

Loan and Grant Agreements

GRANT PROJECT AGREEMENT

FM/LMD (if Loan)

FM/PAFD

FM/CAD

Between the United States of America, acting through
the Agency for International Development (AID)

GC/ANE

ANE/PAID

ANE/TR Officer

AND

ANE/PD Officer & File ✓

PFC/CDIE/DI

The Government of Vanuatu
Grantee

JT

RS

SB

- | | |
|---|---|
| 1. Project Title:
South Pacific Fisheries Development
(Fisheries Rehabilitation Projects) | 2. AID Project Number:
879-0009.91.2 |
|---|---|

The above named parties hereby mutually agree to carry out the Project described in this Agreement in accordance with (1) the terms of this Agreement, including any annexes attached hereto, and (2) any general agreement between the two governments regarding economic or technical cooperation.

- | | | |
|--|--|--|
| 3. Amount of AID Grant:
Up to \$43,735.00 | 4. Grantee Contribution to the Project:
In Kind (\$2,000) | 5. Project Assistance Completion Date:
April 30, 1988 |
|--|--|--|

6. This Agreement consists of this title page and Annex A. Project Description and Budget including Attachment A-1 and Annex B, PROAG Standard Provisions including attachment B-1

7. For the Grantee
Type Name:

8. For the Agency for International Development. Type Name:
William E. Pauze

Signature: *[Signature]*

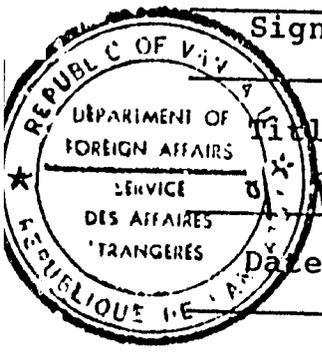
Signature: *[Signature]*

Title: Deputy-Secretary
Foreign Affairs and External Trade

Title: Regional Director,
South Pacific

Date: April 20, 1987

Date: April 14, 1987



Fiscal Data:
Appropriation:
Budget Plan Code:
Obligation Number:

Annex A, Project Description

-
1. Project Title: South Pacific Fisheries Development
Ice maker, Cooler, Freezer;
Office equipment and accessories;
Workshop equipment
Repairs to office building
Power supply

-
2. Project Number: 879-0009.91.2

-
3. Project Description:

This project is broken into five sub-projects to be undertaken by the Ministry of Agriculture, Forestry, and Fisheries, for the Government of Vanuatu.

Sub-project 1: Ice maker, Cooler, and Freezer.

A major achievement of the Department of fisheries in its short life time has been its ability improve the quantity and quality of fresh fish for the local consumer market. This was achieved through the purchase of an ice-block maker with accessories. This ice maker was damaged beyond repair by tidal waves during cyclone UMA. In order to maintain the momentum created when it was in use it is proposed that a replacement ice-maker be authorized by this grant.

Sub-project 2: Office Equipment and Accessories

The recent cyclone completely ravaged files, cabinets, typewriters, calculators, computer printer, photocopier, and a newly installed electronic telephone system. It is proposed to replace the damaged office equipment damaged by the cyclone, restructure the office to house the computer, photocopier, and filing cabinets, and to purchase an airconditioner to provide suitable environment for this equipment.

Sub-project 3: Workshop Equipment

It is proposed to replenish the workshop within the fisheries division with equipment which was lost due to cyclone UMA. Most of the equipment would be purchased locally under this sub-project.

Sub-project 4: Building Repairs

Cyclone UMA severely damaged a fishing shed and fishing store used by the fisheries division. It is proposed to replace the gear shed and re-roof the fishing store. The store will need a new door to replace one which was knocked in by the storm. It is further proposed to construct cyclone shutters for all the buildings at the fisheries complex including these two re-constructed structures.

Sub-project 5: Power Supply

The Fisheries division will shortly under a separate grant from AID be receiving a data management system. Since the cyclone the city of Port Vila has had constant power failures and the trend is likely to continue. It is proposed to purchase and install a facility readily available in Port Vila to monitor the main power supply and automatically switching to battery powered electricity whenever there is a main power failure or the main power fluctuates to a significant degree. In this way the computer equipment granted by AID and other sensitive equipment will not suffer from spikes or power failure.

