the training program will be given a certificate to that effect. The project will then place orders guaranteeing purchase of a certain number of pumps made to rigid specifications. The Pump Specialist will continue advising the entrepreneurs through the end of his tour.

2. Phase Two

(a) Dissemination of pumps to wadis

Based on the lessons learned in Phase One, the project team will choose the one or two of the most appropriate pump models for use by wadi farmers. To encourage their adoption, the pumps may be partially subsidized at first. This subsidy, however, will be phased out by the end of the project. At first it will probably be necessary for the project team to assure transport of pumps to Ngouri and their sale to area farmers. By the end of the project, an Ngouri-based entrepreneur willing to handle these tasks will be identified.

(b) Improvement of well construction capabilities

Introduction of an improved well will necessitate better well construction capabilities. There are two options: either to deepen and improve existing wells or to introduce tubewells. Working with two PCVs, the Rural Works Engineer may experiment with improving traditional wells by, for example, deepening them and lining the lower part with bricks. The advantage of this option is that it involves less effort since it does not introduce a new technology. Unfortunately, merely deepening wells may not sufficiently increase water yields. Whether or not traditional well improvement is attempted, the Rural Works Engineer will establish tubewell construction capabilities. Local entrepreneurs who are interested in providing tubewell installation services will be identified. The entrepreneurs will purchase the necessary equipment and hire teams of 3 or 4 to install the tubewells. Training will be provided by the PCVs working under the direction of the Rural Works Engineer. At first the project will subsidize the cost of materials for well construction, but the farmer who purchases the pump and the tubewell will have to pay for the labor. By the end of the project, all subsidies will be removed.

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(c) Pump maintenance training

SO DELAC extension agents will receive training in pump maintenance, permitting them to extend this knowledge to area farmers who purchase the pumps. Local blacksmiths will also be given simple training in pump repair (replacement of gaskets, repair of pedals, etc.)

(d) Initiation of an agro-forestry program

The agro-forestry program will start in the second year. Two PCV foresters will be responsible for setting up a nursery and beginning an active forestry program in collaboration with SO DELAC and the Ministry of Water and Forest Resources. Seedlings will be obtained from the Ministry's nursery in Bol.

(e) Continued dissemination of improved agricultural techniques

The agricultural extension effort, begun in Phase One, will be extended to the twenty additional wadis brought into the project during Years Two and Three. Based on the experience in Phase One, the most useful and readily adopted techniques will be given the most attention.

(f) Continued salinization control

Salinization monitoring, begun during Phase One, will continue throughout the project. If salinization increases in project wadis, interventions such as removal of the top layer of salinized soil and fallow rotation of wadi plots will be initiated. The introduction of new salinization control techniques is not particularly envisioned; instead traditional techniques will be improved.

(g) Monitoring of health effects

Following the collection of baseline data in Phase One, in Phase Two the data will be evaluated to ascertain if the project has contributed towards increasing the incidence of water-borne diseases in the wadis. If the study indicates negative effects, supplementary funding will be sought to counter the problems (e.g., establishing village pharmacies).

D. INPUTS TO BE FINANCED BY AID

1. Technical Services (\$913,000)

ORT will recruit and field a four-person long-term technical advisory team. The technical specialities and location of assignment include:

- (a) a Chief-of-Party/administrative officer for 36 person-months in N'Djamena;
- (b) an agronomist for 33 person-months in Ngouri;
- (c) a rural works engineer for 30 person-months in Ngouri; and
- (d) a pump specialist for 18 person-months in N'Djamena.

A total of 17 person-months of short-term advisory services will also be provided. Required supplementary skills illustratively will include data collection, communications, forestry, social science, maintenance training, environmental/soils monitoring, health, marketing and evaluation.

Inputs related to the assignment of the Peace Corps Volunteers include pre-assignment training, a settling-in grant, living allowance, in-country travel, vacation pay and health care.

Position descriptions are included as Annex F in the ORT project proposal.

2. Participant Training (\$69,000)

Short-term training at the West African Center for Economic and Social Studies (CESAO in Senegal) in rural community organization will be provided to about ten SODELAC extension agents participating in the project. Training in pump and tubewell mechanics for a SODELAC agent, a pump specialist and a village leader in Bangladesh.

3. Commodities (\$566,000)

Gross categories of procurement will include vehicles (three pick-ups, two station wagons and one five-ton truck, plus spare parts), prototype pumps and tubewell construction equipment and supplies, shop equipment and supplies, soil testing equipment, forestry supplies and office/household equipment and furnishings. An illustrative commodity and equipment list is included as Annex D of the ORT project proposal.

4. Construction (\$160,000)

The SODELAC office and residence in Ngouri are in a total state of disrepair. The office will be rebuilt and expanded, and the residence will be renovated. A second residence will also be built on the compound. In addition, a nursery, a nursery office, a small warehouse and a perimeter wall will also be built in Ngouri.

5. Project Support (\$649,100)

Project support costs include local salaries of staff (two administrative assistants, a bookkeeper, two secretaries, a surveyor, a shop supervisor, drivers/mechanics and security guards); in-country travel; building rentals and utilities; and ORT's overhead for home and London office back-stopping.

6. Contingency/Inflation (\$235,700)

A ten percent contingency line-item is included in the budget to cover unexpected costs and inflation over the life of the project. This amount has been equally distributed to all line items in the "Financial Plan".

E. INPUTS TO BE FINANCED BY ORT (\$603,500)

ORT will finance approximately 20 percent of the total cost of the project. This contribution includes cost-sharing for participant training programs, short-term consultants, vehicles, equipment, furnishings and supplies, and home office backstopping. In addition, ORT will seek external sources of financing for a credit program and potential health-related activities.

F. IN-KIND INPUTS TO BE PROVIDED BY THE GOVERNMENT OF CHAD
(the equivalent of \$140,000)

A parastatal organization responsible for rural development activities and agricultural extension in the Lac Prefecture, SODELAC will be ORT's counterpart agency for project implementation. The SODELAC General Director in N'Djamena reports directly to the Director General of the Ministry of Agriculture and Rural Development. The major field office is in Bol, the capital of the Lac Prefecture, and is headed by SODELAC's Director of Production. Each of the Prefecture's cantons should have one extension agent, but due to funding constraints, some extension agents cover two cantons. These agents report to their Chef de Zone, who in turn reports to the Chef du Sous Agence located in each of the two Sub-Prefectures.

The GOC's in-kind contribution will include a counterpart to the Agronomist (the senior SODELAC agent in Ngouri), plus five SODELAC extension agents. In addition, SODELAC may also make available other technical personnel, such as land surveyors, depending upon specific needs and availability. SODELAC will also provide rent-free use of several facilities.

G. INPUTS TO BE PROVIDED BY PEACE CORPS (\$125,000)

Under the terms of the ORT/Peace Corps agreement, a total of 12.5 man-years of services of six Peace Corps Volunteers have been programmed to support implementation of the project. The PCVs will work in well construction, forestry, pump technology and health. The locations where the PCVs will live will depend partially on the locations of the wadis which are chosen. The probable locations of assignment are N'Djamena (pump technology Volunteer); Ngouri (two forestry Volunteers and one health Volunteer); Djbinintehi (well construction Volunteer); and Njigidada (well construction Volunteer). Position descriptions are included in Annex F of the ORT project proposal. Peace Corps will assume the following costs related to the assignment of the Volunteers:

- recruiting and selecting volunteers;
- medical processing;
- security clearances;
- transportation to and from Chad;
- emergency travel outside of Chad;
- stipends; and
- readjustment allowance.

OMB Control No. 0412-0510
Expiration Date: 1/31/87

MANDATORY STANDARD PROVISIONS FOR
U.S., NONGOVERNMENTAL GRANTEEES 1/
INDEX OF
MANDATORY STANDARD PROVISIONS

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- 7. Ineligible Countries
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1. ALLOWABLE COSTS (NOVEMBER 1985)

The grantee shall be reimbursed for costs incurred in carrying out the purposes of this grant which are determined by the grant officer to be reasonable, allocable, and allowable in accordance with the terms of this grant, any negotiated advance understanding on particular cost items, and the applicable* cost principles in effect on the date of this grant.

* NOTE: For Educational Institutions use OMB Circular A-21; for all other non-profits use OMB Circular A-122; and for profit making firms use FAR 31.2. and AIDAR 731.2.

2. ACCOUNTING, AUDIT, AND RECORDS (NOVEMBER 1985)

(a) The grantee shall maintain books, records, documents, and other evidence in accordance with the grantee's usual accounting procedures to sufficiently substantiate charges to the grant. The grantee's financial management system shall provide for the following:

(1) Accurate, current, and complete disclosure for each AID-sponsored project or program in accordance with the reporting requirements of this grant. While AID requires reporting on an accrual basis, the grantee shall not be required to establish an accrual accounting system but shall develop such accrual data for its reports on the basis of an analysis of the documentation on hand.

1/ When these Standard Provisions are used for cooperative agreements, the following terms apply:

"Grantee" means "Recipient"
"Grant" means "Cooperative Agreement," and
"AID Grant Officer" means "AID Agreement Officer."

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(2) Records that identify adequately the source and application of funds for AID-sponsored activities. These records shall contain information pertaining to Federal awards, authorizations, obligations, unobligated balances, assets, outlays, and income.

(3) Effective control over and accountability for all funds, property, and other assets. Grantee shall adequately safeguard all such assets and shall ensure that they are used solely for authorized purposes.

(4) Comparison of actual outlays with budget amounts for each grant. Financial information should be related to performance and unit-cost data whenever appropriate.

(5) Procedures to minimize the time elapsing between the transfer of funds from the U.S. Treasury and the disbursement by the recipient, whenever funds are advanced by the Federal Government.

(6) Procedures for determining the reasonableness, allowability, and allocability of costs in accordance with the provisions of the applicable Federal cost principles and the terms of the grant.

(7) Accounting records that are supported by documentation that at a minimum will identify, segregate, accumulate, and record all costs incurred under a grant and which fully disclose (i) the amount and disposition by the grantee of the proceeds of such assistance, (ii) the total cost of the project or undertaking in connection with which such assistance is given or used, (iii) the amount of that portion of the cost of the project or undertaking supplied by other sources, and (iv) such other records as will facilitate an effective audit.

(8) Examinations in the form of audits or internal audits shall be made by qualified individuals that are sufficiently independent of those that authorize the expenditure of AID funds, to produce unbiased opinions, conclusions, or judgments. They shall meet the independence criteria along the lines of Chapter IV, Part B of the U.S. General Accounting Office Publication Standards for Audit of Governmental Organizations, Programs, Activities, and Functions (1981 Revision). These examinations are intended to ascertain the effectiveness of the financial management systems and internal procedures that have been established to meet the terms and conditions of the grant. It is not intended that each grant awarded to the grantee be examined. Generally, examinations should be conducted on an organization-wide basis to test the fiscal integrity of financial transactions, as well as compliance with the terms and conditions of the AID grant. Such tests would include an appropriate sampling of Federal grants and agreements. Examinations will be conducted with reasonable frequency, on a continuing basis or at scheduled intervals, usually annually, but not less frequently than every two years. A copy of the audit report shall be furnished to the AID grant officer who shall submit it to AID's Regional Inspector General for Audit. The frequency of these examinations shall depend upon the nature,

size, and the complexity of the activity. These grantee self-examinations do not relieve AID of its audit responsibilities, but may affect the frequency and scope of such audits.

