

PDEBE 327

UNITED STATES OF AMERICA
AGENCY FOR INTERNATIONAL DEVELOPMENT
Nouakchott, Mauritania

United States Address
USAID / Nouakchott
Agency for International Development
Washington, D. C. 20523

International Address:
U. S. A. I. D.
Ambassade Américaine
Boite Postale 222
Nouakchott, Mauritania

Official File Copy

March 26, 1985

Mr. Andrew Oerke
President
Partnership for Productivity/
International (PFP)
2001 S Street, N.W.
Washington, D.C. 20009

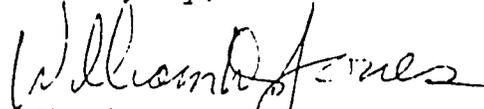
Subject: Dirol Operations Research Project (682-0934)

Dear Mr. Oerke,

Enclosed is the original of the Cooperative Agreement with USAID/Mauritania for the Dirol Operations Research Project (682-0214). Please sign the original (page 2) and send two copies of the signed document to Satish Shah, AFR/PD/SWAP for distribution within A.I.D. Please advise us by telegram when Agreement is countersigned.

We look forward to working with your field representatives upon their arrival in Mauritania.

Sincerely,



William D. Jones
Project Development Officer

Enclosures

JLH/sap

25 MAR 1985

Mr. Andrew Gerke
President
Partnership for Productivity/International (PPI)
2001 S Street, N.W.
Washington, D.C. 20009

Subject: ~~Dirol Operations~~ Research Project (682-0934)

Dear Mr. Gerke:

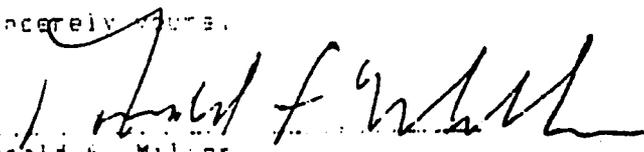
Pursuant to the authority contained in the Foreign Assistance Act of 1961, as amended, the Agency for International Development (hereinafter referred to as "A.I.D." or "Grantor") hereby grants to the Partnership for Productivity International, (hereby referred to as "PPI" or "Recipient"), the sum of \$500,000 to provide support for a program in Mauritania, as described in the Schedule of this agreement and the Attachment I, entitled "Program Description".

This agreement is effective and obligation is made as of the date of this letter and shall apply to commitments made by the Grantee in furtherance of program objectives during the period beginning with the effective date and ending April 15, 1987 (two years from the anticipated arrival of the PPI technical assistance team).

This agreement is made with PPI, on condition that the funds will be administered in accordance with the terms and conditions as set forth in Attachment I, entitled "Schedule", Attachment II, entitled "Amplified Project Description," and Attachment III entitled "Standard Provisions," which have been agreed to by your organization.

Please sign the original and seven (7) copies of this letter to acknowledge your receipt of the grant, and return the original and six (6) copies to the Office of Contract Management.

Sincerely yours,


Donald P. Miller
Director, USAID/Mauritania

Attachments:

- I. Schedule
- II. Program Description
- III. Standard Provisions

ACKNOWLEDGED:

PARTNERSHIP FOR PRODUCTIVITY/INTERNATIONAL

By : Andrew H. Clarke
Title: President
Date: 4/9/85

FISCAL DATA

Appropriation : 72-11x1012
Budget Plan Code : GSHX85 21682 KG13
PTO/T No. : 682-0934-3-50016
Project No. : 682-0934
Total Estimated Amount: 1500,000.00
Total Obligated Amount: 1500,000.00
IRS Employer Identification Number : _____
Funding source : AID/W USAID

SCHEDULE**I. Purpose of Agreement**

This Agreement, entered into on the _____ day of _____, 1985, between Partnership for Productivity/International ("PfP"), a private, non-profit voluntary organization organized under the laws of the District of Columbia, and the United States of America, acting through the United States Agency for International Development ("A.I.D."), provides support for PfP to develop and test a methodology for assisting the population of the Dirol Plain in Mauritania to increase their agricultural productivity. PfP will do so by conducting two years of operational research activities to improve the utilization and management of local water, agricultural and human resources. In conducting this pilot project, PfP will introduce appropriate kinds and amounts of technical assistance, production inputs, and credit; monitor and document operational research results; and coordinate with other research, analysis and implementation efforts in the region. AID will provide financing for technical assistance, commodities, operating costs, salaries for locally hired staff, and a loan fund. The Project is more fully described in the attached Amplified Project Description (Attachment II) and in PfP's proposal of December, 1984. This Agreement also includes Attachment III ("Standard Provisions").