4. Special Provisions:

(a) Grantee Contribution

(1) The Grantee agrees to provide or cause to be provided for the project, all funds, in addition to the Grant, and other resources to carry out the project in a timely and effective manner, and to provide for operational recurring costs for the project following the Project Assistance Completion Date.

(2) For the sub-projects, the Grantee will provide the labor, transport of construction equipment and machinery, and recurring costs associated therewith. The estimated Grantee contribution to the sub-projects is \$2,000.

(b) Funding

AID's contribution in support of the project will be provided in accordance with Block 3 of the Cover Page to this Grant. To facilitate project implementation and to assure availability of AID funds for this purpose the advanced payment method of financing will be used in the Project. A full advance of \$43, 735.00 will be made by AID to the Grantee. Accounting for the use of these funds will be made quarterly in accordance with Annex B-1 special provision entitled, "Payment - Periodic Advance (November 1984).

(c) Source, Origin and Nationality Requirements

Commodities financed by AID under the Project shall have their source and origin in the United States, except as AID may otherwise agree in writing. Except for ocean shipping, the suppliers of commodities or services shall have the United States as their place of nationality, except as AID may otherwise agree in writing. Ocean shipping financed by AID under the Project shall, except as AID may otherwise agree in writing, be financed only on flag vessels of the United States.

For purposes of this paragraph, the Grantee agrees that Project commodities will be supplied through a purchase agreement with a U.S. company. AID agrees that equipment of U.S. origin may be purchased in AID Geographic Code 941 countries in order to expedite the purchase and transport to Fiji, and that to the extent transportation from such Code 941 countries is not available on U.S. flag vessels, transport on flag vessels of countries in AID Geographic Code 935 may be financed under the Grant, subject to the certification requirements set forth in paragraph (d) below.

(d) Procurement Procedures

Grantee will use its own procurement procedures as approved by AID, in the purchase of equipment under the Project, and the following:

Reasonable Price: No more than reasonable prices will be paid for any goods or services financed, in whole or in part, under the Grant. Such items will be procured on a fair and, to the minimum extent practicable, on a competitive basis. In connection with these requirements, Grantee will solicit quotations from a reasonable number of sources, and shall award purchase contracts to the most advantageous offerors, price and other factors considered.

(e) Marking Requirements: It is AID policy that projects and commodities financed by AID be suitably identified as supported by the U.S. Foreign Assistance Program. The Grantee will give appropriate publicity to the Grant and the Project as a program to which the United States has contributed, and mark goods financed by AID as described in Project Implementation letters.

(f) Use of Funds: AID funds provided in the Grant may be used solely to pay for items of allowable cost set forth in the project description, or to reimburse the Grantee for such items.

(g) Reporting: At the completion of this project, the Grantee will submit three copies of a completed end-of-project summary to the USAID Regional Director, American Embassy, GPO Box 218, Suva, Fiji. A final financial report will be submitted to the same addressee within 90 days of project completion.

(h) Grant Budget The budget for this Grant is contained in Annex A-1. The funds provided herein will be used to finance the 3 sub-projects up to a total cost of \$43,735.00. It is agreed that any additional funds for these projects will be provided from sources arranged by the Grantee, and that the Grantee will either obtain the non-AID amounts, or it will provide these amounts from its own resources.

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ANNEX A-1

BUDGET

Sub-project:

Vatu Dollars

Icemaker, cooler, freezer	1,600,000
Office equipment and accessori	1,200,000
Workshop equipment	600,000
Repairs to office building	800,000
Power supply protector	<u>173,500</u>
TOTAL	\$4,373,500

Estimated equivalent in U.S. dollars is \$43,735.00

Note: further budget breakdown by sub-project is contained in the attached proposal submission from the Government of Vanuatu dated March 2, 1987.