(9) A systematic method to ensure timely and appropriate resolution of audit findings and recommendations.

(b) The grantee shall preserve and make available such records for examination and audit by AID and the Comptroller General of the United States, or their authorized representatives:

(1) until the expiration of three years from the date of termination of the grant;

(2) for such longer period, if any, as is required to complete an audit to resolve all questions concerning expenditures unless written approval has been obtained from the grant officer to dispose of the records. AID follows generally accepted accounting practices in determining that there has been proper accounting and use of grant funds. The grantee agrees to make available any further information requested by AID with respect to any questions arising as a result of the audit; and

(3) If any litigation, claim, or audit is started before the expiration of the three year period, the records shall be retained until all litigations, claims or audit findings involving the records have been resolved.

(c) The grantee shall require subrecipients to adopt the standards in paragraph (b) above.

3. REFUNDS (NOVEMBER 1985)

(a) The grantee shall remit to AID all interest earned on funds provided by AID.

(b) Funds obligated by AID but not disbursed to the grantee at the time the grant expires or is terminated shall revert to AID, except for such funds encumbered by the grantee by a legally binding transaction applicable to this grant. Any funds disbursed to but not expended by the grantee at the time of expiration or termination of the grant shall be refunded to AID.

(c) If, at any time during the life of the grant, or as a result of final audit, it is determined by AID that funds it provided under this grant have been expended for purposes not in accordance with the terms of this grant, the grantee shall refund such amount to AID.

4. REVISION OF GRANT BUDGET (NOVEMBER 1985)

(a) The approved grant budget is the financial expression of the grantee's program as approved during the grant award process.

(b) The grantee shall immediately request approval from the grant officer when there is reason to believe that within the next 30 calendar days a revision of the approved grant budget will be necessary for the following reasons:

(1) Changes in the scope or the objectives of the program and/or revisions in the funding allocated among program objectives.

(2) The need for additional funding.

(3) The grantee expects the amount of AID authorized funds to exceed its needs by more than \$5,000 or five percent of the AID award, whichever is greater.

(4) The grantee plans to transfer funds budgeted for indirect costs to absorb increases in direct costs or vice versa.

(5) The grantee intends to contract or subgrant any of the substantive programmatic work under this grant, and such contracts or subgrants were not included in the approved grant budget.

(6) The grantee plans to incur an expenditure which would require advance approval in accordance with the applicable Federal cost principles and was not included in the approved grant budget.

(7) The grantee plans to transfer funds allotted for training allowances to other categories of expense.

(c) When requesting approval for budget revisions, the grantee shall use the budget formats that were used in the application unless a letter request will suffice.

(d) Within 30 calendar days from the date of the receipt of the request for budget revisions, the grant officer shall review the request and notify the grantee whether the budget revisions have been approved. If the revisions are still under consideration at the end of 30 calendar days, the grant officer shall inform the grantee in writing of the date when the grantee may expect the decision. The grant officer shall obtain the project officer's clearance on all such requests prior to communication with the grantee.

(e) If the requested budget revision requires the obligation of additional funding, and, if after notification pursuant to this standard provision, AID determines not to provide additional funds, the AID grant officer will, upon written request of the grantee, terminate this grant

pursuant to the standard provision of this grant, entitled "Termination and Suspension."

(f) Except as required by other provisions of this grant specifically stated to be an exception from this provision, the Government shall not be obligated to reimburse the grantee for costs incurred in excess of the total amount obligated under the grant. The grantee shall not be obligated to continue performance under the grant (including actions under the "Termination and Suspension" provision) or otherwise to incur costs in excess of the amount obligated under the grant, unless and until the grant officer has notified the grantee in writing that such obligated amount has been increased and has specified in such notice the new obligated grant total amount.

5. TERMINATION AND SUSPENSION (NOVEMBER 1985)

(a) For Cause. This grant may be terminated for cause at any time, in whole or in part, by the grant officer upon written notice to the grantee, whenever it is determined that the grantee has failed to comply with the conditions of the grant.

(b) For Convenience. This grant may be terminated for convenience at any time by either party, in whole or in part, if both parties agree that the continuation of the grant would not produce beneficial results commensurate with the further expenditure of funds. Both parties shall agree upon termination conditions, including the effective date and, in the case of partial terminations, the portion to be terminated. The agreement to terminate shall be set forth in a letter from the grant officer to the grantee.

(c) Termination Procedures. Upon receipt of and in accordance with a termination notice as specified in either paragraph (a) or (b) above, the grantee shall take immediate action to minimize all expenditures and obligations financed by this grant and shall cancel such unliquidated obligations whenever possible. Except as provided below, no further reimbursement shall be made after the effective date of termination. The grantee shall within 30 calendar days after the effective date of such termination repay to the Government all unexpended AID funds which are not otherwise obligated by a legally binding transaction applicable to this grant. Should the funds paid by the Government to the grantee prior to the effective date of the termination of this grant be insufficient to cover the grantee's obligations in the legally binding transaction, the grantee may submit to the Government within 90 calendar days after the effective date of such termination a written claim covering such obligations. The grant officer shall determine the amount(s) to be paid by the Government to the grantee under such claim in accordance with the applicable cost principles.

(d) Suspension: Termination for Changed Circumstances. If at any time AID determines that continuation of funding for a program should be suspended or terminated because such assistance is not in the national interest of the United States or that it would be in violation of an applicable law, then AID may, following notice to the grantee, suspend this grant and prohibit the grantee from incurring additional obligations chargeable to this grant other than necessary and proper costs in accordance with the terms of this grant during the period of suspension. If the situation causing the suspension continues for 60 days or more, then AID may terminate this grant on written notice to the grantee and cancel that portion of this grant which has not been disbursed or irrevocably committed to third parties. Financial settlement of this grant shall be governed by the termination procedures specified in paragraph (c) above.

6. DISPUTES (NOVEMBER 1985)

(a) Any dispute under this grant shall be decided by the AID grant officer. The grant officer shall furnish the grantee a written copy of the decision.

(b) Decisions of the AID grant officer shall be final unless, within 30 days of receipt of the decision of the grant officer, the grantee appeals the decision to the Administrator of AID. Any appeal made under this provision shall be in writing and addressed to the Administrator, Agency for International Development, Washington, D.C. 20523. A copy of the appeal shall be concurrently furnished to the grant officer.

(c) In connection with any appeal proceeding under this provision, the grantee shall be given an opportunity to be heard and to offer evidence in support of its appeal.

(d) A decision under this provision by the Administrator or an authorized representative shall be final unless overruled by a court of competent jurisdiction.

7. INELIGIBLE COUNTRIES (NOVEMBER 1985)

Unless otherwise approved by the AID grant officer, no funds will be expended for costs incurred in countries ineligible for assistance under the Foreign Assistance Act of 1961, as amended, or under acts appropriating funds for foreign assistance.

8. NONDISCRIMINATION IN FEDERALLY ASSISTED PROGRAMS (NOVEMBER 1985)

No person in the United States, consistent with the laws of the United States, shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity funded by this grant on the basis of race, color, national origin, age, handicap, or sex.

9. U.S OFFICIALS NOT TO BENEFIT (NOVEMBER 1985)

No member of or delegate to the U.S. Congress or resident U.S. Commissioner shall be admitted to any share or part of this grant or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this grant if made with a corporation for its general benefit.

10. COVENANT AGAINST CONTINGENT FEES (NOVEMBER 1985)

The grantee certifies that no person or selling agency has been employed or retained to solicit or secure this grant upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee except bona fide employees or bona fide established commercial or selling agencies maintained by the grantee for the purpose of securing business. For breach or violation of this certification, AID shall have the right to cancel this grant without liability or, to deduct from the grant amount, or otherwise recover, the full amount of each commission, percentage, brokerage, or contingent fee.

11. NONLIABILITY (NOVEMBER 1985)

AID does not assume liability for any third party claims for damages arising out of this grant.

12. AMENDMENT (NOVEMBER 1985)

The grant may be amended by formal modifications to the basic grant document or by means of an exchange of letters between the grant officer and an appropriate official of the grantee.

13. NOTICES (NOVEMBER 1985)

Any notice given by AID or the grantee shall be sufficient only if in writing and delivered in person, mailed, or cabled as follows:

To the AID grant officer, at the address specified in the grant.

To grantee, at grantee's address shown in the grant or to such other address designated within the grant.

Notices shall be effective when delivered in accordance with this provision, or on the effective date of the notice, whichever is later.

(END OF MANDATORY STANDARD PROVISIONS)

OPTIONAL STANDARD PROVISIONS FOR
U.S., NONGOVERNMENTAL GRANTEES

The following standard provisions are required to be used when applicable. Applicability statements are contained in the parenthetical statement preceding the standard provision. When a standard provision is determined to be applicable in accordance with the applicability statement, the use of such standard provision is mandatory unless a deviation has been approved in accordance with Paragraph 1E of Chapter 1 of Handbook 13. Each grant is required to have a payment provision. Check off the optional standard provisions which are included in the grant. Only those standard provisions which have been checked off are included physically within this grant.

- | | |
|---|-------|
| 1. Payment - Letter of Credit | X |
| 2. Payment - Periodic Advance | _____ |
| 3. Payment - Cost Reimbursement | _____ |
| 4. Air Travel and Transportation | X |
| 5. Ocean Shipment of Goods | X |
| 6. Procurement of Goods and Services | X |
| 7. AID Eligibility Rules for Goods and Services | X |
| 8. Subagreements | X |
| 9. Local Cost Financing with U.S. Dollars | X |
| 10. Patent Rights | X |
| 11. Publications | X |
| 12. Negotiated Indirect Cost Rates - Predetermined | _____ |
| 13. Negotiated Indirect Cost Rates - Provisional | X |
| 14. Regulations Governing Employees | X |
| 15. Participant Training | X |
| 16. Voluntary Population Planning | _____ |
| 17. Protection of the Individual as a Research Subject | X |
| 18. Care of Laboratory Animals | _____ |
| 19. Government Furnished Excess Personal Property | _____ |
| 20. Title to and Use of Property (Grantee Title) | X |
| 21. Title to and Care of Property (U.S. Government Title) | _____ |
| 22. Title to and Care of Property (Cooperating Country Title) | X |
| 23. Cost Sharing (Matching) | _____ |
| 24. Use of Pouch Facilities | X |
| 25. Conversion of United States Dollars to Local Currency | X |

(INCLUDE THIS PAGE IN THE GRANT)

Payment - Letter of Credit (NOVEMBER 1985)

(This provision is applicable only when the following conditions are met: (i) the total advances under all the grantee's cost-reimbursement contracts and assistance instruments with AID exceed \$120,000 per annum, (ii) AID has, or expects to have, a continuing relationship with the grantee for at least one year; (iii) the grantee has the ability to maintain procedures that will minimize the time elapsing between the transfer of funds and the disbursement thereof; (iv) the grantee's financial management system meets the standards for fund control and accountability required under the standard provision of this grant, entitled "Accounting, Audit, and Records" and, either (v) the foreign currency portion of the total advance under this grant is less than 50% or (vi) the foreign currency portion of the total advance under this grant is more than 50% but more than one foreign currency country is involved.)

