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B. OUT-ISLAND PUBLIC WORKS OPERATION:

1. TINIAN:

The Public Works operation in Tinian is under direct supervision of a Micronesian Public Works Superintendent who reports to the District Director of Public Works in Saipan. For operation purposes the Public Works Superintendent acts independently, planning and scheduling the works on Tinian under the responsibility of the Public Works. This section is manned by 7 permanent employees, and 2 temporary status employees. In addition there are 5 WAE employees who are working on construction project.

The Tinian Public Works Section is responsible for the maintenance and repairs of the following Government plant facilities:

	<u>No. of</u> <u>Unit</u>	<u>Size</u>
Building	12	12,950 sq. ft.
Docks	1	662,350 sq. ft.
Roads: Primary (black top)		27.7 miles
Secondary (coral top)		2.4 miles
Grounds		100 Acres
Electrical Appliances	16	
Cold Storage	1	
Vehicles	9	
Heavy Duty Equipment	1	
Misc. Light Equipment	4	

While Tinian represents but a small fraction of the total Public Works operation of the District, it is, nevertheless, understaffed for the volume of work it is responsible for. Personnel requirement for Tinian through FY-1977, is as follows:

<u>FISCAL YEARS</u>				
<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>
10	12	12	15	15

Heretofore the Public Works budget has been controlled by the Office of the District Director of Public Works in Saipan. However, beginning with FY-1972, Tinian Public Works Section will receive an allocation for the entire year, broke down into quarterly allotment. This move is in line with the concept of "decentralization", and is in the interest of improved management by moving controls and responsibilities closer to the actual sites of job performance.

Due to its size, Tinian Public Works does not have clear cut sections as that of Public Works, Saipan. It is strictly a maintenance division and does not involve itself in construction, save for such minor items such as installing partitions, minor renovations, extension to existing building, etc. The personnel, owing to limited number, have dual work assignments which is beginning to have its adverse toll. The proposed manning level is geared to relieve the employees from the dual work assignment and permit them to concentrate on their specific work assignment and enable them to upgrade their workmanship.

An important element to be considered with respect to the Tinian Public Works operation is the very limited maintenance work performed on Government facilities due to lack of personnel, materials, and equipment. This is most pronounced in the condition of the roads, dock facility, and the airfield.

The three facilities mentioned are of major importance to Tinian, a farming community, which depends on its mobility for economic growth.

The roads, which at one time after the Second World War, encircled the island and afforded access to practically every part of the island, is now badly deteriorated, inaccessible in parts, and in urgent need of attention. For this purpose Tinian will need equipment such as bulldozer, road graders, vibratory compactors, road rollers, and similar equipment for extensive road repair work.

~~The dock facility, has long been neglected, and although still usable, plan~~ should be drawn to rehabilitate this facility. Loss of this facility will have an immeasurable impact on the livelihood of the people and the economy of the island.

Tinian, although it boasts large airfields, only a small portion, 8,000 feet, known as the West Field", is currently used by an air taxi service called the Air Pacific, which flies a small 6-seater Navajo-Piper aircraft. The strip is also used by the Military for "fruits and vegetable produce" lifts. The airfield lacks the necessary maintenance and will deteriorate unless the service is provided at an early date. Airfield maintenance will require similar equipment as for road repair work.

In Tinian, there is no Public Works office or shop, as such, but the functions are carried out in the Power Plant Building. A small section in the old Power Plant building had been sealed off and is serving as the Utility Office and the Public Works Office. It is proposed that when the new Power Plant is in operation, the old Power Plant Building be renovated to serve as Public Works Building and separate the Utility and Public Works operations completely.

2. ROTA:

The Rota Public Works represents the second large Public Works operation in the Marianas District. It is under the direction of a Micronesian Construction and Maintenance Superintendent who is responsible to the District Director of Public Works for the operation of that section. Operationally speaking, the Construction and Maintenance Superintendent acts independently, however, he reports to the District Administrator's Representative, Rota, for administrative purposes. Instructions, rules, and policies governing the Public Works operation is received from the District Director in Saipan. The Public Works operation in Rota is carried out by 10 permanent employees and 6 "temporary status" and 11 WAE employees. Maintenance and operation responsibility of this section includes:

	<u>No. of UNIT</u>	<u>Area or Size</u>
Building	43	39,204 sq. ft.
Docks	2	9,946 sq. ft.
Roads, Secondary		27.6 miles
Airfields	1	5000' x 200'
Grounds		80 acres
Air Conditioners	12	
Appliances	16	
Cold Storage	2	
Vehicles	21	
Heavy Duty Equipment	4	
"M" Boat	1	
Misc. Light Equip.	6	

When Rota became part of the Mariana Islands District in 1962, the Public Works operation then consisted mainly of maintaining Government buildings, minor maintenance of the roads, operations of utilities, i.e., power and water, and the operation of an M-Boat as lighter.

The Public Works operation remained very much the same in the ensuing years until February of 1967 when TYPHOON GILDA caused a major destruction. To cope with the tremendous workload in the rehabilitation of the island, additional personnel were hired under temporary and WAE status. Many of these employees were retained on the payroll since then, and additional personnel were recruited as the workload increased and the scope broadened.