PROJECT AGREEMENT

PROAG STANDARD PROVISIONS ANNEX

- A. Reference to 'this Agreement' means the original Project Agreement as modified by any revisions which have entered into effect. Reference to 'cooperating country' means the country or territory of the Grantee.
- B. (1) AID will make available the amount specified in Block 3 of this Agreement, as necessary for the Project, as may be further described in Annex A.
- (2) The Grantee will make available the amount specified in Block 4 of this Agreement, as necessary for the Project, as may further be described in Annex A. The Grantee will also make, or arrange to have made, additional contributions of property, services, facilities and funds required for carrying out the Project as specified in Annex A.
- C. AID and the Grantee may obtain the assistance of other public and private agencies in carrying out their respective obligations under this Agreement. The two parties may agree to accept contributions of property, services, facilities and funds for purposes of this Agreement from other public and private agencies, and may agree upon the participation of any such third party in carrying out activities under this Agreement.
- D. Except as otherwise specified herein or subsequently agreed by the parties, all contributions of the parties pursuant to this Agreement shall be made on or before the Project Assistance Completion Date, or amended date. A contribution of goods or services shall be considered to have been made when the services have been performed and the goods furnished as contemplated in this Agreement. Disbursement of funds may take place after final contributions have been made, but AID shall not be required to disburse funds hereunder after the expiration of nine months following the estimated Project Assistance Completion Date (Block 5 of this Agreement) or any amended Project Assistance Completion Date specified.
- E. The procurement of commodities and services to be financed in whole or in part by AID may (where so required by AID procedures) be undertaken only pursuant to Project Implementation Orders (PIOs) issued by AID.
- F. Unless otherwise specified in the applicable PIO or Project Implementation Letter (PIL), the procurement of commodities imported specifically for the Project and financed with the AID contribution referred to in Block 3 of this Agreement shall be subject to the provisions of AID Regulation 1.
- G. Unless otherwise agreed by the parties or otherwise specified in the applicable PIO, title to all property procured through financing by AID pursuant to Block 3 of this Agreement shall be in the Grantee, or such public or private agency as it may authorize.
- H. (1) Any property furnished to either party through financing by the other party pursuant to this Agreement shall, unless otherwise agreed by the party which financed the procurement, be used effectively for the purposes of the Project in accordance with this Agreement, and upon completion of the Project, will be used so as to further the objectives sought in carrying out the Project. Either party shall offer to return to the other, or to reimburse the other for, any property which it obtains through

financing by the other party pursuant to this Agreement which is not used in accordance with the preceding sentence.

(2) Any funds provided to either party pursuant to this Agreement which are not used in accordance with this Agreement, shall be refunded to the party providing the funds.

(3) Interest or other earnings on funds provided by AID to the Grantee under this Agreement will be returned to AID by the Grantee.

I. (1) If AID and any public or private organization furnishing commodities through AID financing for operations hereunder in the cooperating country, is, under the laws, regulations or administrative procedures of the cooperating country, liable for customs, duties and import taxes on commodities imported into the cooperating country for purposes of carrying out this Agreement, the Grantee will pay such duties and taxes unless exemption is otherwise provided by any applicable international agreement.

(2) If any personnel (other than citizens and residents of the cooperating country), whether United States Government employees, or employees of public or private organizations under contract with, or individuals under contract with AID, the Grantee or any agency authorized by the Grantee, who are present in the cooperating country to provide services which AID has agreed to furnish or finance under this Agreement, are under the laws, regulations or administrative procedures of the cooperating country, liable for income and social security taxes with respect to income which they are obligated to pay income or social security taxes to the Government of the United States of America, for property taxes on personal property intended for their own use, or for the payment of any tariff or duty upon personal or household goods brought into the cooperating country for the personal use of themselves and members of their families (not including such personal or household goods as may be sold by any such personnel in the cooperating country) or if any firm, not normally resident in the cooperating country, is liable for income, receipts, or other taxes on work financed by AID hereunder, the grantee will pay such taxes, tariff, or duty unless exemption is otherwise provided by any applicable international agreement.

J. If funds provided by AID are introduced into the cooperating country by AID or any public or private agency for purposes of carrying out obligations of AID hereunder, the Grantee will make such arrangements as may be necessary so that such funds shall be convertible into currency of the cooperating country at the highest rate which, at the time the conversion is made, is not unlawful in the cooperating country.

K. AID shall expend funds and carry on operations pursuant to this Agreement only in accordance with the applicable laws and regulations of the United States Government.

L. The two parties shall have the right at any time to observe operations carried out under this Agreement. Either party during the term of the Project and for three years after the completion of the Project shall further have the right (1) to examine any property procured through financing by that party under this Agreement, wherever such property is located, and (2) to inspect and audit any records and accounts with respect to funds provided by, or any properties and contract services procured through financing by, that party under this Agreement, wherever such records may be located and maintained. Each party, in arranging for any disposition of any property procured through financing by the other party under this Agreement, shall assure that the rights of examination, inspection and audit described in the preceding sentence are reserved to the party which did the financing.