(a) Payment under this grant shall be by means of a Letter of Credit (LOC) in accordance with the terms and conditions of the LOC and any instructions issued by AID's Office of Financial Management, Program Accounting and Finance Division (M/FM/PAFD).

(b) As long as the LOC is in effect, the terms and conditions of the LOC and any instructions issued by M/FM/PAFD constitute payment conditions of this grant, superseding and taking precedence over any other provision of this grant concerning payment.

(c) Reporting:

(1) A "Financial Status Report" SF-269, shall be prepared on an accrual basis and submitted quarterly no later than 30 days after the end of the period, in an original and two copies to AID/M/FM/PAFD, Washington, D.C. 20523. If the grantee's accounting records are not normally kept on the accrual basis, the grantee shall not be required to convert its accounting system, but shall develop such accrual information through best estimates based on an analysis of the documentation on hand. The final report must be submitted within 90 days after the conclusion of the grant to M/FM/PAFD. In cases where grants are Mission funded, the Grantee will forward an information copy to the AID Mission accounting station at the same time the original and one copy are mailed to M/FM/PAFD, AID/Washington.

(2) The grantee shall submit an original and one copy of SF-272, "Federal Cash Transactions Report," within 15 working days following the end of each quarter to M/FM/PAFD. Grantees receiving advances totaling more than \$1 million per year shall submit the SF-272 on a monthly basis within 15 working days following the close of the month. Grantees shall report all cash advances in the remarks section of SF-272. Those cash advances in excess of immediate disbursement requirements in the hands of subrecipients or the grantee's field organizations shall be supported by short narrative explanations of actions taken by the grantee to reduce the excess balances.

(d) Revocation of the LOC is at the discretion of the authorized LOC certifying officer of M/FM/PAFD after consultation with the grant officer. Notification of revocation must be in writing and must specify the reason for revocation. M/FM/PAFD shall provide the grant officer a copy of the revocation notice and a recommendation for an alternative method of payment (periodic advance or cost reimbursement) based upon the reasons for the revocation. The grant officer shall immediately amend this agreement to provide for an appropriate alternative method of payment. The recipient may appeal any such revocation to the grant officer.

(END OF STANDARD PROVISION)

AIR TRAVEL AND TRANSPORTATION (NOVEMBER 1985)

(This provision is applicable when any costs for air travel or transportation are included in the budget.)

(a) The grantee is required to present to the project officer for written approval an itinerary for each planned international trip financed by this grant, which shows the name of the traveler, purpose of the trip, origin/destination (and intervening stops), and dates of travel, as far in advance of the proposed travel as possible, but in no event at least three weeks before travel is planned to commence. At least one week prior to commencement of approved international travel, the grantee shall notify the cognizant U.S. Mission or Embassy, with a copy to the project officer, of planned travel, identifying the travelers and the dates and times of arrival.

(b) Travel to certain countries shall, at AID's option, be funded from U.S.-owned local currency. When AID intends to exercise this option, AID will, after receipt of advice of intent to travel required above, either issue a U.S. Government S.F. 1169, Transportation Request (GTR) which the grantee may exchange for tickets, or AID will issue the tickets directly. Use of such U.S.-owned currencies will constitute a dollar charge to this grant.

(c) All air travel and shipments under this grant are required to be made on U.S. flag air carriers to the extent service by such carriers is available. A U.S. flag air carrier is defined as an air carrier which has a certificate of public convenience and necessity issued by the U.S. Civil Aeronautics Board authorizing operations between the United States and/or its territories and one or more foreign countries.

(d) Use of foreign air carrier service may be deemed necessary if a U.S. flag air carrier otherwise available cannot provide the foreign air transportation needed, or if use of such service will not accomplish the agency's mission. Travel and transportation on non-free world air carriers are not reimbursable under this grant.

(e) U.S. flag air carrier service is considered available even though:

(1) Comparable or a different kind of service can be provided at less cost by a foreign air carrier;

(2) Foreign air carrier service is preferred by or is more convenient for the agency or traveler; or

(3) Service by a foreign air carrier can be paid for in excess foreign currency, unless U.S. flag air carriers decline to accept excess or near excess foreign currencies for transportation payable only out of such monies.

(f) Except as provided in paragraph (b) of this section, U.S. flag air carrier service must be used for all Government-financed commercial foreign air travel if service provided by such carriers is available. In determining availability of a U.S. flag air carrier, the following scheduling principles should be followed unless their application results in the last or first leg of travel to or from the United States being performed by foreign air carrier:

(1) U.S. flag air carrier service available at point of origin should be used to destination or in the absence of direct or through service to the farthest interchange point on a usually traveled route;

(2) Where an origin or interchange point is not served by U.S. flag air carrier, foreign air carrier service should be used only to the nearest interchange point on a usually traveled route to connect with U.S. flag air carrier service; or

(3) Where a U.S. flag air carrier involuntarily reroutes the traveler via a foreign air carrier the foreign air carrier may be used notwithstanding the availability of alternative U.S. flag air carrier service.

(g) For travel between a gateway airport in the United States (the last U.S. airport from which the traveler's flight departs or the first U.S. airport at which the traveler's flight arrives) and a gateway airport abroad (that airport from which the traveler last embarks enroute to the U.S. or at which the traveler first debarks incident to travel from the U.S.), passenger service by U.S. flag air carrier will not be considered available:

(1) Where the gateway airport abroad is the traveler's origin or destination airport, and the use of U.S. flag air carrier service would extend the time in a travel status, including delay at origin and accelerated arrival at destination, by at least 24 hours more than travel by foreign air carrier:

(2) Where the gateway airport abroad is an interchange point, and the use of U.S. flag air carrier service would require the traveler to wait six hours or more to make connections at that point, or delayed departure from or accelerated arrival at the gateway airport in the U.S. would extend the time in a travel status by at least six hours more than travel by foreign air carrier.

(h) For travel between two points outside the U.S. the rules in paragraphs (d) through (f) of this section will be applicable, but passenger service by U.S. flag air carrier will not be considered to be reasonably available:

(1) If travel by foreign air carrier would eliminate two or more aircraft changes enroute;

(2) Where one of the two points abroad is the gateway airport (as defined in paragraph (g) of this section) enroute to or from the United States, if the use of a U.S. flag air carrier would extend the time in a travel status by at least six hours more than travel by foreign air carrier

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including accelerated arrival at the overseas destination or delayed departure from the overseas origin as well as delay at the gateway airport or other interchange point abroad; or

(3) Where the travel is not part of a trip to or from the United States, if the use of a U.S. flag air carrier would extend the time in a travel status by at least six hours more than travel by foreign air carrier including delay at origin, delay enroute and accelerated arrival at destination.

(i) When travel under either paragraph (g) or (h) of this section involves three hours or less between origin and destination by a foreign air carrier, U.S. flag air carrier service will not be considered available when it involves twice such travel time or more.

(j) Nothing in the above guidelines shall preclude and no penalty shall attend the use of a foreign air carrier which provides transportation under an air transport agreement between the United States and a foreign government, the terms of which are consistent with the international aviation policy goals set forth at 49 U.S.C. 1502(b) and provide reciprocal rights and benefits.

(k) Where U.S. Government funds are used to reimburse the grantee's use of other than U.S. flag air carriers for international transportation, the grantee will include a certification on vouchers involving such transportation which is essentially as follows:

"CERTIFICATION OF UNAVAILABILITY OF U.S. FLAG AIR CARRIERS. I hereby certify that the transportation service for personnel (and their personal effects) or property by certificated air carrier was unavailable for the following reason(s)." (State appropriate reason(s) as set forth above).

(1) International Travel

(1) As used herein, the term "international travel" means travel to all countries other than those within the home country of the traveler. Travel outside the United States includes travel to the U.S. Trust Territories of the Pacific Islands.

(2) The grantee will be reimbursed for travel and the reasonable cost of subsistence, post differentials and other allowances paid to employees in an international travel status in accordance with the grantee's established policies and practices which are uniformly applied to federally financed and other activities of the grantee. The standard for determining the reasonableness of reimbursement for overseas allowance is the Standardized Regulations (Government Civilians, Foreign Areas), published by the U.S.

Department of State, as from time to time amended. The most current subsistence, post differentials, and other allowances may be obtained from the grant officer.

(m) This provision will be included in all subgrants and contracts which require air travel and transportation under this grant.

(END OF STANDARD PROVISION)

OCEAN SHIPMENT OF GOODS (NOVEMBER 1985)

(This provision is applicable when goods purchased with funds provided under this grant are transported to cooperating countries on ocean vessels.)

(a) At least 50% of the gross tonnage of all goods purchased under this grant and transported to the cooperating countries shall be made on privately owned U.S. flag commercial ocean vessels, to the extent such vessels are available at fair and reasonable rates for such vessels.

(b) At least 50% of the gross freight revenue generated by shipments of goods purchased under this grant and transported to the cooperating countries on dry cargo liners shall be paid to or for the benefit of privately owned U.S. flag commercial ocean vessels to the extent such vessels are available at fair and reasonable rates for such vessels.

(c) When U.S. flag vessels are not available, or their use would result in a significant delay, the grantee may request a determination of non-availability from the AID Transportation Division, Office of Acquisition and Assistance Management, Washington, D.C. 20523, giving the basis for the request which will relieve the grantee of the requirement to use U.S. flag vessels for the amount of tonnage included in the determination. Shipments made on non-free world ocean vessels are not reimbursable under this grant.

(d) Vouchers submitted for reimbursement which include ocean shipment costs shall contain a certification essentially as follows:

"I hereby certify that a copy of each ocean bill of lading concerned has been submitted to the U.S. Department of Transportation, Maritime Administration, Division of National Cargo, 400 7th Street, S.W., Washington, D.C. 20590, and that such bills of lading state all of the carrier's charges including the basis for calculation such as weight or cubic measurement."

(END OF STANDARD PROVISION)

PROCUREMENT OF GOODS AND SERVICES (NOVEMBER 1985)

(This provision is applicable when goods or services are procured under the grant.)

The grantee may use its own procurement policies and practices for the procurement of goods and services under this grant, provided they conform to all of AID's requirements listed below and the standard provision entitled "AID Eligibility Rules for Goods and Services."

(a) General Requirements:

(1) The recipient shall maintain a code or standards of conduct that shall govern the performance of its officers, employees or agents engaged in the awarding and administration of contracts using AID funds. No employee, officer or agent shall participate in the selection, award or administration of a contract in which AID funds are used, where, to that individual's knowledge, the individual or the individual's immediate family, partners, or organization in which the individual or the individual's immediate family or partners has a financial interest or with whom that individual is negotiating or has any arrangement concerning prospective employment. The recipients' officers, employees or agents shall neither solicit nor accept gratuities, favors or anything of monetary value from contractors or potential contractors. Such standards shall provide for disciplinary actions to be applied for violations of such standards by the recipients' officers, employees or agents.