II. Amount of Agreement and Payment

To assist PfP to meet the costs of carrying out the Project, AID, pursuant to the Foreign Assistance Act of 1961, as amended, agrees to grant to PfP under the terms of this Agreement not to exceed Five Hundred Thousand United States ("U.S.") dollars (\$500,000) ("Agreement").

PfP will provide resources (including those provided on an "in-kind" basis by itself and non-federal third parties) in support of the Project of a value not less than the equivalent of One Hundred Seventy-One Thousand United States Dollars (\$171,000).

Funds disbursed by A.I.D. but uncommitted by PfP at the expiration of this period shall be refunded to A.I.D. Funds will be administered in accordance with all terms and conditions set forth in this Agreement, including those contained in Attachment I, II and III.

III. Period of Agreement

This Agreement is effective as of the date in paragraph 1 above and is applicable to commitments made by PfP in support of the Project from such date through approximately April 15, 1987.

IV. Substantial Involvement

This Agreement contemplates the following substantial involvement of A.I.D. in the Project:

- A. A.I.D. will provide feedback on all reports described in Attachment II and assist PfP in resolution of any implementation problems identified therein.
- B. A.I.D. approval of each Operational Research Activity ("ORA") is required.
- C. A.I.D. approval is required for the "Work Plan for the Coming Quarter" section of each Quarterly Activities Report, described more fully in Attachment II.
- D. A.I.D. will facilitate project implementation by soliciting the cooperation of the Ministry of Rural Development.
- E. A.I.D. will participate in the evaluation scheduled in October 1986 as further described in Attachment II.
- F. Within the limits of available staff time, A.I.D. will provide to PfP, as needed, technical advice and information utilizing AID's Mauritania and regional staff for this Project.

V. Reports and Evaluation

All reports requested by this provision shall be submitted in French and English, one copy of each version to USAID/Mauritania, and one copy of the French version to the Ministry of Rural Development. USAID will assist PFP in translating these reports, to the extent its capacity permits.

- A. Quarterly Activity Reports -- PFP shall submit quarterly reports on its progress under this Agreement due within two weeks of the end of the first, second and third quarters of each year of activities. Unless otherwise directed quarters will be dated from the arrival date of PFP's field representatives. In the fourth quarter of each year the annual report will be submitted in place of the quarterly report. The contents of these reports are described in Attachment II.
- B. Draft Operational Research Plan -- PFP shall submit along with its first quarterly report a draft Operational Research Plan for A.I.D.'s comments and approval, and all base line data collected during the first 3 months.
- E. Annual Reports -- PFP shall submit an annual report on its progress due within two weeks of the end of the first year and before the PFP representatives depart from post at the end of the second year. Unless otherwise directed years will be dated from the arrival date of PFP's field representatives. The contents of these reports are described in Attachment II.

- D. **Project Evaluation** -- A project evaluation will be conducted by an outside consultant mutually agreed upon by A.I.D. and PFP, with the participation of a representative of USAID/Mauritania. The evaluation will be held approximately in October 1986 to allow time for PFP to act on, test and incorporate recommendations before the conclusion of the Project. The evaluation will assess the progress to date and provide recommendations for future actions. The contents of this evaluation are described more fully in Attachment II.
- E. **Financial Reports** -- As required by clause 7A(C) of Attachment III, PFP will submit a "Financial Status Report", SF-269, on a quarterly basis in the form and manner prescribed in clause 7A(C). These reports should accompany the Quarterly Activity Reports referred to above. The requirements relating to these reports are more fully described in Attachments II and III.

VI. Negotiated Overhead Rates

For purposes of this Agreement, an overhead rate of 24.25% will apply until revised in writing by A.I.D. by Project Implementation Letter ("FIL") or amendment to this Agreement.

VII. Financial Plan

The Financial Plan is included as part of Attachment II, and may be revised by written agreement of A.I.D. and PFP without formal amendment of this Agreement.

VIII. Project Implementation Letters

To assist PFP in the implementation of the Project, AID from time to time may issue PILs that will furnish additional information or guidance to PFP about matters stated in this Agreement. The Parties may also use PILs to confirm and record their mutual understanding on aspects of the implementation of this Agreement.