M. AID and the Grantee shall each furnish the other with such information as may be needed to determine the nature and scope of operations under this Agreement and to evaluate the effectiveness of such operations

N. The present Agreement shall enter into force when signed. Either party may terminate this Agreement by giving the other party thirty (30) days written notice of intention to terminate it. Termination of this Agreement shall terminate any obligations of the two parties to make contributions pursuant to Blocks 3 and 4 of this Agreement, except for payments which they are committed to make pursuant to noncancellable commitments entered into with third parties prior to the termination of the Agreement. It is expressly understood that the obligations under paragraph H relating to the use of property or funds shall remain in force after such termination. In addition, upon such termination AID may, at AID's expense, direct that title to goods financed under the Grant be transferred to AID if the goods are from a source outside the Grantee's country, are in a deliverable state and have not been offloaded in ports of entry of the Grantee's country.

O. To assist in the implementation of the Project, AID from time to time, may issue PILs that will furnish additional information about matters stated in this Agreement. The parties may also use jointly agreed-upon PILs to confirm and record their mutual understanding on aspects of the implementation of this Agreement.

P. The Grantee agrees, upon request, to execute an assignment to AID of any cause of action which may accrue to the Grantee in connection with or arising out of the contractual performance or breach of performance by a party to a direct U.S. Dollar contract with AID financed in whole or in part out of funds granted by AID under this Agreement.

BEST AVAILABLE DOCUMENT

PAYMENT—PERIODIC ADVANCE (NOVEMBER 1984)

(This provision is applicable when (1) the grantee has an acceptable accounting system (2) the grantee has the ability to maintain procedures that will minimize the time elapsing between the transfer of funds and the disbursement thereof, and (3) the grantee's financial management system meets the standards for fund control and accountability required under the standard provision of this agreement entitled "Accounting, Audit and Records".)

(a) AID funds shall not be commingled with other grantee owned or controlled funds. The grantee shall deposit all AID cash advances in a separate bank account and shall make all disbursements for goods and services from this account.

(b) ~~Each quarter, after the initial cash advance, the grantee shall submit to the AID Controller, identified in the schedule, voucher SF-1034 (original) and SF-1034-A (three copies), entitled "Public Voucher for Purchases and Services Other Than Personal", copies of which are attached.~~

(c) Each Voucher shall be identified by the appropriate grant number and shall be accompanied by an original and three copies of a report in the following format:

FEDERAL CASH ADVANCE STATUS REPORT
(Report Control No. W-245)

A. Period covered by this report:
FROM (Month, day, year) _____
TO (Month, day, year) _____
Period covered by the next report
FROM (Month, day, year) _____
TO (Month, day, year) _____

B. Cash Advance Use and Needs:
1. Cash advance on hand at the beginning of this reporting period \$ _____
2. U.S. Treasury check advance(s) received during this reporting period .. \$ _____
3. Interest earned on cash advance during this reporting period \$ _____
4. GROSS cash advance available during this reporting period (Lines 1, 2, & 3) \$ _____
5. LESS, interest remitted to AID during this reporting period \$ _____

6. NET cash advance available during this reporting period (Line 4 minus Line 5) \$ _____
7. Total disbursements during this reporting period, including subadvances (see footnote 1) \$ _____
8. Amount of cash advances available at the end of this reporting period (Line 6 minus Line 7) \$ _____
9. Projected disbursements, including subadvances, for the next reporting period (see footnote 2) \$ _____
10. Additional cash advance requested for the next reporting period (Line 9 minus Line 8) \$ _____
11. Total interest earned on cash advance from the start of the grant to the end of this reporting period, but not remitted to AID \$ _____
12. Total cash advances to subgrantees, if any, as of the end of this reporting period \$ _____

FOOTNOTES:

- 1. The grantee shall submit a cumulative detailed report of disbursements by BUDGET Line item quarterly.
- 2. The grantee shall attach a Summary, by BUDGET line item, of its projected disbursements for the next reporting period.

C. Certification:

The undersigned hereby certifies: (1) that the amount in paragraph B.9 above represents the best estimate of funds needed for the disbursements to be incurred over the period described, (2) that appropriate refund or credit to the grant will be made in the event of disallowance in accordance with the terms of the grant, (3) that appropriate refund or credit to the grant will be made in the event funds are not expended, and (4) that any interest accrued on the funds made available herein will be refunded to AID.