(2) All procurement transactions shall be conducted in a manner to provide, to the maximum extent practical, open and free competition. The recipient should be alert to organizational conflicts of interest or noncompetitive practices among contractors that may restrict or eliminate competition or otherwise restrain trade. In order to ensure objective contractor performance and eliminate unfair competitive advantage, contractors that develop or draft specifications, requirements, statements of work, invitations for bids and/or requests for proposals should be excluded from competing for such procurements. Awards shall be made to the bidder/offeror whose bid/offer is responsive/responsible to the solicitation and is most advantageous to the recipient, price and other factors considered. Solicitations shall clearly set forth all requirements that the bidder/offeror must fulfill in order to be evaluated by the recipient. Any and all bids/offers may be rejected when it is in the recipient's interest to do so.

(3) All grantees shall establish procurement procedures that provide for, at a minimum, the following procedural requirements:

(i) Proposed procurement actions shall follow a procedure to assure the avoidance of purchasing unnecessary or duplicative items. Where appropriate, an analysis shall be made of lease and purchase alternatives to determine which would be the most economical practical procurement.

(ii) Solicitations for goods and services shall be based upon a clear and accurate description of the technical requirements for the material, product or service to be procured. Such a description shall not, in competitive procurements, contain features which unduly restrict competition. "Brand-name or equal" descriptions may be used as a means to define the performance of other salient requirements of a procurement and when so used the specific features of the named brand which must be met by bidders/offers shall be clearly specified.

(iii) Positive efforts shall be made by the recipients to utilize small business and minority-owned business sources of supplies and services. Such efforts should allow these sources the maximum feasible opportunity to compete for contracts utilizing AID funds. To permit AID, in accordance with the small business provisions of the Foreign Assistance Act of 1961, as amended, to give United States small business firms an opportunity to participate in supplying commodities and services procured under this grant, the grantee shall to the maximum extent possible provide the following information to the Office of Small Disadvantaged Business Utilization, AID, Washington, D.C. 20523, at least 45 days prior (except where a shorter time is requested of and granted by the Office of Small and Disadvantaged Business Utilization) to placing any order or contract in excess of \$25,000:

- (A) Brief general description and quantity of goods or services;
- (B) Closing date for receiving quotations, proposals, or bids; and
- (C) Address where solicitations or specifications can be obtained.

(iv) The type of procuring instruments used, e.g. fixed price contracts, cost reimbursable contracts, purchase orders, incentive contracts, shall be determined by the recipient but must be appropriate for the particular procurement and for promoting the best interest of the program involved. The "cost-plus-a-percentage-of-cost" method of contracting shall not be used.

(v) Contracts shall be made only with responsible contractors who possess the potential ability to perform successfully under the terms and conditions of a proposed procurement. Consideration shall be given to such matters as contractor integrity, record of past performance, financial and technical resources or accessibility to other necessary resources.

(vi) All proposed sole source contracts or where only one bid or proposal is received in which the aggregate expenditure is expected to exceed \$5,000 shall be subject to prior approval by an appropriate official within the grantee's organization.

(vii) Some form of price or cost analysis should be made in connection with every procurement action. Price analysis may be accomplished in various ways, including the comparison of price quotations submitted, market prices and similar indicia, together with discounts. Cost analysis is the review and evaluation of each element of cost to determine reasonableness, allocability and allowability.

(viii) Procurement records and files for purchases in excess of \$10,000 shall include the following:

(A) Basis for contractor selection;

(B) Justification for lack of competition when competitive bids or offers are not obtained;

(C) Basis for award cost or price.

(ix) A system for contract administration shall be maintained to ensure contractor conformance with terms, conditions and specifications of the contract, and to ensure adequate and timely followup of all purchases.

(b) Each contract shall contain, in addition to provisions to define a sound and complete contract, the following contract provisions, if applicable, as well as any provision within this grant which requires such inclusion of that provision. Whenever a provision is required to be inserted in a contract under this grant, the grantee shall insert a statement in the contract that in all instances where the U.S. Government or AID is mentioned the grantee's name shall be substituted.

(1) Contracts in excess of \$10,000 shall contain contractual provisions or conditions that will allow for administrative, contractual or legal remedies in instances in which contractors violate or breach contract terms, and provide for such remedial actions as may be appropriate.

(2) All contracts in excess of \$10,000 shall contain suitable provisions for termination by the recipient including the manner by which termination will be effected and the basis for settlement. In addition, such contracts shall describe conditions under which the contract may be terminated for default as well as conditions where the contract may be terminated because of circumstances beyond the control of the contractor.

(3) In all contracts for construction or facility improvement awarded for more than \$100,000, recipients shall observe generally accepted bonding requirements.

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(4) All contracts awarded by the grantee or subgrantee to be performed in the United States having a value of more than \$10,000, shall contain a provision requiring compliance with Executive Order 11246, entitled "Equal Employment Opportunity," as amended, and as supplemented in Department of Labor Regulations (41 CFR, Part 60).

(5) All contracts and subgrants in excess of \$2,000 for construction or repair to be performed in the United States awarded by the grantee or subgrantee shall include a provision for compliance with the Copeland "Anti-Kick Back" Act (18 U.S.C. 874) as supplemented in Department of Labor Regulations (29 CFR, Part 3). This Act provides that each contractor or subgrantee shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which that individual is otherwise entitled. The grantee shall report all suspected or reported violations to AID.

(6) When required by the Federal program legislation, all construction contracts to be performed in the United States awarded by the grantee or subgrantee of more than \$2,000 shall include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 276a to a-7) as supplemented by Department of Labor Regulations (29 CFR, Part 5). Under this Act, contractors shall be required to pay wages to laborers and mechanics at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages not less than once a week. The grantee shall place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation and the award of a contract shall be conditioned upon the acceptance of the wage determination. The grantee shall report all suspected or reported violations to AID.

(7) Where applicable, all contracts awarded by the grantee or subgrantees in excess of \$2,000 for construction contracts to be performed in the United States and its territories and in excess of \$2,500 for other contracts that involve the employment of mechanics or laborers, shall include a provision for compliance with sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor Regulations (29 CFR, Part 5). Under section 103 of the Act, each contractor shall be required to compute the wages of every mechanic and laborer on the basis of a standard work day of 8 hours and a standard workweek of 40 hours. Work in excess of the standard workday or workweek is permissible provided that the worker is compensated at a rate of not less than 1 1/2 times the basic rate of pay for all hours worked in excess of 8 hours in any calendar day or 40 hours in the workweek. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions that are unsanitary, hazardous, or dangerous to the worker's health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor. These requirements do not apply to the purchases of supplies of materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

(8) Contracts, the principal purpose of which is to create, develop or improve products, processes or methods; or for exploration into fields that directly concern public health, safety or welfare; or contracts in the fields of science or technology in which there has been little significant experience outside of work funded by Federal assistance, shall contain a notice to the effect that matters regarding rights to inventions and materials generated under the contract are subject to the regulations included in these grant provisions. The contractor shall be advised as to the source of additional information regarding these matters.

(9) All negotiated contracts over \$10,000 awarded by the grantee shall include a provision to the effect that the grantee, AID, the Comptroller General of the United States, or any of their duly authorized representatives, shall have access to any books, documents, papers and records of the contractor which are directly pertinent to the specific program for the purpose of making audits, examinations, excerpts and transcriptions.

(10) Contracts in excess of \$100,000 to be performed in the United States shall contain a provision that requires the contractor to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act of 1970 (42 U.S.C. 7401) and the Federal Water Pollution Control Act (40 CFR 15) as amended. Violations shall be reported to AID and the Regional Office of the Environmental Protection Agency.

(11) Contracts which require performance outside the United States shall contain a provision requiring Workmen's Compensation Insurance (42 U.S.C. 1651, et seq.). As a general rule, Department of Labor waivers will be obtained for persons employed outside the United States who are not United States citizens or residents provided adequate protection will be given such persons. The grantee should refer questions on this subject to the AID grant officer.

(END OF STANDARD PROVISION)

AID ELIGIBILITY RULES FOR GOODS AND SERVICES (NOVEMBER 1985)

(This provision is applicable when goods or services are procured under the grant.)

(a) Ineligible and Restricted Goods and Services: If AID determines that the grantee has procured any of the restricted or ineligible goods and services specified below, or has procured goods and services from unauthorized sources, and has received reimbursement for such purpose without the prior written authorization of the grant officer, the grantee agrees to refund to AID the entire amount of the reimbursement. AID's policy on ineligible and restricted goods and services is contained in Chapter 4 of AID Handbook 1, Supplement B, entitled "Procurement Policies".

(1) ineligible Goods and Services. Under no circumstances shall the grantee procure any of the following under this grant:

- (i) Military equipment,
- (ii) Surveillance equipment,
- (iii) Commodities and services for support of police or other law enforcement activities,
- (iv) Abortion equipment and services,
- (v) Luxury goods and gambling equipment, or
- (vi) Weather modification equipment.

(2) Ineligible Suppliers. Funds provided under this grant shall not be used to procure any goods or services furnished by any firms or individuals whose name appears on the AID Consolidated List of Debarred, Suspended, and Ineligible Awardees under AID Regulation 8, entitled "Debarment, Suspension and Ineligibility" (22 CFR 208). AID will provide the grantee with a copy of this list upon request.

(3) Restricted Goods. The grantee shall not procure any of the following goods and services without the prior written authorization of the grant officer:

- (i) Agricultural commodities,
- (ii) Motor vehicles,
- (iii) Pharmaceuticals,
- (iv) Pesticides,
- (v) Rubber compounding chemicals and plasticizers,
- (vi) Used equipment,
- (vii) U.S. Government-owned excess property, or
- (viii) Fertilizer.

(b) Source, Origin, and Nationality: The eligibility rules for goods and services are based on source, origin, and nationality and are divided into two categories. One applies when the total procurement during the life of the grant is over \$250,000 and the other applies when the total procurement element during the life of the grant is not over \$250,000. The total procurement element includes procurement of all goods (e.g., equipment, materials, supplies) and services. Guidance on the eligibility of specific goods or services may be obtained from the grant officer. AID policies and definitions on source, origin, and nationality are contained in Chapters 4 and 5 of AID Handbook 1, Supplement B, entitled "Procurement Policies".

(1) When the total procurement element during the life of this grant is valued at \$250,000 or less, the following rules apply:

(i) All goods and services, the costs of which are to be reimbursed under this grant and which will be financed with U. S. dollars, shall be purchased in and shipped from only "Special Free World" countries (i.e., AID Geographic Code 935) in accordance with the following order of preference:

- (A) The United States (AID Geographic code 000),
- (B) The Cooperating Country,
- (C) "Selected Free World" countries (AID Geographic Code 941), and
- (D) "Special Free World" countries (AID Geographic Code 935).

(ii) Application of Order of Preference: When the grantee procures goods and services from other than U.S. sources, under the order of preference in paragraph b(1)(i) above, the grantee shall document its files to justify each such instance. The documentation shall set forth the circumstances surrounding the procurement and shall be based on one or more of the following reasons, which will be set forth in the grantee's documentation:

- (A) The procurement was of an emergency nature, which would not allow for the delay attendant to soliciting U.S. sources,
- (B) The price differential for procurement from U.S. sources exceeded by 50% or more the delivered price from the non-U.S. source,
- (C) Impelling local political considerations precluded consideration of U.S. sources,
- (D) The goods or services were not available from U.S. sources, or
- (E) Procurement of locally available goods and services, as opposed to procurement of U.S. goods and services, would best promote the objectives of the Foreign Assistance program under the grant.