As result of increase in facilities from typhoon rehabilitation, the need for additional permanent employees became evident. The ceiling allowance, however, could not be changed owing to stringent budget. Consequently, the temporary and WAE status employees will continue to be carried in the same status until FY-1973 when the ceiling allowance can be increased to 18 as authorized by Headquarters Public Works. The personnel requirement for Rota Public Works through FY-1977, is as follows:

FISCAL YEARS				
<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>
18	21	21	26	26

The Rota Public Works, though limited in personnel allowance, has three sections, and the tasks are very defined. The three sections are: 1) Administrative; 2) Maintenance of Government Buildings; and 3) Operation and Maintenance.

a. Administrative: This division is responsible for the administrative function of the section, including preparation of monthly reports, progress reports, inventory of materials, supplies, and equipment, stock control, preparation of job orders and billings, preparation of time and attendance reports, Public Works personnel matters, and other clerical work.

This section will be responsible for the administration of budget allotment beginning with FY-1972 when the out-island Public Works will be given an annual operating budget in-line with the concept of "decentralization", as well as in the interest of improved management by moving controls and responsibilities closer to the actual site of job performed.

- b. Maintenance and Government Facilities: This section is responsible for maintenance and repairs of Government buildings, landscaping, inside electrical and plumbing, appliance repair, paintings, and other work of such nature.

Due to limited personnel, the plumbers and carpenters in this section also perform maintenance work for the Utilities when their assistance is needed by the Utilities Section.

- c. Operation and Maintenance Section: This section is responsible for the operation, maintenance and repairs of airfield, roads, docks, and channels. It is also responsible for the repair and maintenance of all Government equipment, maintenance operation of the M-Boat and stevedoring service.

Due to its limited capability, the Rota Public Works in the past, has done very minimal amount of repair and maintenance work on roads, airfields, docks, and channel. These facilities, which are of economic importance to the people of Rota for the exportation of their own farm and livestock products, must be maintained in the best condition.

Rota has two small docks. The West Dock, larger of the two, can accommodate vessels up to 75 ton capacity. While the East Dock is limited to small boats and shallow bottom vessels, such as the LCM and the LCU. Large vessels and cargo ships are anchored in the open water and are serviced with the M-Boat as lighter. ~~Detail description of the docks and channels in Rota is found under~~ PAKT VI, Chapter D., Section III.

The airfield in Rota was upgraded in during the late 1969 and early 1970 with the assistance of a Navy Construction Team assigned to Rota under the auspices of the Military CAT Program. The project was highly successful and Rota now has a fairly good airport. Maintenance must be kept up to prevent rundown of this vital facility.

The unimproved road system on Rota is a "left over" from the Japanese occupation ~~consisting of rock layer foundations with coral surfaces.~~ The roads, after many years of neglect and lack of proper maintenance, have badly deteriorated, in many parts completely washed away. This condition is abundantly evident in the southern portion of the island where the most fertile agricultural lands and natural beauties are to be found.

Damage to the road in this area is extensive and will require major repairs.

The only good unimproved road in Rota is the 10-mile stretch between the village and the airport. The improvement to this road consists of widening and resurfacing with coral. Maintenance of this road is proving costly due to heavy traffic to and from the airport and the farms, and funds should be made available for a more lasting surface.

A small "Public Works Section" is proposed for Pagan, Northern Mariana Islands, hopefully during FY-1972, manned by 3 or 4 personnel, to handle facility maintenance on that island, which includes an airfield, a docking facility, school and dispensary buildings, power generators and power distribution system.

Because of economic potential of Pagan Islands, there is possibility that Public Works operation on that island will grow in the years ahead.

C. UTILITIES:

1. Saipan Utilities Agency:

The Utility program for Saipan is administratively management wise and budgetarily under the organizational titling of "The Saipan Utility Agency" and is budgeted and accounted for accordingly.

The basic reason for this administrative budgetary segregation of the Agency is to make it a separate and identifiable entity, with the possibility that the Agency may eventually become a completely separate operation and that it may be turned over to private ownership stocks and shares made available to the general public and be operated as a public corporate body.

At the present time, the Agency is, from a de facto as well as de jure standpoint, simply the "utilities division" under the jurisdiction, direction and supervision of the District Director of Public Works, serving as Manager, Saipan Utility Agency.

The Saipan Utilities Agency embraces power generation and distribution; water production and distribution, telephone system, and for the present a limited sewer system.

At this writing, the Agency has in its facility inventory, among others, the following:

- 5 units of 700 KW Generator
- 2 units of 600 KW Generator
- 1 unit of 1500 KW Generator
- 40.7 miles of Primary Distribution System (13,800 Volts)
- 19.5 miles of Secondary Distribution System
- 3 Springs
- 9 Wells
- ~~20 pumps - deepwell and booster - from 5 HP to 75 HP~~
- 9 Water Storage Tanks with a list capacity of 2,955,000 gallons
- 29.6 Miles of Water Mains varying in size from 6" to 4"
- 2 Dial Telephone Exchange with a total capacity of 700 lines
- 29.6 Miles of Telephone cables serving over 947 telephones
- 33 Septic Tanks and 2 Sewage Pumping Stations
- 15.0 miles of Primary Sewer Lines
- 2.0 miles of Laterals Sewer Lines
- 1 Diesel Fuel Storage Tanks with 8,600' of lines

To operate, maintain and repair the utility system, the Agency currently employ a total of 89 Micronesians in the following categories:

Permanent	67
Temporary	9
WAE	13

For FY-1972 additional 15 ceiling positions have been approved, bringing the authorized strength to 84. The approved addition, however, will only enable the Agency to function a little more efficiently from the present level and does not allow for continuing operation without interruption in the schedule due to employees absence, nor to handle the added workload resulting from additional facilities now under construction, i.e., new power plant which will be operated in conjunction with the existing plants; additional wells, water storage tanks and water pumps; new improved water distribution system; new island sewer system including the lift stations; and increase in telephone system. These additional new facilities will definitely required increase in permanent employee positions for efficient operation of the vital utility services.