DATE _____ BY _____
TITLE _____

Item (b)
deleted

REPUBLIC OF VANUATU
RÉPUBLIQUE DE VANUATU

FISHERIES DEPARTMENT
MINISTRY OF AGRICULTURE
FORESTRY AND FISHERIES

P.O. Box 129
PORT VILA - VANUATU
TELEPHONE : 3119 - 3418
TELEX : VANGOV 1040

SERVICE DES PÊCHES
MINISTÈRE DE L'AGRICULTURE,
DES FORÊTS ET DES PÊCHES

BOITE POSTALE 211
LUGANVILLE - VANUATU
TELEPHONE : 218

The Regional Director
US Agency for International Development
C/- US Embassy
SUVA
Fiji

2nd March 1987

ATTENTION: MR. JAMES SCHILL

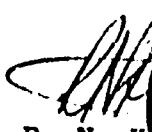
Dear Jim,

Further to our recent discussions during your last trip to Vanuatu, I submit for your consideration a series of project proposals for fisheries rehabilitation programmes in the country.

These projects have been thoroughly discussed with both our National Planning and Foreign Affairs offices who also appreciate the need to get our fisheries development projects back on the road.

Your kind consideration of these proposals would be deeply appreciated.

Yours sincerely,


R. N. K. K. K. K.
Director of Fisheries



SUMMARY OF PROJECT FUNDING REQUIREMENTS:

	<u>Vatu</u>	
1. Ice-maker, cooler, freezer:	1,600,000	
2. Office equipment and accessories	1,200,000	
3. Workshop equipment	600,000	
4. Repairs to office building	800,000	
	<u>4,200,000</u>	
	<u>173,500</u>	4,373,500
5 POWER SUPPLY "POWERBANK" 500		
	= US \$42,000	2 US \$43735.00

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HURRICANE REHABILITATION

COUNTRY: VANUATU

INTRODUCTION:

Although harvest of reef resources has always been an important part of coastal village life, the ni-Vanuatu tradition lies with the land. Only recently has the need for cash earning opportunities and a brisk local demand for high quality fish, (particularly in the urban centres), provided the basis for development of an indigenous commercial fishing industry, albeit on a small scale. To meet these needs the Vanuatu Fisheries Department has initiated a Village Fisheries Development Programme closely intergrated with exploratory fishing surveys and with the operation of new marketing/distribution centres in Port Vila and Luganville. This project is aimed at establishing small scale fishing enterprises in a number of villages throughout the archipelago; such enterprises to form the nuclei of more extensive future developments as experience is gained. Marine products surplus to village needs are air-freighted to Port Vila. However, the shortage of skilled personnel, both ni-Vanuatu and expatriate, is a definite development constraint for the project.

Tuna resources within Vanuatu waters are only lightly exploited. The South Pacific Fishing Company, a largely Japanese owned firm with a 9% Vanuatu equity, lands and tranship catches, providing lots of benefits to the country.

An active exploratory fishing programme, coupled with complementary research by ORSTOM, has been helpful in providing an information base for expansion of village fisheries and for assessment of bait and tuna resources, and bottom fish resources throughout Vanuatu.

The Fisheries Department, initiated in 1980, is charged the responsibility to develop the countries fisheries sector. Owing to the country's limited resources (finance, personnels, supplies), the department's development has been moderate but well consolidated.

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On the 7th of February, 1987, a devastating cyclone with wind force of over 100 knots, ravaged Port Vila incurring damages to about 90% of all buildings in the town. Infrastructures along the waterfront were extensively damaged while high-precision equipment and tools (vital to the function of sections of the Fisheries Division) were either water logged (sea) or physically transferred out of their lodgings. Subsequently repairs to most of these basic equipment would be too expensive to carry out locally, hence the option for procuring new items.

In total, the National Disaster Co-ordinating Committee has estimated initial damages in excess of US\$100 million.

This paper outlines the various areas in which the Fisheries Division would need rehabilitation work effected to restore facilities thereby allowing the department to effectively execute its required obligations.

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PROJECT TITLE: ICEMAKER, COOLER AND FREEZER:

A major achievement of the Department in its short life-time has been its ability to improve not only the quality but the quantity of fish landed by fishermen at the urban centres (particularly in Vila). The main contributing factor to this was the installation late last year of an ice-block maker with accessories.