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(2) When the total procurement element exceeds \$250,000, the following rule applies: Except as may be specifically approved or directed in advance by the grant officer, all goods and services, which will be reimbursed under this grant and financed with U. S. dollars, shall be procured in and shipped from the U. S. (Code 000) and from any other countries within the authorized geographic code as specified in the schedule of this grant.

(c) Marine Insurance: The eligibility of marine insurance is determined by the country in which it is placed. Insurance is placed in a country if payment of the insurance premium is made to, and the insurance policy is issued by an insurance company located in that country. Eligible countries for placement are governed by the authorized geographic code, except that if Code 941 is authorized, the Cooperating Country is also eligible. Section 604(d) of the Foreign Assistance Act requires that if a recipient country discriminates by statute, decree, rule, or practice with respect to AID-financed procurement against any marine insurance company authorized to do business in the U. S., then any AID-financed commodity shipped to that country shall be insured against marine risk and the insurance shall be placed in the U. S. with a company or companies authorized to do marine insurance business in the U. S.

(d) Ocean and air transportation shall be in accordance with the applicable provisions contained within this grant.

(e) Printed or Audio-Visual Teaching Materials: If the effective use of printed or audio-visual teaching materials depends upon their being in the local language and if such materials are intended for technical assistance projects or activities financed by AID in whole or in part and if other funds including U.S.-owned or U.S.-controlled local currencies are not readily available to finance the procurement of such materials, local language versions may be procured from the following sources, in order of preference:

- (1) The United States (AID Geographic Code 000),
- (2) The Cooperating Country,
- (3) "Selected Free World" countries (AID Geographic Code 941), and
- (4) "Special Free World" countries (AID Geographic Code 899).

(f) Special Restrictions on the Procurement of Construction or Engineering Services: Section 604(g) of the Foreign Assistance Act provides that AID funds may not be used for "procurement of construction or engineering services from advanced developing countries, eligible under Geographic Code 941, which have attained a competitive capability in international markets for construction services or engineering services." In order to insure eligibility of a Code 941 contractor for construction or engineering services, the grantee shall obtain the grant officer's prior approval for any such contract.

(END OF STANDARD PROVISION)

SUBAGREEMENTS (NOVEMBER 1985)

(This provision is applicable when subgrants or cooperative agreements are financed under the grant.)

(a) Funds provided under this grant shall not be used to support any subrecipient whose name appears on the AID Consolidated List of Debarred, Suspended, or Ineligible Awardees under AID Regulation 8, entitled "Debarment, Suspension and Ineligibility" (22 CFR 208). AID will provide the grantee with a copy of this list upon request.

(b) All subagreements shall as a minimum contain, in addition to provisions to define a sound and complete agreement, the following provisions as well as any that are specifically required by any other provision in this grant. Whenever a provision within this grant is required to be inserted in a subagreement, the grantee shall insert a statement in the subagreement that in all instances where the U.S. Government is mentioned, the grantee's name will be substituted.

(1) Subagreements in excess of \$10,000 shall contain provisions or conditions that will allow for administrative or legal remedies in instances where subrecipients violate subagreement terms and provide for such remedial action as may be appropriate.

(2) All subagreements in excess of \$10,000 shall contain suitable provisions for termination by the recipient including the manner by which termination will be effected and the basis for settlement. In addition, such subagreements shall describe conditions under which the subagreement may be terminated for default as well as conditions where the subagreement may be terminated because of circumstances beyond the control of the subrecipient.

(3) Subagreements, the principal purpose of which is to create, develop or improve products, processes or methods; or for exploration into fields that directly concern public health, safety or welfare; or subagreements in the field of science or technology in which there has been little significant experience outside of work funded by Federal assistance, shall contain a notice to the effect that matters regarding rights to inventions and materials generated under the subagreement are subject to the regulations contained in the provisions of this grant. The subrecipient shall be advised as to the source of additional information regarding these matters.

(4) All subagreements over \$10,000 issued by recipients shall include a provision to the effect that the recipient, AID, the Comptroller General of the United States, or any of their duly authorized representatives, shall have access to any books, documents, papers and records of the subrecipient which are directly pertinent to the specific program for the purpose of making audits, examinations, excerpts and transcriptions.

(END OF STANDARD PROVISION)

LOCAL COST FINANCING WITH U.S. DOLLARS (NOVEMBER 1985)

(This Provision is applicable when local financing is authorized in the schedule of the grant and must then be used in conjunction with the standard provisions entitled "Procurement of Goods and Services" and "AID Eligibility Rules for Goods and Services".)

(a) Local cost financing is the use of appropriated U.S. dollars to finance the procurement of goods and services paid for with local currency in the cooperating country for furtherance of grant purposes. Local cost financing must be specifically authorized in the schedule of the grant. The amount of U.S. dollars which may be used must be specified in the authorization, together with any special restrictions on their use.

(b) Procurement of goods and services under local cost financing is subject to the restrictions listed in the grant provisions entitled "Procurement of Goods and Services" and "AID Eligibility Rules for Goods and Services."

(c) Authorization of local cost financing makes the cooperating country an eligible source for the purchase of goods or services. Goods or services purchased under local cost financing must be located in the cooperating country at the time they are purchased; they cannot be imported specifically for the project being implemented by this grant. The supplier from which goods or services are purchased under local cost financing must also be in the cooperating country. Suppliers of goods or services under local cost financing must meet the nationality eligibility tests prescribed in Chapter 5 of AID Handbook 1, Supplement B.

(d) Unless otherwise specifically authorized, the policies in Chapter 18 of AID Handbook 1, Supplement B are applicable to all local cost financing.

(END OF STANDARD PROVISION)

PATENT RIGHTS (NOVEMBER 1985)

(This provision is applicable whenever patentable processes or practices are financed by the grant.)

(a) Definitions.

(1) Invention means any invention or discovery which is or may be patentable or otherwise protectable under Title 35 of the United States Code.

(2) Subject invention means any invention of the recipient conceived or first actually reduced to practice in the performance of work under this agreement.

(3) Practical application means to manufacture in the case of a composition or product, to practice in the case of a process or method, or to operate in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

(4) Made when used in relation to any invention means the conception or first actual reduction to practice of such invention.

(5) Small business firm means a domestic small business concern as defined at Section 2 of Public Law 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of this clause, the size standards for small business concerns involved in Government procurement and subcontracting at 13 CFR 121.3-8 and 13 CFR 121.3-12, respectively, shall be used.

(6) Nonprofit organization means a domestic university or other institution of higher education or an organization of the type described in Section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)) and exempt from taxation under Section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)) or any domestic nonprofit scientific or any educational organization qualified under a state nonprofit organization statute.

(b) Allocation of Principal Rights: The recipient may retain the entire right, title, and interest throughout the world to each subject invention subject to the provisions of this clause and 35 U.S.C. 203. With respect to any subject invention in which the recipient retains title, the Federal Government shall have a non-exclusive, non-transferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world.

(c) Invention Disclosure, Election of Title, and Filing of Patent Applications by Recipient:

(1) The recipient shall disclose each subject invention to AID within two months after the inventor discloses it in writing to recipient personnel responsible for patent matters. The disclosure to AID shall be in the form of a written report and shall identify the agreement under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding, to the extent known at the time of the disclosure, of the nature, purpose, operation, and the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to AID the recipient shall promptly notify AID of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the recipient.

(2) The recipient shall elect in writing whether or not to retain title to any such invention by notifying AID within twelve months of disclosure to the recipient, provided that in any case where publication, on sale, or public use has initiated the one-year statutory period wherein valid patent protection can still be obtained in the United States, the period of election of title may be shortened by AID to a date that is no more than 60 days prior to the end of the statutory period.

(3) The recipient shall file its initial patent application on an elected invention within two years after election or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use. The recipient shall file patent applications in additional countries within either ten months of the corresponding initial patent application or six months from the date permission is granted by the Commissioner of Patents and Trademarks to file foreign patent applications where such filing has been prohibited by a Secrecy Order.

(4) Requests for extension of the time for disclosure to AID, election, and filing may, at the discretion of AID, be granted.

(d) Conditions When the Government May Obtain Title: The recipient shall convey to AID upon written request, title to any subject invention:

(1) If the recipient fails to disclose or elect the subject invention within the times specified in (c) above, or elects not to retain title. AID may only request title within sixty days after learning of the recipient's failure to report or elect within the specified times.

(2) In those countries in which the recipient fails to file patent applications within the times specified in (c) above; provided, however, that if the recipient has filed a patent application in a country after the times specified in (c) above, but prior to its receipt of the written request of AID the recipient shall continue to retain title in that country.

(2) The recipient agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the recipient each subject invention made under agreement in order that the recipient can comply with the disclosure provisions of paragraph (c) above, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by (c)(1) above. The recipient shall instruct such employees through employee agreements or other suitable educational programs on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

(3) The recipient shall notify AID of any decision not to continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than 30 days before the expiration of the response period required by the relevant patent office.

(4) The recipient agrees to include, within the specification of any United States patent application and any patent issuing thereon covering a subject invention, the following statement: "This invention was made with Government support under (identify the agreement awarded by AID). The Government has certain rights in this invention."

(g) Subagreements and Contracts: The recipient shall include this standard provision suitably modified to identify the parties, in all subagreements and contracts, regardless of tier, for experimental, developmental, or research work to be performed by a small business firm or nonprofit organization. The subrecipient or contractor shall retain all rights provided for the recipient in this standard provision, and the recipient shall not, as part of the consideration for awarding the contract or subagreement, obtain rights in the contractor's or subrecipient's subject inventions.

(h) Reporting Utilization of Subject Inventions: The recipient agrees to submit on request periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the recipient or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the recipient, and such other data and information as AID may reasonably specify. The recipient also agrees to provide additional reports as may be requested by AID in connection with any march-in proceedings undertaken by AID in accordance with paragraph (j) of this provision. To the extent data or information supplied under this section is considered by the recipient, its licensee or assignee to be privileged and confidential and is so marked, AID agrees that, to the extent permitted by law, it shall not disclose such information to persons outside the Government.

(3) In any country in which the recipient decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in reexamination or opposition proceeding on a patent on a subject invention.

(e) Minimum Rights to Recipient:

(1) The recipient shall retain a nonexclusive, royalty-free license throughout the world in each subject invention to which the Government obtains title except if the recipient fails to disclose the subject invention within the times specified in (c) above. The recipient's license extends to its domestic subsidiaries and affiliates, if any, within the corporate structure of which the recipient is a party and includes the right to grant sublicenses of the same scope to the extent the recipient was legally obligated to do so at the time the agreement was awarded. The license is transferable only with the approval of AID except when transferred to the successor of that party of the recipient's business to which the invention pertains.

(2) The recipient's domestic license may be revoked or modified by AID to the extent necessary to achieve expeditious practical application of the subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions in the Federal Property Management Regulations and agency licensing regulations (if any). This license shall not be revoked in that field of use or the geographical areas in which the recipient has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of AID to the extent the recipient, its licensees, or its domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.

(3) Before revocation or modification of the license, AID shall furnish the recipient written notice of its intention to revoke or modify the license, and the recipient shall be allowed thirty days (or such other time as may be authorized by AID for good cause shown by the recipient) after the notice to show cause why the license should not be revoked or modified. The recipient has the right to appeal, in accordance with applicable agency licensing regulations (if any) and the Federal Property Management Regulations concerning the licensing of Government-owned inventions, any decision concerning the revocation or modification of its license.

(f) Recipient Action to Protect the Government's Interest:

(1) The recipient agrees to execute or to have executed and promptly deliver to AID all instruments necessary to (i) establish or conform the rights the Government has throughout the world in those subject inventions to which the recipient elects to retain title, and (ii) convey title to AID when requested under paragraph (d) above, and to enable the Government to obtain patent protection throughout the world in that subject invention.

(i) Preference for United States Industry: Notwithstanding any other provision of this clause, the recipient agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject invention in the United States unless such person agrees that any products embodying the subject invention shall be manufactured substantially in the United States. However, in individual cases, the requirement for such an agreement may be waived by AID upon a showing by the recipient or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

(j) March-in Rights: The recipient agrees that with respect to any subject invention in which it has acquired title, AID has the right to require the recipient, an assignee or exclusive licensee of a subject invention to grant a non-exclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and if the recipient, assignee, or exclusive licensee refuses such a request, AID has the right to grant such a license itself if AID determines that:

(1) Such action is necessary because the recipient or assignee has not taken or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use;

(2) Such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the recipient, assignee, or their licensees;

(3) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the recipient, assignee, or licensees; or

(4) Such action is necessary because the agreement required by paragraph (i) of this clause has not been obtained or waived or because a license of the exclusive right to use or sell any subject invention in the United States is in breach of such agreement.

(k) Special Provisions for Agreements with Nonprofit Organizations: If the recipient is a nonprofit organization, it agrees that:

(1) Rights to a subject invention in the United States may not be assigned without the approval of AID, except where such assignment is made to an organization which has as one of its primary functions the management of inventions and which is not, itself, engaged in or does not hold a substantial interest in other organizations engaged in the manufacture or sale of products or the use of processes that might utilize the invention or be in competition with embodiments of the invention provided that such assignee shall be subject to the same provisions as the recipient.

(2) The recipient may not grant exclusive licenses under the United States patents or patent applications in subject inventions to persons other than small business firms for a period in excess of the earlier of:

(i) Five years from first commercial sale or use of the invention;
or

(ii) Eight years from the date of the exclusive license excepting that time before regulatory agencies necessary to obtain premarket clearance, unless on a case-by-case basis, AID approves a longer exclusive license. If exclusive field of use licenses are granted, commercial sale or use in one field of use shall not be deemed commercial sale or use as to other fields of use and a first commercial sale or use with respect to a product of the invention shall not be deemed to end the exclusive period to different subsequent products covered by the invention.

(3) The recipient shall share royalties collected on a subject invention with the inventor; and

(4) The balance of any royalties or income earned by the recipient with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions, shall be utilized for the support of scientific research or education.

(1) Communications: Communications concerning this provision shall be addressed to the grant officer at the address shown in this agreement.

(END OF STANDARD PROVISION)

PUBLICATIONS (NOVEMBER 1985)

(This provision is applicable when publications are financed under the grant.)

- (a) If it is the grantee's intention to identify AID's contribution to any publication resulting from this grant, the grantee shall consult with AID on the nature of the acknowledgement prior to publication.
- (b) The grantee shall provide the AID project officer with one copy of all published works developed under this grant and with lists of other written work produced under the grant.
- (c) In the event grant funds are used to underwrite the cost of publishing, in lieu of the publisher assuming this cost as is the normal practice, any profits or royalties up to the amount of such cost shall be credited to the grant unless the schedule of the grant has identified the profits or royalties as program income.
- (d) Except as otherwise provided in the terms and conditions of the grant, the author or the recipient is free to copyright any books, publications, or other copyrightable materials developed in the course of or under this grant, but AID reserves a royalty-free nonexclusive and irrevocable right to reproduce, publish, or otherwise use, and to authorize others to use the work for Government purposes.

(END OF STANDARD PROVISION)

NEGOTIATED INDIRECT COST RATES - PROVISIONAL (NOVEMBER 1985)

(This provision is applicable to any organization which does not have predetermined indirect cost rate(s); however, it shall also be included when the NEGOTIATED INDIRECT COST RATES - PREDETERMINED standard provision is used.)

- (a) A provisional indirect cost rate(s) shall be established for each of the grantee's accounting periods during the term of this grant. Pending establishment of a final rate(s), the parties have agreed that provisional payments on account of allowable indirect costs shall be at the rate(s), on the base(s), and for the periods shown in the schedule of this grant.
- (b) Not later than 90 days after the close of the grantee's fiscal year, the grantee shall submit to the cognizant Government Audit Activity in accordance with OMB Circular A-88 proposed final indirect cost rate(s) and supporting cost data. In the event AID is the cognizant agency or no cognizant agency has been designated, the grantee shall submit a copy of the proposed final indirect cost rate(s) and supporting cost data to the AID Inspector General, Washington, D.C. 20523, and to the Overhead and Special Costs - Contract Closeout Branch, Acquisition and Assistance Management, Washington, D.C. 20523. The proposed rate(s) shall be based on the grantee's actual cost experience during that fiscal year. Negotiations of final indirect cost rate(s) shall begin as soon as practical after receipt of the grantee's proposal.
- (c) Allowability of costs and acceptability of cost allocation methods shall be determined in accordance with the applicable cost principles in effect on the date of this grant.
- (d) The results of each negotiation shall be set forth in a written indirect cost rate agreement executed by both parties. Such agreement shall specify (1) the agreed upon final rate(s), (2) the base(s) to which the rate(s) apply, and (3) the period for which the rate(s) apply. The indirect cost rate agreement shall not change any monetary ceiling, grant obligation, or specific cost allowance or disallowance provided for in this grant.
- (e) Pending establishment of final indirect cost rate(s) for any period, the grantee shall be reimbursed either at negotiated provisional rate(s) as provided above or at billing rate(s) acceptable to the grant officer, subject to appropriate adjustment when the final rate(s) for that period are established. To prevent substantial over or under payment, the provisional or billing rate(s) may, at the request of either party, be revised by mutual agreement, either retroactively or prospectively. Any such revision of negotiated provisional rate(s) provided in this standard provision shall be set forth in a modification to this grant.

(f) Any failure by the parties to agree on final rate(s) under this standard provision shall be considered a dispute within the meaning of the standard provision of this grant entitled "Disputes" and shall be disposed of in accordance therewith.

(END OF STANDARD PROVISION)

REGULATIONS GOVERNING EMPLOYEES (NOVEMBER 1985)

(The following applies to the grantee's employees who are not citizens of the cooperating country.)

- (a) The grantee's employees shall maintain private status and may not rely on local U.S. Government offices or facilities for support while under this grant.
- (b) The sale of personal property or automobiles by grantee employees and their dependents in the foreign country to which they are assigned shall be subject to the same limitations and prohibitions which apply to direct-hire AID personnel employed by the Mission except as this may conflict with host government regulations.
- (c) Other than work to be performed under this grant for which an employee is assigned by the grantee, no employee of the grantee shall engage directly or indirectly, either in the individual's own name or in the name or through an agency of another person, in any business, profession, or occupation in the foreign countries to which the individual is assigned, nor shall the individual make loans or investments to or in any business, profession or occupation in the foreign countries to which the individual is assigned.
- (d) The grantee's employees, while in a foreign country, are expected to show respect for its conventions, customs, and institutions, to abide by its applicable laws and regulations, and not to interfere in its internal political affairs.
- (e) In the event the conduct of any grantee employee is not in accordance with the preceding paragraphs, the grantee's chief of party shall consult with the AID Mission Director and the employee involved and shall recommend to the grantee a course of action with regard to such employee.
- (f) The parties recognize the rights of the U.S. Ambassador to direct the removal from a country of any U.S. citizen or the discharge from this grant of any third country national when, in the discretion of the Ambassador, the interests of the United States so require.
- (g) If it is determined, under either (e) or (f) above, that the services of such employee shall be terminated, the grantee shall use its best efforts to cause the return of such employee to the United States, or point of origin, as appropriate.

(END OF STANDARD PROVISION)

PARTICIPANT TRAINING (NOVEMBER 1985)

(This provision is applicable when any participant training is financed under the grant.)

(a) Definition: A participant is any non-U.S. individual being trained under this grant outside of that individual's home country.

(b) Application of Handbook 10: Participant training under this grant is to be conducted according to the policies established in AID Handbook 10, Participant Training, except to the extent that specific exceptions to Handbook 10 have been provided in this grant with the concurrence of the Office of International Training. (Handbook 10 may be obtained by submitting a request to the Office of International Training (S&T/IT), Agency for International Development, Washington, D.C. 20523.) Except for paragraph (h) on orientation, the following paragraphs in this standard provision are not subject to waiver except as specifically stated.

(c) Participant Training Information System: All grantees shall ensure that participants trained in the United States or in a third country are included in the Agency's Participant Training Information System.

The grantee shall fill out form AID 1381-4 entitled "Participant Data" and send it to the addresses indicated on the back of the form. The grantee can obtain a supply of these forms and additional instructions for completing them from the Office of International Training. Data should be submitted prior to the initiation of participant travel. If this is not possible, the forms should be prepared and submitted immediately after arrival of the participant(s). The grantee shall also submit to the Office of International Training a blue copy of the form when subsequent changes in the participant's training program are made and at termination of participant's training program, ensuring that the original participant number (pre-printed on the form) is used.

(d) Visa Requirements for Training Within The United States:

(1) Under the authority of Section 635(f) of the Foreign Assistance Act, AID-sponsored participants are admitted to the United States under the Department of State/USIA Exchange Visitor Program and are issued J-1 visas. The program identification number is G-2-0263.

(2) J-1 visas are issued by the U.S. Embassy or Consulate for AID-sponsored participants upon submission by the participant of Form IAP-66A which may be obtained only from the AID Mission. The Mission retains one copy of the IAP-66A and forwards one copy to AID/S&T/IT.

(3) Holders of J-1 visas are subject to the Immigration and Nationality Act, as amended, and may not apply for an immigrant or an H or L nonimmigrant visa until 2 years' residency is completed in their home country, after completion of training.

(4) Participant passports and visas should normally be valid for six months beyond the duration of the proposed program to allow for program readjustments if necessary. This may not be regarded as an opportunity to encourage program extensions.

(e) Maintenance and Other Allowances: Grantees must observe the maintenance and other allowances for AID-sponsored participants in the United States and third countries as set forth in Handbook 10. No exceptions or variations are permissible except with the advance concurrence of the Office of International Training.