IX. Cooperation The Parties to this Agreement will cooperate to assure that the purpose of this Agreement will be accomplished. To this end, the Parties, at the request of any Party, will exchange views on the progress of the Project, the performance of obligations under this Agreement, the performance of any consultants, contractors, or suppliers engaged on the Project, and on other matters relating to the Project.

X. Special Provisions

1. PFP will be responsible for establishing and maintaining direct relations with the Ministry of Rural Development, including entering into Letters of Understanding therewith as appropriate and keeping them well-informed of all Project activities and results thereof.
2. AID written approval is requested for each ORA and each quarterly Work Plan. Such approval/disapproval will be given within two weeks from the day USAID receives the written request for approval of the ORA and/or the quarterly work plan.

XI. Title to Property

Title for all property under this agreement shall be vested in PFP.

XII. Authorized Geographic Code

The authorized Geographic Code for procurement of goods and services under this grant is 935. The order of preference for procurement is listed in the Alterations in Grant attachment to the Standard Provisions for Nonprofit Organizations (see Attachment III).

XIII. Representatives

For all purposes relevant to this agreement, PFP will be represented by the individuals duly authorized to represent the President of PFP and HHS will be represented by the Director of the Office of Management and Enterprise Services. For purposes of the agreement, HHS will be represented by the Director of the Office of Management and Enterprise Services and the individuals designated in writing as representatives. Designated representatives may be duly authorized to act as specified until receipt of written notification of revocation of that authority.

ATTACHMENT II

AMPLIFIED PROJECT DESCRIPTION

DIROL PLAIN OPERATIONS RESEARCH

A. Purpose of the Project

The purpose of the Project is to develop and test a methodology for assisting the population of the Dirol Plain area of Mauritania to increase their productivity through improved utilization and management of local, water, agricultural, and human resources.

B. Specific Objectives

Project activities will be guided by the following key objectives:

1. To optimize the use of water resources. This will include developing and testing methods (a) to improve the drainage, collection and storage of water, (b) to improve the control and management of irrigated water by villagers, and (c) to increase use of well water through improvements in water lifting, storage and transport methods. Testing will include identifying appropriate methods for introducing innovations to the local population.
2. To increase and diversify agricultural production along the existing perimeters and other agricultural areas in the region. This will include (a) increasing the available surface for production either through additional food recessional activities or more thorough utilization of irrigated perimeters, (b) increasing yield per hectare through improved agricultural techniques (c) diversifying crops and (d) integrating animal husbandry with agricultural production.
3. To promote agriculturally related small enterprise as a complement to agricultural and regional productivity. This will include provision of technical assistance and small amounts of credit to key non-farm agriculture-related industries, if this assistance will remove identified constraints to farm productivity.

All information gathered in support of and through these activities will be documented and shared with other research and implementation activities in the region.

C. Outputs

As a result to PfP's two year pilot project, the following project outputs are anticipated:

1. A PfP presence in the Dirol Plain including an expatriate team, field agents, operational systems for conducting the ORA activities, etc.
2. Field agent training for PfP's personnel and other personnel as interested from the other agricultural organizations operating in the Dirol Plain.
3. Baseline data collected and contributed to the Water Management Synthesis II Project research effort which will conduct a more in-depth socio-economic analysis of the region; and to the various engineering studies to be conducted in the Dirol Plain.
4. Testing of a minimum of 10 hypotheses for improved water management and agricultural production.
5. The provision of technical assistance, credit and access to inputs for approximately 200 farmers in the Dirol Plain, to introduce improved water management and agricultural production.
6. The provision of technical assistance, credit and access to inputs for approximately 30 off-farm agriculturally related economic activities.
7. The development of technical packages for improved agricultural production and water management techniques.
8. Coordination with other research and analysis conducted by AID sponsored initiatives as it relates to the Mauritanian River Valley Development Strategy.
9. Coordination with other Mauritanian development institutions in the Dirol Plain and projections for the future institutionalization of this effort in the region.

D. Inputs

Project inputs will come from A.I.D., PfP and, indirectly through PfP, the GIRM. Sources and uses of Project resources are described below and in the Financial Plan herein.

1. A.I.D. Inputs

- salaries, benefits, travel, housing and other allowances of 2 long-term technical advisors
- 2 vehicles, 4 motorcycles and 4 rototillers
- equipment, tools, computer
- salaries and allowances of 4 locally hired agents, mechanic, and secretary
- operational and administrative costs
- loan fund and demonstration grant fund
- office and field support equipment
- salaries, fuel expense, etc. of short-term consultants.

2. PfP Inputs

Directly through PFP:

- Pipes and connectors
- Different size motors
- Chemical Sprayers
- Spare parts for pumps

Indirectly through PFP:

- Seeds and fertilizers
- Ag. Extension Agents Services from SONADER and the School of Agriculture
- Use of the FAO Ag. Lab.

Implementation Activities - Illustrative

IR ONE

Quarter I: April 15 - July 31, 1985

1. Finalize Cooperative Agreement with USAID.
2. Recruit General Manager, Ag/Water Advisor.
3. Order equipment and vehicles.
4. General manager travels to Mauritania, identifies office, residences for expatriate advisors.
5. Conduct introductory meetings with SONADER, CNRADA and other pertinent agencies.
6. Pursue legal registration as required in Mauritania.
7. Prepare Draft Operational Research Plan.
8. Initiate recruitment of Mauritanian Counterparts and administrative personnel.
9. ~~Initiate baseline survey.~~

Milestone Quarter 1:

1. General Manager and Ag/Water Advisor in country.
2. Offices opened, program operation initiated.
3. Draft Operational Research Plan submitted to USAID.
4. Baseline survey instrument and methodology submitted to USAID.
5. Submission of quarter report.

Quarter 2: August-October, 1985

1. Begin and complete recruitment for field agents, counterparts, and administrative personnel scheduled for year 1.
2. Finalize ordering of vehicles and equipment for year 1.
3. Initiate staff training.
4. Identify participating farmers.
5. Initiate Operational Research Activities.
6. Hold initial collaborative meetings with the other participating agricultural agencies.
7. Submission of quarter report.

Milestone Quarter 2:

1. All year one staff hired and in place.
2. Staff training initiated.
3. Participating farmers identified.
4. ORA and inter-institutional coordination initiated.
5. Six month report submitted.
6. Baseline survey submitted.
7. Submission of quarterly report.

Quarter 3: November-January, 1985

1. Conduct ORA for dry season activities.
2. Continue staff training.

Milestone Quarter 3:

1. Initiation of extension activities.

Quarter 4: February-April, 1986

1. Conduct ORA for agriculture and water. Analyze results from dry season trials.
2. Initiate credit and assistance to agriculturally related enterprises.
3. Procurement additional equipment for year 2.
4. Prepare Annual Report.

Milestone Quarter 4:

1. Analysis of dry season ORA.
2. Assistance to agriculturally related enterprises.
3. Annual Report submitted.

YEAR TWO

Quarter 1: May-July, 1986

1. Develop agriculture and water technical packages on the basis of initial results of ORA. Define second generation ORA hypotheses for field testing.
2. Identify up to 200 farmers for participation in the project and initiate publicity, village meetings.
3. Conduct Ag/Water activities for planting and other appropriate rainy season activities.

Milestone Quarter 1:

1. Agricultural and water management technical packages developed.
2. Second generation Ag/Water ORA hypotheses defined.
3. Submission of quarterly report.

Quarter 2: August-October, 1986

1. Field agents organizing ORA with 200 farmers in water and agricultural areas.
2. Prepare for evaluation.

Milestone Quarter 2:

1. ORA underway with full complement of farmers.
2. Submission of quarterly report.

Quarter 3: November-January, 1987

1. Conduct Ag/Water ORA.
2. Conduct evaluation.

Milestone Quarter 3:

1. Evaluation.
2. Submission of quarterly report.

Quarter 4: February-April 15, 1987

1. Conduct Ag/Water ORA and Implementation.
2. Act on evaluation recommendations.
3. Prepare Final Report, incorporating learnings from ORA and from evaluation.

Milestone Quarter 4:

1. Final report.

F. Reports/Evaluation

All reports required by this provision shall be in French and English. A.I.D. shall receive a copy of each, and the Ministry of Rural Development shall be forwarded a copy of the French version.

1. Quarterly Reports

PfP shall submit a Quarterly Activity Report on its progress under this Agreement within two weeks of the end of the first, second and third quarters of each year's activities. Unless otherwise directed quarters will be dated from the arrival date of PfP's field representatives. In the fourth quarter of each year the annual report will be submitted in place of the quarterly report. Each quarterly report will present the following information:

- a. A description of activities and accomplishment since the previous report;
- b. Identification of problem areas or constraints which have or may inhibit the attainment of Project objectives or Project implementation according to schedule;
- c. Proposed methods of dealing with item (b) problem areas or constraints, including actions required of AID to facilitate project implementation;
- d. A Work Plan for the coming reporting period by category of activity.
- e. In addition, for the second Quarterly Report only, all base line data collected during the period should be compiled and attached to the report and commented therein.
- f. The status of the credit fund will be fully documented in each quarterly report.

2. Annual Report/Final Report

An Annual Report will be submitted within two weeks of the end of the first year. A Final Report will be submitted before the PfP staff depart from post at the end of the second year. Unless otherwise directed years will be dated from the arrival date of PfP's field representatives. These reports will include the following:

- a. A description of activities and accomplishments since Project inception.

- b. A description of problem areas or constraints which have inhibited or are inhibiting the attainment of Project objectives or Project implementation according to schedule. A statement of the method chosen to deal with the problem area or constraint along with an analysis of its effectiveness will be included for each problem area or constraint noted.
- c. An evaluation, to the degree feasible, of each ORA and the overall impact of the Project including completion of quantifiable objectives wherever applicable. In the final report this will take the form of a financial/economic/technical summary of each ORA.
- d. An analysis of how Project implementation stands in relation to its original implementation schedule and how, if behind schedule, implementation might be accelerated to meet target dates. Any needs to formally reschedule Project implementation should be noted.
- e. For the first annual report only, implementation plans for the remainder of Project life, should be included. Major redirection/revisions to implementation strategy outlined in the Project Agreement should be noted.
- f. A summary analysis of sources and uses of Project funds. The analysis should include a forecast of excess or insufficiency of Project funding for completion of Project implementation.
- g. A narrative statement presenting the findings of ORA and containing recommendations for parallel or follow-up activities which would enhance the attainment of Project and/or AID development goals in the region.

3. Financial Reports

As required in clause 7A(C) of Attachment III, PFP will submit a "Financial Status Report", SF-269, on a quarterly basis in the form and manner prescribed in clause 7A(C). A copy of these reports will be submitted to the Office of Financial Management, Attn: M/FM/PAFD, Agency for International Development, Washington, D.C. 20523, and the Controller USAID/Mauritania, Nouakchott.

4. Project Evaluation

A project evaluation will be conducted by an outside consultant mutually agreed upon by A.I.D. and PFP, with the participation of a representative of USAID/Mauritania. The evaluation will be held approximately in October 1986. It will assess the progress to date and provide recommendations for future operations. Some of the points which should be addressed include the following:

- a. Administration: Has the Project geared up as originally planned? Were staff recruited, fielded, trained and currently in operation? How well were equipment and vehicles procured, administrative systems established, financial monitoring and reporting implemented?
- b. Water Management and Agricultural Production: What have been the results of the water and agricultural innovations and technical "packages"?
- c. Agriculturally Related Enterprises: Have the services to the agriculturally related enterprises had a positive effect on agricultural production?
- d. Institutional Options: Should this Carol Creek O&A develop into a discrete program? Should this be merged into SONADER? (The evaluation should assess the advantages and disadvantages of the various alternatives.)
- e. Project Performance: What has been the extent and the quality of program activities for the Water Resource Management and Agricultural production areas (the number of farms assisted, assessment of the technical packages in terms of their potential contribution of improved farm systems, etc.)?
- f. Project Impact: Is there an increased awareness of and better use of water resources? Have agricultural practices been up-graded? Has the farmer introduced time-saving methods such as mechanization? Has the farmer increased his or her yields, increased the surface of production, diversified crop choices, integrated livestock more efficiently into the overall cycle of production? Is the farmer able to market his or her additional produce? Have farmers increased their incomes? Have other agencies participated in inter-agency collaboration? Have they adopted any of the technical packages developed by the program? Is there greater availability of agricultural inputs? Has the program influenced the marketing systems for agricultural products?

G. Financial Plan

BUDGET SUMMARY SHEET

<u>I</u>	<u>A.I.D. Contribution</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Total</u>
1.	Personnel			
	A. Expatriate Salaries	\$60,000	\$63,000	\$123,000
	B. Local Salaries	15,399	19,200	34,599
	C. Benefits	21,349	23,050	44,399
	D. Housing	13,500	12,000	25,500
	E. Shipping	4,200	4,200	8,400
	Subtotal Personnel	<u>114,448</u>	<u>121,450</u>	<u>235,898</u>
2	Travel and Per Diem			
	A. Travel	\$8,375	\$8,375	\$16,750
	B. Per Diem	5,652	4,737	10,389
	Subtotal T & PD	<u>14,027</u>	<u>13,112</u>	<u>27,139</u>
3.	Commodities			
	A. Vehicle	\$34,800		\$34,800
	B. Other	15,500	4,050	19,600
	Subtotal Commodities	<u>50,350</u>	<u>4,050</u>	<u>54,400</u>
4	Operating Costs	\$14,010	\$16,962	\$30,972
5	Consultants & Evaluation	3,780	3,780	7,560
	Subtotal	<u>196,615</u>	<u>159,354</u>	<u>355,969</u>
	OH @ 24.23%	\$47,732	\$38,611	\$86,343
	Subtotal	<u>244,347</u>	<u>197,965</u>	<u>442,312</u>
	4% Contribution in lieu of Fee Loan Fund	\$9,770	\$7,918	\$17,688
	Demonstration Fund	15,000	10,000	25,000
		10,000	5,000	15,000
	GRAND TOTAL	<u>279,117</u>	<u>220,883</u>	<u>500,000</u>
II.	<u>PfP Contribution</u>			
	In-kind Contribution	<u>\$85,500</u>	<u>\$85,500</u>	<u>\$171,000</u>

10 30
9 37

10-25
9-30

DETAILED BUDGET

I. A.I.D. Contribution

4.15.75 36

11.15 36.27

Year 1

Year 2

1. Personnel

A. Expatriates

(1)	General Manager	\$26,000	\$27,300
(2)	Ag/Water Advisor ✓	\$24,000	\$25,200
(3)	Project Officer (USA)	\$6,000	\$6,300
(4)	Project Associate (USA)	\$4,000	\$4,200
	Subtotal (A.1-4)	\$60,000	\$63,000

B. Mauritanians or Locally Hired Personnel

(1)	Field Agents	\$10,666	\$12,800
(2)	Mechanic	\$2,400	\$3,600
(3)	Secretary	\$2,333	\$2,800
	Subtotal (B.1-3)	\$15,399	\$19,200

C. Benefits

(1)	Benefit Package	\$18,849	\$20,550
(2)	Education Allowance	\$2,500	\$2,500
	Subtotal (C.1-2)	\$21,349	\$23,050

D. Housing

(1)	Housing	\$10,500	\$12,000
(2)	Settling-in Allowance	\$3,000	
	Subtotal (D.1-2)	\$13,500	\$12,000

E. Shipping

		\$4,200	\$4,200
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	TOTAL PERSONNEL	\$114,448	\$121,450
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2. Travel

A Travel

(1) Relocate Expat. Staff	\$4,375	\$4,375
(2) Supervisory Trips	\$1,250	\$1,250
(3) Consultants	\$2,750	\$2,750
	-----	-----
Subtotal (A.1-3)	\$8,375	\$8,375

B. Per Diem

(1) Relocation	\$915	
(2) Supervisory Trips	\$915	\$915
(3) Consultants	\$1,590	\$1,590
(4) Sr. Staff Nouakchott	\$2,232	\$2,232
	-----	-----
Subtotal (B.1-4)	\$5,652	\$4,737

TOTAL TRAVEL AND PER DIEM	\$14,027	\$13,112
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3. COMMODITIES

A. Vehicles

(1) Four wheel drive (2)	\$24,000	
(2) Rototiller (4)	\$6,200	
(3) Motorcycles (4)	\$4,600	

Subtotal (A.1-3)	\$34,800	

B. Other Commodities

(1) Spare Parts	\$5,500	\$3,300
(2) Tools and Equipment	\$2,500	\$750
(3) Personal Computer	\$3,050	
(4) Typewriter	\$800	
(5) Office Furniture	\$1,200	
(6) Household Furniture	\$2,500	
	-----	-----
Subtotal (B.1-6)	\$15,550	\$4,050

TOTAL COMMODITIES	\$50,350	\$4,050
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4. OPERATING COSTS

(1) Vehicles	\$6,110	\$6,110
(2) Motorcycles	\$2,400	\$3,600
(3) Administration	\$5,500	\$7,250
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TOTAL OPERATING COSTS	\$14,010	\$16,960
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5. CONSULTANTS AND EVALUATION

(1) Agronomist	\$3,780	
(2) Outside Evaluation		\$3,780
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TOTAL CONSULTANTS	\$3,780	\$3,780

Subtotal (I-V)	\$196,615	\$159,352
OH @ 24.23%	47,732	\$38,611
	-----	-----
Subtotal	\$244,347	\$197,965
4% Contribution in lieu of Fee	9,770	\$7,918
Loan Fund	15,000	\$10,000
Demonstration Grant Fund	10,000	\$5,000
	-----	-----
GRAND TOTAL	\$279,117	\$220,883
	=====	=====

In kind contributions from the different national and international development agencies in Kaedi, as well as from the farmers of the Diröf Plain, are anticipated, to support this project.

In-kind inputs will be derived through collaboration with the Ministry of Rural Development, SONADER, the School of Agriculture, FAD and other organizations. Local beneficiary project inputs are an additional source of anticipated in-kind benefits.

Primarily, PFP has been heavily involved in the development of material resources donation program from American industries. These products include: irrigation pipes, a large quantity of motors, tools and spare parts. PFP is prepared to contribute a large quantity of equipment, once we have determined the specific needs.

PFP will document these in-kind contributions through the standard financial monitoring system currently employed by PFP program grants in Burkina Faso and Togo.

PFP requests that the Cooperative Agreement be administered through the Federal Reserve Letter of Credit.

The following is an estimate of the in-kind contributions.

I. In Mauritania

	<u>1st Year</u>	<u>2nd Year</u>	<u>Total</u>
1 <u>Ministry of Rural Development</u> Seeds & Fertilizers	\$ 3,000	\$ 3,000	\$ 6,000
2 <u>SONADER</u> Ag Extension Agents 2 ext. Ag., each 4 days a month (total 8 days a month, or 96 days of work per year)	1,000	1,000	2,000
3. <u>School of Agriculture</u> Ag. Extension Agents 5 Ext. Ag., each 4 days a month (total 20 days a month, or 240 days of work per year)	5,000	5,000	10,000
4. <u>FAO</u> The use of their Agricultural Exp. Lab (both place and equipment)	4,500	4,500	9,000
5. <u>Farmers' Labor</u>			
a. Digging and/or deepening wells	4,000	4,000	8,000
b. Ridging	2,000	2,000	4,000
c. Working on experimental plots and crops	2,000	2,000	4,000
Sub-total for contributions in Mauritania	21,500	21,500	43,000

II. From the United States

As mentioned, PfiP has been very active in the past year gathering in-kind contributions from the different U.S. manufacturers of agricultural and industrial equipments. Many items of the equipment donated to PfiP are relevant and needed in the Mauritania project.

The following is an estimate of the in-kind contributions from U.S. private corporations that PfiP is prepared to contribute to the project. PfiP will continue to receive these and similar contributions during the life of the project.

	<u>1st Year</u>	<u>2nd Year</u>	<u>Total</u>
1. <u>Pipes</u>	\$ 8,000	\$ 8,000	\$16,000
a. Different sizes of plastic pipes: 1, 2 & 3 inches			
b. Connectors of pipes	8,000	8,000	16,000
2. <u>Motors</u>	20,000	20,000	40,000
Different sizes from 1/2 horse power to 10 horse power. Presently available in our warehouse approximately 100 motors.			
3. <u>Sprayers</u>	- 11,000	11,000	22,000
Portable chemical sprayers for agriculture.			
4. <u>Spare Parts for Pumps</u>	10,000	10,000	20,000
PFP has been offered new spare parts for water pumps and is willing to seek new donations for appropriate parts to match the specific needs for the specific pumps in the Dirol Plain in Mauritania.			
<u>PFP Out of Pocket Costs for U.S. Shipment of the Equipment from Donor Site to Warehouse</u>	7,000	7,000	14,000
Sub-total for contributions	64,000	64,000	128,000
II. <u>GRAND TOTAL</u>	\$85,500 =====	\$85,500 =====	\$171,000 =====