This has allowed the fishermen to stay out at sea longer, trip length now being independent of deterioration in fish quality. It has allowed the fishermen to monitor market trends with no/fear of fish spoilage, thereby realising higher returns for their efforts.

Subsequently a large number of people are being enticed away from their traditional agricultural activities, as the potential within the marine environment are being realised.

PROBLEM:

The icemaker was the main ice supplier for commercial fishermen in Vila. Though, around 90% of the ice is utilised by fishermen, there is also a decent demand from general traders and the public alike.

The icemaker, however was damaged beyond repair by tidal waves during cyclone UNA.

It has virtually brought to a "HALT" fishing around Vila which was just shaping into a major income earning potential.

PROPOSED SOLUTION:

In order to maintain the momentum created thus far with fishermen, it is proposed to replace this ice maker and associated accessories at the earliest opportunity.

It is proposed to procure the same machine from Australia as staff members are well versed with its operations. Also there is the capacity in country for back-up support services for repair and maintenance.

The machine shall have the capacity of .5 tonne per day and be electric driven.

FUNDING REQUIREMENT:

	<u>Vatu</u>
(i) 1 block ice machine (Norden) .5 mt/day	900,000
(ii) 1 refrigerated cooler (Kelvinator) upright 1.5 m	250,000
(iii) .1 freezer of 750 l capacity - Kelvinator	150,000
(iv) 12 ice boxes	300,000
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	1,600,000
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LOCAL CONTRIBUTION:

Operational Costs:	200,000
Operator	300,000
	<hr/>
	500,000
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The Fisheries Department shall undertake to furnish FFA/USAID periodic financial reporting as and when required under donor regulations.

IMPLEMENTATION:

By end of March 1987.

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PROJECT: TITLE: OFFICE EQUIPMENT AND ACCESSORIES

BACKGROUND:

Recent innovations in fisheries development has given rise to an increase in data output. The recent thrust to develop resources in the outer islands would create the need for more data. The country's involvement with distant water fishing nations will no doubt increase the need to manage data in a bid to monitor the activities of their fishing boats. As the potential within the expanse of Vanuatu's EEZ is being developed and realised, data gathering and monitoring activities will likewise increase.

USAID's offer of a data management system is likely to streamline this aspect of fisheries development. However, the security and safekeep of such data is vital for the proper management of the country's marine resources.

PROBLEM:

The recent cyclone (UMA - 7th February 1987) completely ravaged files, cabinets, typewriters, calculators, computer printer, photocopier, and the newly installed electronic telephone system.

There is no suitable place as yet within the premises for the setting up of the computer system. Such a system would need an airconditioning unit and the restructuring of the current office space for maximum utilisation of the facility.

PROPOSED SOLUTION:

It is proposed to

- a) replace all office equipment damaged by the recent cyclone.
- b) restructure the office to house the
 - computer
 - photocopier
 - filing cabinets
- c) purchase an airconditioner to provide suitable environment for above facilities to operate.

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FUNDING REQUIREMENT:

1. <u>Office Equipment Replacement:</u>	<u>Vatu</u>
a) 2 manual typewriters (-----)	80,000
b) 4 calculators - Casio	40,000
c) 1 epson computer printer (FX 105)	150,000
d) 1 canon photocopying machine	350,000
e) Telephones system	250,000
f) Office stationery:	
- file covers and folders	
- rearrangement of foolscap	
- carbon paper	
- photocopying paper	40,000
	<u>710,000</u>
2. Structural improvement to office	210,000
3. Air conditioner	80,000
TOTAL	<u><u>1,200,000</u></u>

LOCAL CONTRIBUTION:

Operational costs of utilities	350,000
Repairs and Maintenance	100,000
Annual Depreciation Allowance	200,000
	<u>650,000</u>

The Department of Fisheries shall be responsible for the periodic financial reporting required under the donor's funding regulation.

IMPLEMENTATION:

By late March 1987.

PROJECT TITLE: WORKSHOP EQUIPMENT

BACKGROUND:

During its short 5-year life, the Department of Fisheries has managed to build up a well equipped workshop. Through this facility the department was able to carry out engine repairs and maintenance not only to its own but also for other fishermen. It was also able through this workshop to provide training to fishermen in both outboard and inboard engines.

PROBLEM:

Cyclone Una, on the 7th of February, tore through the workshop and washed away tools and equipment. That which it was not able to carry away, it thoroughly drained through to make repairs uneconomical.