(f) Health and Accident Coverage (HAC) Program For Training Within The United States: The grantee shall enroll all participants training in the United States in AID's HAC Program. HAC Program coverage for an enrolled participant begins at the moment of departure from the host country to the United States until the moment of return to the host country providing, however, that there is not substantial unapproved delay between completion of training under this grant and the return, and that there is no layover at any point to or from the United States except the minimal amount necessary for plane connections.

(1) The HAC Program enables the participant, or the provider of medical services, to submit bills for medical costs resulting from illness and accident to the HAC Claims Office which pays all reasonable and necessary medical charges for covered services not otherwise covered by other insurance programs (see paragraph 6 below), in accordance with the standard coverage established by AID under the HAC Program.

(2) The grantee shall, as early as possible and no later than the initiation of travel to the United States by each participant financed by AID under this grant, fill out form AID 1381-4 entitled "Participant Data" and mail it to the addressees indicated on the back of the form. The grantee can obtain a supply of these forms and instructions for completing them from the Office of International Training at the address indicated in section (b) above.

(3) Enrollment fees shall be submitted, thirty days prior to the beginning of each new enrollment period. Payments will be made via check made payable to A.I.D. and submitted to:

Agency for International Development
Office of Financial Management
Central Accounting Division-Cashier (FM/CAD)
Washington, D.C. 20523

(i) The enrollment fee shall be accompanied by a letter which lists the names of the participants (identical to that on the Participant Data Form), participant I.D. numbers from the Participant Data Form, period of coverage, fee amount paid, grant number, name of grantee, host country, and the U. S. Government appropriation number as shown on the grant.

(ii) The enrollment fees shall be calculated on the basis of fixed rates per participant per each 30 day period. The enrollment fees may not be prorated for fractional periods of less than 30 days and should cover the current training period for which funds are obligated under the grant. Current rates are found in Handbook 10 Participant Training Notices.

(4) The grantee shall assure that enrollment begins immediately upon the participant's departure for the United States for the purpose of participating in a training program financed or sponsored by AID, and that enrollment continues in full force and effect until the participant returns to his or her country of origin or is released from AID's responsibility, whichever occurs first. The grantee shall continue enrollment coverage for participants whose departure is delayed due to medical or other compelling reasons, with the written concurrence of the grant officer.

(5) The grantee shall provide each participant with a copy of the HAC brochure, copies of which are available from S&T/IT at the address indicated in section (b) above.

(6) If the grantee has a mandatory, nonwaivable health and accident insurance program for participants, the costs of such insurance will be allowable under this grant. Any claims eligible under such insurance will not be payable under AID's HAC plan or under this grant. However, even though the participant is covered by the grantee's mandatory, nonwaivable health and accident insurance program, the participant must be enrolled in AID's HAC Program. In addition, a copy of the mandatory insurance policy must be forwarded to the HAC Claims Office.

(7) Medical costs not covered by the grantee's health service program or mandatory, nonwaivable health and accident insurance program, or AID's HAC Program shall not be reimbursable under this grant unless specific written approval from the grant officer has been obtained.

(g) Participant Counseling For Training Within The United States: Problems involving participants such as serious physical or emotional illness, accident or injury, arrest, death, the voluntary or involuntary early termination of a program, and the refusal of a participant to return to the home country upon completion of the program should be referred to the AID Participant Counselor at the Office of International Training.

The Counselor can be reached by calling the Office of International Training during workdays and the AID Duty Officer (202-632-1512) at other times. In referring cases, give the Counselor the name, country, and current location of

the participant as well as a brief description of the problem with names and telephone numbers of hospitals, physicians, attorneys, etc. Following verbal referral, the participant's name, home address, and next of kin, and location of training should be sent to the grant officer, who will transmit the information to the S&T/IT Counselor.

(h) Orientation: In addition to the above mandatory requirements for all participants, grantees are strongly encouraged to provide, in collaboration with the Mission training officer, predeparture orientation (see Chapter 13 of Handbook 10) and orientation in Washington at the Washington International Center (see Chapter 18D of Handbook 10). The latter orientation program also provides the opportunity to arrange for home hospitality in Washington and elsewhere in the United States through liaison with the National Council for International Visitors (NCIV). If the Washington orientation is determined not to be feasible, home hospitality can be arranged in most U.S. cities if a request for such is directed to the grant officer, who will transmit the request to NCIV through S&T/IT.

(END OF STANDARD PROVISION)

PROTECTION OF THE INDIVIDUAL AS A RESEARCH SUBJECT (NOVEMBER 1985)

(This provision is applicable when human subjects are involved in research financed by the grant.)

- (a) Safeguarding the rights and welfare of human subjects involved in research supported by AID is the responsibility of the organization to which support is awarded. It is the policy of AID that no work shall be initiated under any grant for the support of research involving human subjects unless the research is given initial and continuing review and approval by an appropriate committee of the applicant organization. This review shall assure that (1) the rights and welfare of the individuals involved are adequately protected, (2) the methods used to obtain informed consent are adequate and appropriate, and (3) the risks and potential medical benefits of the investigation are assessed.
- (b) The organization must provide written assurance to AID that it will abide by this policy for all research involving human subjects supported by AID. This assurance shall consist of a written statement of compliance with the requirements regarding initial and continuing review of research involving human subjects and a description of the organization's review committee structure, its review procedures, and the facilities and personnel available to protect the health and safety of human subjects. In addition to providing the assurance, the organization must also certify to AID for each proposal involving human subjects that its committee has reviewed and approved the proposed research before any work may be initiated.
- (c) Since the welfare of the subject individual is a matter of concern to AID as well as to the organization; AID advisory groups, consultants, and staff may independently review all research involving human subjects, and prohibit research which presents unacceptable hazards. This provision, however, shall not derogate in any manner from the responsibility of the organization set forth herein.
- (d) All of the above provisions apply to any research involving human subjects conducted outside of the United States and, in addition, such overseas research will conform to legal and other requirements governing human research in the country where they are conducted.
- (e) In addition to the procedures set forth above, studies with unmarketed drugs will be carried out in accordance with provisions applicable in the country where the study is conducted. In the United States, the regulations of the Food and Drug Administration will be followed and evidence of such compliance provided to AID.

(f) Guidance on procedures to safeguard human subjects involved in research is found in Title 45, Part 46, of the Code of Federal Regulations. Compliance with these procedures, except as modified above, is required.

(END OF STANDARD PROVISION)

TITLE TO AND USE OF PROPERTY (GRANTEE TITLE) (NOVEMBER 1985)

(This provision is applicable when the Government vests title to property in the grantee only.)

Title to all property financed under this grant shall vest in the grantee, subject to the following conditions:

(a) The grantee shall not charge for any depreciation, amortization, or use of any property, title to which remains in the grantee under this provision under this grant or any other U.S. Government agreement, subagreement, contract, or subcontract.

(b) The grantee agrees to use and maintain the property for the purpose of the grant in accordance with the requirements of paragraphs (c), (d), (e), and (f) below.

(c) Real Property:

(1) Real property means land, including land improvements, structures and appurtenances thereto, but excluding movable machinery and equipment.

(2) Use of Real Property:

(i) The grantee shall use the real property for the authorized purpose of the project, as long as it is needed.

(ii) The grantee shall obtain approval from AID for the use of real property in other projects when the grantee determines that the property is no longer needed for the purpose of the original program. Use in other programs shall be limited to those under other federally sponsored programs (i.e., grants or other agreements) that have purposes consistent with those authorized for support by AID.

(3) Disposition of Real Property: When the real property is no longer needed as provided in (2) above, the grantee shall request disposition instructions from AID or its successor Federal sponsoring agency. AID or the successor Federal sponsoring agency shall observe the following rules in the disposition instructions:

(i) The grantee may be permitted to retain title after it compensates the Federal Government in an amount computed by applying the Federal percentage of participation in the cost of the original program to the fair market value of the property.

(ii) The grantee may be directed to sell the property under guidelines provided by the Federal sponsoring agency and pay the Federal Government an amount computed by applying the Federal percentage of participation in the cost of the original program to the proceeds from sale (after deducting actual and reasonable selling and fix-up expenses, if any,

from the sales proceeds). When the grantee is authorized or required to sell the property, proper sales procedures shall be established that provide for competition to the extent practicable and result in the highest possible return.

(iii) The grantee may be directed to transfer title to the property to the Federal Government provided that in such cases the grantee shall be entitled to compensation computed by applying the grantee's percentage of participation in the cost of the program to the current fair market value of the property.

(d) Nonexpendable Property:

(1) Nonexpendable personal property means tangible personal property having a useful life of more than two years and an acquisition cost of \$500 or more per unit.

(2) Use of Nonexpendable Personal Property:

(i) The grantee shall use the property in the program for which it was acquired as long as needed, whether or not the program continues to be supported by Federal funds. When no longer needed for the original program, the grantee shall use the property in connection with its other federally sponsored activities in the following order of priority:

(A) Activities sponsored by AID.

(B) Activities sponsored by other Federal agencies.

(ii) Shared use - During the time that nonexempt nonexpendable personal property is held for use on the program for which it was acquired the grantee shall make it available for use on other programs if such other use will not interfere with the work on the program for which the property was originally acquired. First preference for such other use shall be given to other programs sponsored by AID; second preference shall be given to programs sponsored by other Federal agencies. User charges should be considered if appropriate.

(3) Disposition Of Nonexpendable Personal Property - With A Unit Acquisition Cost Of Less Than \$1,000: The grantee may use the property for other activities without reimbursement to the Federal Government or sell the property and retain the proceeds.

(4) Disposition Of Nonexpendable Personal Property With A Unit Acquisition Cost Of \$1,000 Or More:

(i) The grantee agrees to report such items to the grant officer from time to time as they are acquired and to maintain a control system which will permit their ready identification and location.

(ii) The grantee may retain the property for other uses provided that compensation is made to AID or its successor. The amount of compensation shall be computed by applying the percentage of Federal participation in the cost of the original program to the current fair market value of the property. If the grantee has no need for the property and the property has further use value, the grantee shall request disposition instructions from AID.

(iii) AID shall determine whether the property can be used to meet AID requirements. If no requirement exists within AID the availability of the property shall be reported to the General Services Administration by AID to determine whether a requirement for the property exists in other Federal agencies. AID shall issue instructions to the recipient no later than 120 days after the grantee's request and the following procedures shall govern:

(A) If so instructed or if disposition instructions are not issued within 120 calendar days after the grantee's request, the grantee shall sell the property and reimburse AID an amount computed by applying to the sales proceeds that percentage of Federal participation in the cost of the original program. However, the grantee shall be permitted to deduct and retain from the Federal share \$100 or ten percent of the proceeds, whichever is greater, for the grantee's selling and handling expenses.

(B) If the grantee is instructed to ship the property elsewhere, the grantee shall be reimbursed by the benefiting Federal agency with an amount which is computed by applying the percentage of the recipient's participation in the cost of the original grant program to the current fair market value of the property, plus any reasonable shipping or interim storage costs incurred.

(C) If the grantee is instructed to otherwise dispose of the property, the grantee shall be reimbursed by AID for such costs incurred in its disposition.

(e) Expendable Personal Property:

(1) Expendable personal property means all tangible personal property other than nonexpendable property.

(2) The grantee shall use the expendable personal property for the authorized purpose of the grant program, as long as it is needed.

(3) If there is a residual inventory of such property exceeding \$1,000 in total aggregate fair market value, upon termination or completion of the grant and the property is not needed for any other federally sponsored program, the grantee shall retain the property for use on nonfederally sponsored activities, or sell it, but must in either case, compensate the Federal Government for its share. The amount of compensation shall be computed in the same manner as nonexpendable personal property.

(f) The grantee's property management standards for nonexpendable personal property shall include the following procedural requirements:

(1) Property records shall be maintained accurately and shall include:

(i) A description of the property.

(ii) Manufacturer's serial number, model number, Federal stock number, national stock number, or other identification number.

(iii) Source of the property, including grant or other agreement number.

(iv) Whether title vests in the grantee or the Federal Government.

(v) Acquisition date and cost.

(vi) Percentage (at the end of the budget year) of Federal participation in the cost of the project or program for which the property was acquired.

(vii) Location, use, and condition of the property and the date the information was reported.

(viii) Unit acquisition cost.

(ix) Ultimate disposition data, including date of disposal and sales price or the method used to determine current fair market value where the grantee compensates AID for its share.

(2) A physical inventory of property shall be taken and the results reconciled with the property records at least once every two years. Any differences between quantities determined by the physical inspection and those shown in the accounting records shall be investigated to determine the causes of the difference. The grantee shall in connection with the inventory, verify the existence, current utilization, and continued need for the property. The inventory listing shall be retained as documentation in accordance with the standard provision of this grant entitled "Accounting, Audit, and Records."

(3) A control system shall be in effect to insure adequate safeguards to prevent loss, damage, or theft of the property. Any loss, damage, or theft of nonexpendable property shall be investigated and fully documented.

(4) Adequate maintenance procedures shall be implemented to keep the property in good condition.

(5) Where the grantee is authorized or required to sell the property, proper sales procedures shall be established which would provide for competition to the extent practicable and result in the highest possible return.

(END OF STANDARD PROVISION)

TITLE TO AND CARE OF PROPERTY (COOPERATING COUNTRY TITLE) (NOVEMBER 1985)

(This provision is applicable to property titled in the name of the cooperating country or such public or private agency as the cooperating country government may designate.)

(a) Except as modified by the schedule of this grant, title to all equipment, materials and supplies, the cost of which is reimbursable to the grantee by AID or by the cooperating country, shall at all times be in the name of the cooperating country or such public or private agency as the cooperating country may designate, unless title to specified types or classes of equipment is reserved to AID under provisions set forth in the schedule of this grant. All such property shall be under the custody and control of grantee until the owner of title directs otherwise or completion of work under this grant or its termination, at which time custody and control shall be turned over to the owner of title or disposed of in accordance with its instructions. All performance guarantees and warranties obtained from suppliers shall be taken in the name of the title owner.

(b) The grantee shall maintain and administer in accordance with sound business practice a program for the maintenance, repair, protection, and preservation of Government property so as to assure its full availability and usefulness for the performance of this grant. The grantee shall take all reasonable steps to comply with all appropriate directions or instructions which the grant officer may prescribe as reasonably necessary for the protection of the Government property.

(c) The grantee shall prepare and establish a program, to be approved by the appropriate AID Mission, for the receipt, use, maintenance, protection, custody and care of equipment, materials and supplies for which it has custodial responsibility, including the establishment of reasonable controls to enforce such program. The grantee shall be guided by the following requirements:

(1) Property Control: The property control system shall include but not be limited to the following:

(i) Identification of each item of cooperating country property acquired or furnished under the grant by a serially controlled identification number and by description of item. Each item must be clearly marked "Property of (insert name of cooperating country)."

(ii) The price of each item of property acquired or furnished under this grant.

(iii) The location of each item of property acquired or furnished under this grant.

(iv) A record of any usable components which are permanently removed from items of cooperating country property as a result of modification or otherwise.

(v) A record of disposition of each item acquired or furnished under the grant.

(vi) Date of order and receipt of any item acquired or furnished under the grant.

(vii) The official property control records shall be kept in such condition that at any stage of completion of the work under this grant, the status of property acquired or furnished under this grant may be readily ascertained. A report of current status of all items of property acquired or furnished under the grant shall be submitted yearly concurrently with the annual report.

(2) Maintenance Program: The grantee's maintenance program shall be consistent with sound business practice, the terms of the grant, and provide for:

(i) disclosure of need for and the performance of preventive maintenance,

(ii) disclosure and reporting of need for capital type rehabilitation, and

(iii) recording of work accomplished under the program:

(A) Preventive maintenance - Preventive maintenance is maintenance generally performed on a regularly scheduled basis to prevent the occurrence of defects and to detect and correct minor defects before they result in serious consequences.

(B) Records of maintenance - The grantee's maintenance program shall provide for records sufficient to disclose the maintenance actions performed and deficiencies discovered as a result of inspections.

(C) A report of status of maintenance of cooperating country property shall be submitted annually concurrently with the annual report.

(d) Risk of Loss:

(1) The grantee shall not be liable for any loss of or damage to the cooperating country property, or for expenses incidental to such loss or damage except that the grantee shall be responsible for any such loss or damage (including expenses incidental thereto):

(i) Which results from willful misconduct or lack of good faith on the part of any of the grantee's directors or officers, or on the part of any of its managers, superintendents, or other equivalent representatives, who have supervision or direction of all or substantially all of the grantee's business, or all or substantially all of the grantee's operation at any one plant, laboratory, or separate location in which this grant is being performed

(ii) Which results from a failure on the part of the grantee, due to the willful misconduct or lack of good faith on the part of any of its directors, officers, or other representatives mentioned in (i) above:

(A) to maintain and administer, in accordance with sound business practice, the program for maintenance, repair, protection, and preservation of cooperating country property as required by (i) above, or

(B) to take all reasonable steps to comply with any appropriate written directions of the grant officer under (b) above;

(iii) For which the grantee is otherwise responsible under the express terms designated in the schedule of this grant;

(iv) Which results from a risk expressly required to be insured under some other provision of this grant, but only to the extent of the insurance so required to be procured and maintained, or to the extent of insurance actually procured and maintained, whichever is greater; or

(v) Which results from a risk which is in fact covered by insurance or for which the grantee is otherwise reimbursed, but only to the extent of such insurance or reimbursement;

(vi) Provided, that, if more than one of the above exceptions shall be applicable in any case, the grantee's liability under any one exception shall not be limited by any other exception.

(2) The grantee shall not be reimbursed for, and shall not include as an item of overhead, the cost of insurance, or any provision for a reserve, covering the risk of loss of or damage to the cooperating country property, except to the extent that AID may have required the grantee to carry such insurance under any other provision of this grant.

(3) Upon the happening of loss or destruction of or damage to the cooperating country property, the grantee shall notify the grant officer thereof, shall take all reasonable steps to protect the cooperating country property from further damage, separate the damaged and undamaged cooperating country property, put all the cooperating country property in the best possible order, and furnish to the grant officer a statement of:

- (i) The lost, destroyed, or damaged cooperating country property;
- (ii) The time and origin of the loss, destruction, or damage;
- (iii) All known interests in commingled property of which the cooperating country property is a part; and
- (iv) The insurance, if any, covering any part of or interest in such commingled property.

(4) The grantee shall make repairs and renovations of the damaged cooperating country property or take such other action as the grant officer directs.

(5) In the event the grantee is indemnified, reimbursed, or otherwise compensated for any loss or destruction of or damage to the cooperating country property, it shall use the proceeds to repair, renovate or replace the cooperating country property involved, or shall credit such proceeds against the cost of the work covered by the grant, or shall otherwise reimburse AID, as directed by the grant officer. The grantee shall do nothing to prejudice AID's right to recover against third parties for any such loss, destruction, or damage, and upon the request of the grant officer, shall, at the Government's expense, furnish to AID all reasonable assistance and cooperation (including assistance in the prosecution of suits and the execution of instruments or assignments in favor of the Government) in obtaining recovery.

(e) Access: AID, and any persons designated by it, shall at all reasonable times have access to the premises wherein any cooperating country property is located, for the purpose of inspecting the cooperating country property.

(f) Final Accounting and Disposition of Cooperating Country Property: Within 90 days after completion of this grant, or at such other date as may be fixed by the grant officer, the grantee shall submit to the grant officer an inventory schedule covering all items of equipment, materials and supplies under the grantee's custody, title to which is in the cooperating country or public or private agency designated by the cooperating country, which have not been consumed in the performance of this grant. The grantee shall also indicate what disposition has been made of such property.

(g) Communications: All communications issued pursuant to this provision shall be in writing.

(END OF STANDARD PROVISION)

b6

USE OF POUCH FACILITIES (NOVEMBER 1985)

(This provision is applicable when activities under the grant will take place outside of the United States.)

(a) Use of diplomatic pouch is controlled by the Department of State. The Department of State has authorized the use of pouch facilities for AID grantees and their employees as a general policy, as detailed in items (1) through (6) below. However, the final decision regarding use of pouch facilities rest with the Embassy or AID Mission. In consideration of the use of pouch facilities, the grantee and its employees agree to indemnify and hold harmless, the Department of State and AID for loss or damage occurring in pouch transmission:

(1) Grantees and their employees are authorized use of the pouch for transmission and receipt of up to a maximum of two pounds per shipment of correspondence and documents needed in the administration of assistance programs.

(2) U.S. citizen employees are authorized use of the pouch for personal mail up to a maximum of one pound per shipment (but see (a)(3) below).

(3) Merchandise, parcels, magazines, or newspapers are not considered to be personal mail for purposes of this standard provision and are not authorized to be sent or received by pouch.

(4) Official and personal mail pursuant to (a)(1) and (2) above sent by pouch should be addressed as follows:

Name of individual or organization (followed by
letter symbol "G")
Name of post (USAID/_____)
Agency for International Development
Washington, D.C. 20523

(5) Mail sent via the diplomatic pouch may not be in violation of U.S. Postal laws and may not contain material ineligible for pouch transmission.

(6) AID grantee personnel are not authorized use of military postal facilities (APO/FPO). This is an Adjutant General's decision based on existing laws and regulations governing military postal facilities and is being enforced worldwide. Posts having access to APO/FPO facilities and using such for diplomatic pouch dispatch, may, however, accept the grantee's official and personal mail for pouch, provided of course, adequate postage is affixed.

(b) The grantee shall be responsible for advising its employees of this authorization, these guidelines, and limitations on use of pouch facilities.

(c) Specific additional guidance on grantee use of pouch facilities in accordance with this standard provision is available from the Post Communication Center at the Embassy or AID Mission.

(END OF STANDARD PROVISION)

CONVERSION OF UNITED STATES DOLLARS TO LOCAL CURRENCY (NOVEMBER 1985)

(This provision is applicable when activities under the grant will take place outside of the United States.)

Upon arrival in the Cooperating Country, and from time to time as appropriate, the grantee's chief of party shall consult with the Mission Director who shall provide, in writing, the procedure the grantee and its employees shall follow in the conversion of United States dollars to local currency. This may include, but is not limited to, the conversion of currency through the cognizant United States Disbursing Officer or Mission Controller, as appropriate.

(END OF STANDARD PROVISION)

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