PROPOSED SOLUTION:

It is proposed to replenish the workshop with whatever equipment that was lost or rendered unserviceable at the earliest opportunity. A lot of these, however could be obtained locally with local expertise available for either installation or reasonable repairs and maintenance.

More importantly the fishermen and staff members in their training, are more familiar with these tools and any move to switch brands would lead to confusion. Procurement from local sources by the Government would lead to substantial savings in terms of prices and shipment costs.

FUNDING REQUIREMENT:

1. <u>General Workshop Equipment:</u>	<u>Vatu</u>
a) 1 x large socket set	15,000
b) 1 x small socket set	7,500
c) 1 x set Philipps screw driver	5,000
d) 1 x set ordinary screw driver	5,000
	<hr/>
	32,500
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	<u>Vatu</u>
2. <u>Electric Hand Tools:</u>	
a) 1 x electric hand drill	15,000
b) 1 x skill saw	15,000
c) 1 x jig saw	15,000
d) 1 x electric sander	20,000
e) 1 x electric planer	20,000
	<u>75,000</u>
3. Assorted Hand tools	100,000
4. Servicing and overhaul for equipment	
1 truck (swamped)	300,000
9 generators	
5. Other assorted material for boat repairs and contingency	<u>92,500</u>
TOTAL:	<u><u>600,000</u></u>
<u>LOCAL CONTRIBUTION:</u>	
Maintenance of tools	100,000
Standman/Tradesman	400,000
	<u>500,000</u>

The Department of Fisheries shall undertake to furnish financial reporting as and when required under USAID regulations.

IMPLEMENTATION:

End of March 1987.

W

PROJECT TITLE: REPAIRS TO BUILDINGS

BACKGROUND:

The Fisheries Department was initiated in 1980, arising out of the demand to systematically manage the country's marine resources. Ever since its inception, the Department has had to make do with the limited resources available to it to meet the expectations required of it.

This has resulted in the use of sub-grade materials for the construction of lean-to structures to house the Department's ever increasing supply of gear and equipment. The limitation of space within the Department's complex has further compounded the problem of congestion.

PROBLEM:

Resistance to cyclone force winds of lean-to structures have been known to be minimal. Likewise cyclone UMA played havoc with the various store sheds that housed some of the constantly used fishing gear. A shed was completely destroyed (walls and roof) with only the foundation left. The fishing store had its roof flown away (has not been recovered) and its door knocked in.

PROPOSED SOLUTION:

It is proposed to replace the gear shed as well as re-roof the fishing store. This store will need a new door to replace that which was knocked in.

It is also proposed to construct cyclone shutters for all the buildings at the fisheries complex including these two re-constructed structures.

FUNDING REQUIRED:

	<u>Vatu</u>
a) 1 x complete shed 7 m x 5 m	400,000
b) 1 fishing store roof (50 sq. m) plots door	250,000
c) Cyclone shutters	150,000
	<hr/>
	800,000
	<hr/> <hr/>

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LOCAL CONTRIBUTION:

(i) Labour for construction

Vatu
200,000

IMPLEMENTATION:

April 1987.

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PROJECT TITLE: UNINTERRUPTIBLE POWER SUPPLY

BACKGROUND:

The Fisheries Department will shortly, because of substantial US aid package to the region, be receiving a data management system.

PROBLEM:

Since the cyclone last month, Vila has been beset by constant power failures. This trend is likely to continue.

PROPOSED SOLUTION:

It is proposed to purchase and install a facility readily available in Vanuatu the "Powerbank 500" which constantly monitors the mains power supply, and automatically switches into action providing 220 volts A.C. from its own batteries, whenever the mains power fails or when incoming mains voltage drops below a desired level.

In addition the facility filters incoming mains power supply so that harmful spikes and surges are minimised.

The acquisition of this facility is important as the provision of a continuous uninterrupted power source of filtered A.C. marine power would prevent file corruption or loss. It would also minimise (if not allenate) damage to sensitive components, such as the hard disk within the computer.

Proven users of this facility includes computers, cash registers, internal telephone exchanges, telex and data equipment, security systems and message machines.

FUNDING REQUIREMENT:

Purchase of lonely powerbank 500

Vatu
173,500

LOCAL CONTRIBUTION:

Operation cost

20,000

Repairs and maintenance

30,000

50,000

IMPLEMENTATION: