

琉球大学学術リポジトリ

沖縄関係 米国資産の処理（未完成プロジェクト、
福地ダム他）（IX）

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參考資料

秘
新 規 画

アメリカ局長

参事官

北米第一課長

福地貯水池パイプライン敷設計画に
関する米側資料に付

45.1.16
米北一

在京米國大使館ロビン書記官より、米國民政
府から7/米会計年度の最重要プロジェクトとして

計画(2)の福地貯水池パイプライン敷設計画
に關する米側資料を入手した。参考

までに別添供覧した。

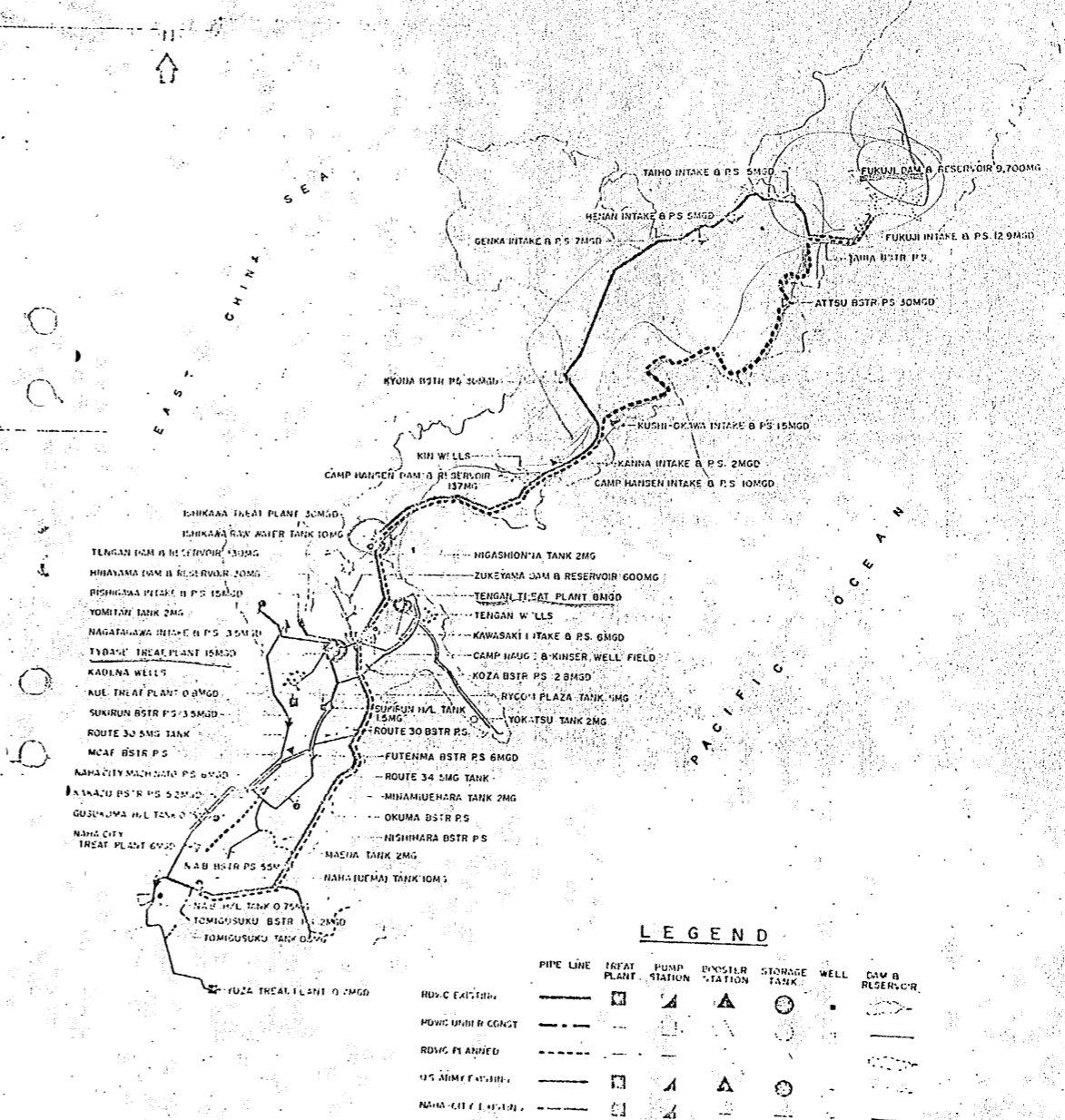
4. TIME ORIENTED CONSIDERATIONS:

a. Design and construction of a second raw water pipeline and supporting pump stations connecting the Fukuji Reservoir to the Ishikawa, Tengan and Tybase Water Treatment Plants: The design and construction of this pipeline will be directly influenced by a yet to be announced Department of Army/Bureau of Budget decision concerning US participation in a project to improve Highway 13 between Futami and Fukuji. In this connection, the FY 70 General Fund program includes \$1.0 million for the Highway 13 project, however the funds have not been released. Assuming the United States does not fund the improvements to Highway 13 and/or the design and construction of the pipeline, the GOJ needs to be informed of the requirement for these projects and the need for the GOJ to provide them.

b. Design and construction of additional water treatment, distribution and storage facilities: These facilities will be needed immediately upon completion of the second raw water pipeline to treat and deliver an additional 10 to 20 million gallons of potable water per day. If the United States does not fund these projects in FY 71 and 72 the GOJ should be informed of the requirement and the need for the GOJ to satisfy it.

c. Announcement of Department of Army position concerning transfer of US Army owned water facilities to the RDWC: Planning for the orderly transfer of those facilities should include the amount and manner of payment for US Army owned water facilities, development of utilities service contracts for water between the US Armed Forces and the RDWC and transfer of both Department of Army Civilians and Ryukyuan General Service employees presently operating the Island water system to the RDWC.

INTEGRATED WATER SYSTEM



UNITED STATES ECONOMIC AID TO THE RYUKYU ISLANDS

FISCAL YEARS 1969, 1970 & 1971

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Prepared by

United States Civil Administration of the Ryukyu Islands

2 January 1970

	Actual FY 1969	Estimate FY 1970	Initial Estimate FY 1971	Revised Estimate FY 1971	Unfinanced Requirements FY 1971
	a	b	c	d	e
Sec I - Administration Ryukyu Islands, Army (ARIA) Appropriation	\$ 15,641,100	\$17,500,000	\$17,500,000	\$3,845,000	\$13,255,000
Project and Activity					
A. Reimbursement for Government Services	\$ 1,500,000	\$ 1,500,000	\$ 1,875,000	\$1,875,000	0
1 Public safety services.....	1,000,000	1,000,000	1,250,000	1,250,000	0
2 Public health and sanitation services.....	500,000	500,000	625,000	625,000	0
B. Contribution to Government Projects	12,032,119	13,650,000	13,530,000	790,000	12,340,000
1. Educational Programs.....	7,369,181	8,425,000	1,925,000	0	7,925,000
a. Assistance for Ryukyuan teachers' salaries payment.....	4,153,000	6,000,000	0a/	0a/	6,000,000
b. Public school construction.....	1,974,458	1,700,000	1,345,000	0	1,345,000
c. Vocational education equipment.....	417,779	200,000	300,000	0	300,000
d. Equipment for public schools.....	674,223	460,000	200,000	0	200,000
e. University of the Ryukyus.....	29,977	0	0	0	0
f. English language training.....	119,744	65,000	80,000	0	80,000
2. Social Welfare Programs.....	1,310,000	240,000	0	0	0
a. Government retirement program.....	535,000	0	0	0	0
b. Medical insurance program.....	535,000	0	0	0	0
c. National pension program.....	240,000	240,000	0	0	0
3. Public Health & Medical Programs.....	1,043,768	1,300,000	1,305,000	790,000	515,000
a. Disease control.....	524,336	570,000	575,000	550,000	25,000
b. Hospitals.....	359,982	385,000	240,000	0	240,000
c. Leprosaria.....	124,450	215,000	240,000	240,000	0
d. Dispensaries and nurse stations.....	0	130,000	100,000	0	100,000
e. Health centers.....	35,000	0	150,000	0	150,000

a/ In FY 71, US funds are being earmarked for specific projects rather than for teachers' salary payments.

Sec I - Administration Ryukyu Islands, Army (ARIA) Appropriation	Actual FY 1969	Estimate FY 1970	Initial Estimate FY 1971	Revised Estimate FY 1971	Unfinanced Requirements FY 1971
<u>Project and Activity</u>	a	b	c	d	e
4. Public Safety Facilities.....	\$ 167,000	\$ 225,000	\$ 190,000	0	\$ 190,000
a. Traffic control signal lights.....	80,000	70,000	70,000	0	70,000
b. Police vehicles.....	22,000	50,000	70,000	0	70,000
c. Police patrol boat.....	65,000	65,000	0	0	0
d. Police communication equipment.....	0	40,000	50,000	0	50,000
5. Public Works and Economic Development.....	2,142,170	3,460,000	10,110,000	0	3,710,000
a. Roads and bridges.....	1,222,750	2,500,000	9,580,000 ^{b/}	0	3,180,000
b. Municipal housing.....	319,920	400,000	530,000	0	530,000
c. Ryukyu Land and Housing Corp.....	499,500	560,000	0	0	0
d. Ryukyuan products center.....	100,000	0	0	0	0
C. <u>Transportation of Commodities</u>	5,000	5,000	5,000	5,000	0
D. <u>Technical Education and Training</u>	1,112,828	1,090,000	1,065,000	650,000	415,000
1. National Leaders.....	43,216	35,000	35,000	0	35,000
2. Ryukyuan Scholarship Program	827,343	760,000	765,000	500,000	265,000
3. Third Country Training.....	5,080	10,000	0	0	0
4. US Technical Training.....	38,591	70,000	70,000	0	70,000
5. East-West Center.....	9,255	20,000	0	0	0
6. On-the-Job Training Programs.....	136,553	155,000	150,000	150,000	0
7. Other Training Activities.....	52,790	40,000	45,000	0	45,000

^{b/} Of this total, \$6,400,000 required for construction of Highway 41 has been transferred to the FY 71 USCAR General Fund program for financing.

<u>Sec I - Administration Ryukyu Islands, Army (ARIA) Appropriation</u>					
	Actual FY 1969	Estimate FY 1970	Initial Estimate FY 1971	Revised Estimate FY 1971	Unfinanced Requirements FY 1971
	a	b	c	d	e
E. Technical Cooperation	\$ 991,153	\$1,255,000	\$1,025,000	\$525,000	\$500,000
1. Univeristy of the Ryukyus.....	35,152	20,000	0	0	0
2. English Language Center.....	104,433	120,000	130,000	0	130,000
3. Commerical-Technical Schools.....	11,310	0	0	0	0
4. Medical Surveys and Advisory.....	597,608	760,000	625,000	525,000	100,000
5. Agricultural Advisory Services.....	0	100,000	0	0	0
6. Pre-Planning.....	227,960	200,000	220,000	0	220,000
7. Management Development.....	6,000	30,000	0	0	0
8. Other Surveys and Services.....	8,690	25,000	50,000	0	50,000
Total	<u>\$15,641,100</u>	<u>\$17,500,000</u>	<u>\$17,500,000</u>	<u>\$3,845,000</u>	<u>\$13,255,000</u>

Justification of Requirements - ARIA Appropriation

A. Reimbursement for Government Services

1. Public Safety Services - \$1,250,000

The GRI currently maintains a centralized police system comprised of 1,821 uniformed police officers and 89 civilian employees; an immigration office of 110 employees; and correctional and rehabilitation institutions consisting of three prisons, a reformatory and Juvenile Classification Home with 498 employees. Some of the services provided include crime prevention and investigations, suppression of vice, control of entry and exit, coordination of air/sea rescue operations, investigation of traffic accidents, traffic control and enforcement, control of civil disturbances and operation of penal and correctional institutions. In order to support the rising costs of these services, \$1,250,000 is proposed to be made available to the GRI in FY 1971.

2. Public Health and Sanitation Services - \$625,000

Services are provided by the GRI for prevention and treatment of infectious disease; maintaining surveillance over refuse disposal and collection, sewage and drainage facilities, and water treatment and distribution facilities; spraying ditches and other insect-breeding places with insecticides; and inspecting eating and drinking establishments, food processing plants, and wholesale and retail food outlets. It is proposed that \$625,000 be contributed in FY 71 for these services.

B. Contribution to Government Projects

1. Education Programs - \$1,925,000

a. Assistance for Ryukyuan Teachers' Salaries Payment - 0

b. Public School Construction - \$1,345,000

(1) Vocational Shops and Classrooms - \$715,000

Technical and vocational education in the Ryukyus has made substantial progress in recent years and can be expected to make greater progress in contributing to the economy if facilities are expanded. Funds are requested to: (a) build additional shops and classrooms at the Naha, Hambu and Chubu Trade and Vocational Institutes to enable a three-year course of instruction instead of the current two years (\$435,000); (b) add a civil engineering shop building at Chubu Technical High School (\$45,000); (c) add commercial practice rooms at Yaeyama Commercial and Technical High Schools (\$35,000); and (d) build 16 more vocational shops in the junior high schools (\$200,000).

(2) Schools for the Handicapped - \$140,000

The Government of the Ryukyu Islands operates six schools for the handicapped with a total enrollment of 960 as of May 1969. A new school for mentally-retarded children is scheduled to be constructed in Central Okinawa to take care of those accommodated in regular schools or not enrolled at all. \$90,000 is required for the initial phase of construction covering 10 classrooms, two offices and toilet facilities. Another \$50,000 is required to build a dormitory for 40 blind children enrolled in the Okinawa School for the Blind.

(3) Teachers' Quarters - \$175,000

Assigning teachers to remote areas is still a problem due to the limited availability of adequate living accommodations. Funds are required to build 20 units, each housing two families, in remote districts throughout the Ryukyus. Plans call for construction of teachers' quarters at Ginoza High School; Ie, Nishi, Theya, Izena and Yonaguni Elementary Schools; and Kouri, Sesoko, Ikei, Miyagi, Tsuken, Kitadaito, Minamidaito, Aguni, Tonaki, Ikema, Auroshima, Hateruma, Iriomote and Kohama Combined Schools.

(4) School Kitchens - \$100,000

Replacement of makeshift kitchens with modern facilities for preparation of school lunches is being continued. Funds are required to build 10 new kitchens at Miyako High School, Shiraho and Shirahara Junior High Schools, Higashi and Ikei Combined Schools, and four central locations in Kunigami, Itoman, Theya and Haneji.

(5) School Toilets - \$215,000

The program to provide modern, sanitary toilet facilities at all school levels continues to receive a high priority from school and public health officials. Funds are required for construction of 40 units at 14 elementary schools, five combined schools, 14 junior high schools, and nine high schools.

c. Vocational Education Equipment - \$300,000

There is need for further expansion to meet a projected increase in enrollment in vocational courses. In order to meet the equipment requirement for the new vocational shops and classrooms programmed to be built in FY 71, it is proposed that \$300,000 be provided. Funds will be allocated as follows: Technical High Schools (4): lathes, brake testers, engine dynamometers, silicon rectifiers, universal shunts, electric furnaces, speedometer testers, etc., \$50,000; Trade Schools (5): lathes, gear cutting machines, calipers hoists, hydraulic surfacing grinders, electric meters, drafting equipment, etc., \$70,000; Agricultural High Schools (6): transits, soil testers, plows, sprayers, dusters, sprinklers, brooders, feed grinders, etc., \$20,000; Fisheries High Schools (2): rowboats, echo sounding machines, emergency radios, diesel engines, synchro-scopes, direction finders, etc., \$15,000; Commercial High Schools (4): English typewriters, Japanese typewriters, adding machines, calculators, business machines, etc., \$25,000; Senior High School (Home Economics Course): gas burners, kitchen scales, sewing machines, cooking utensels, dress forms, etc., \$15,000; Senior High School (Nursing and Other Courses):

sterilization cabinets, wheeled stretchers, screen partitions, etc., \$5,000; and Junior High Schools: industrial equipment, tilting arbor, saws, planers, jigsaws, grinders, handtools, etc., \$100,000.

d. Equipment for Public Schools - \$200,000

In previous years, priority was placed on meeting only the basic requirements of desk and chair sets in the Ryukyuan public school system. Requirements still exist, however, for which \$200,000 is proposed. Funds will be allocated as follows: special classroom furniture such as typing desks, science laboratory tables and cabinets, \$100,000; home economic equipment such as cooking tables, sewing tables, stools and storage cabinets, \$25,000; vocational shop equipment such as work benches, lockers, stools and storage cabinets, \$60,000; and remote area equipment such as teaching machines for multi-grade classes, \$15,000.

e. University of the Ryukyus - 0

f. English Language Training - \$80,000

The Government of the Ryukyu Islands promotes English language training through several programs. One is the English teachers' retraining course in which public school teachers are relieved of their normal classroom duties for a period of 10 months and undergo intensive training at the English Language Center. One hundred fifty teachers have completed this course since FY 66. Another program is the training of adults in conversational English at various work sites. These courses run for three months and have trained about 9,600 to date. A third area of support is in providing language training equipment to the public schools. To support these programs, it is proposed that \$80,000 be provided - \$20,000 each for the teachers' retraining course and the adult training program, and \$40,000 to equip two new language laboratories and provide other language training equipment.

2. Social Welfare Programs - 0

3. Public Health and Medical Programs - \$1,305,000

a. Disease Control - \$575,000

The Government of the Ryukyu Islands is expected to continue to conduct an effective disease control program against tuberculosis, Japanese B encephalitis, malaria, leprosy, syphilis, gonorrhoea, dysentery, measles, streptococcal diseases and filariasis. To assist the local government in intensifying its efforts in this area, and to meet the rising costs of the expanding health program, it is proposed that \$575,000 be provided.

b. Hospitals - \$240,000

(1) Itoman Tuberculosis Center - \$200,000

The incidence of tuberculosis in the Ryukyu Islands is being slowly reduced through improved detection and treatment programs. However, it remains the single most disabling disease. There are an estimated 10,000 contagious tuberculosis patients on home care who are a potential source of infection to their family and neighbors. Due to the limited number of beds in government facilities, hospitalization is limited to six months or less depending on the severity of the case. The Government of Japan assists by paying for the admission and care of 760 patients to Japanese hospitals each year. In order to further improve the situation, a 100-bed wing is proposed to be added to the Itoman Tuberculosis Center in Southern Okinawa. US assistance is proposed for this purpose.

(2) Yaeyama Hospital - \$40,000

A 50-bed mental ward is planned for construction at the Yaeyama General Hospital in FY 70, to be financed with US funds. An additional \$40,000 is required in FY 71 to provide beds and other necessary equipment for the same hospital.

c. Leprosaria - \$240,000

The Government of the Ryukyu Islands operates two leprosaria, Airakuen in Northern Okinawa and Nansei-en on Miyako Island. As of June 1969, Airakuen had 751 patients and Nansei-en, 247, making a total of 998. Facilities for these unfortunate patients are not wholly adequate since GRI's financing of improvements has been rather limited. Priority projects proposed for FY 71 include: (a) construction of septic tanks at both locations to replace the presently inadequate sewage disposal facilities (\$50,000); (b) construction of an air-conditioned recreation and rehabilitation hall to replace the old, typhoon-damaged structure which is presently being used at Nansei-en (\$70,000); (c) installation of air-conditioning equipment for the recently built recreation and rehabilitation hall at Airakuen (\$20,000); (d) paving of the internal road net and construction of sidewalks to assist those on crutches and wheelchairs as well as the other disabled patients to move about with the minimum of effort (\$40,000); (e) construction of and equipment for a 2,700 square foot physical and occupational therapy facility at Airakuen to continue with a program initiated with assistance of consultants from Carville, Louisiana (\$30,000); and, (f) construction of an 1,800 square foot patients' cooperative center at each location to replace the abandoned buildings presently being used for sale and exhibit of patients' arts and handicrafts as well as for sale of sundry items to patients and visitors (\$30,000).

d. Dispensaries and Nurse Stations - \$100,000

In continuing the program for replacement of old dispensaries constructed during 1949-1951 in remote areas of the Ryukyus, seven more are scheduled to be constructed in FY 71. These are to be located at Aka and Oku, Northern Okinawa; Ikema, Miyako Gunto; and Ohara, Hateruma and Kohama, Yaeyama Gunto. These dispensaries will be 3,150 square feet each and will have a doctor's office, a waiting room, an examination and treatment room, a nurse's office, and two or three emergency beds.

e. Health Centers - \$150,000

Nago Health Center serves a population of over 140,000 in Northern Okinawa. The present facility which was constructed over 20 years ago is much too small for the various activities conducted, including operation of maternal and child health clinics; immunizations; tuberculosis examinations, leprosy surveillance; and coordination of environmental sanitation efforts. Expansion of the structure is not possible because of the limited ground area, and the present foundation will not support a second floor. Replacement with a modern 13,500 square foot ferro-concrete structure is therefore proposed in FY 71. US assistance of \$150,000 is proposed for this purpose.

4. Public Safety Facilities - \$190,000

a. Traffic Control Signal Lights - \$70,000

There were as of 30 June 1969 approximately 154,000 motor vehicles registered with the Government of the Ryukyu Islands, municipalities, and US Army Provost Marshal's office in addition to the US Armed Forces vehicles on the limited road net of the Ryukyu Islands. This was an increase of 16,000 or 11.6 percent in the past twelve months. Installation of traffic control signals in the past five years supported by ARIA funds has been effective in the safe movement and control of traffic and protecting pedestrians. To further improve traffic control on the existing major highways, installation of additional traffic control signal lights at ten major intersections is proposed.

b. Police Vehicles - \$70,000

The GRI police presently depend on a limited number of vehicles - many of which are obsolescent - for its operations. The increasing number of vehicles and traffic accidents in recent years require greater mobility to assist in patrolling and accident investigation. Compared to 56,000 vehicles and 3,635 accidents in FY 63, there were 154,000 vehicles and 12,537 traffic accidents in FY 69. Mobility is also needed for crime investigation and control of civil disturbance. In order to assist the GRI, \$70,000 is requested. This will replace one old police van, replace seven old patrol sedans, add seven more patrol sedans, and add 57 light duty motorcycles. The motorcycles will be distributed to policemen assigned to rural areas.

c. Police Patrol Boat - 0

d. Police Communications Equipment - \$50,000

The Koza and Kadena District Police Stations, both located near Kadena Air Base, utilize magneto telephone switchboards which are obsolete and inefficient. Furthermore, the number of circuits (a total of 52 for the two stations) is inadequate for requirements. To improve the situation, the GRI proposes to install a new automatic 100-circuit switchboard at Koza District Police Station. This will provide 60 circuits for the Koza Police, 20 for the Kadena Police, and the remainder for connections with GRI Police Headquarters, other police stations in Central and Northern Okinawa, as well as for emergency use. There is also a requirement to replace an auxiliary generator in the GRI Police Headquarters communications section. \$50,000 is proposed to assist the GRI in procuring and installing these items.

5. Public Works and Economic Development - \$10,110,000

a. Roads and Bridges - \$9,580,000

(1) Highway 41 - \$6,400,000

The motor vehicle population on Okinawa is currently over 150,000 vehicles and is increasing at an average rate of nearly 1,000 vehicles per month. Even with the current vehicle population, the existing highway system is critically inadequate, especially in the more densely populated areas. In FY 68, the GRI commenced construction of a high priority, 4-lane, limited access highway from Highway 7 south of Naha northward 11.9 km parallel to Highways 1 and 5. This highway - designated Highway 41 - with its connecting roads will contribute significantly to reducing the present congestion.

Through FY 70, the GRI is expected to contribute \$8 million toward this project, mostly for real estate acquisition, while US contributions from this appropriation are expected to total \$3 million and contributions from the USCAR General Fund, \$4.2 million. Through FY 69, 3.1 km of four lane controlled access highway and the Kokuba river bridge, with approaches, were under construction contract. An additional 3.3 km, including a major interchange, have been programmed for FY 70. For FY 71, \$6,400,000 is proposed for financing out of this appropriation for the Iso Interchange and 3.1 km of highway which will connect Highway 41 to Highways 1 and 5, thus providing 9.9 km of usable 4-lane highway. (The proposed FY 71 USCAR General Fund program also has \$1.85 million for Highway 41 real estate acquisition). The remaining 2 km is planned for FY 72 funding and involves alteration of an existing paved two-lane roadway to four traffic lanes.

(2) Highway 13 (Kushi-son - Higashi-son) - \$2,000,000 (*out*)

Highway 13 and 1, on the east and west coasts of Okinawa respectively, are the only north-south highways in the northern half of Okinawa. Highway 13 has been improved to a two-lane asphalt concrete road northward to Henoko. In the mountainous area north of Henoko, Highway 13 is a 4-5 meter wide, coral surfaced road with steep grades and sharp horizontal curves. Improvement of Highway 13 between Henoko, Kushi-son, and Kawata, Higashi-son, is proposed for FY 70, 71 and 72 funding. Construction costs are estimated to be \$5.3 million. The existing road connecting these points is 32.7 kilometers long. It includes 14 grades exceeding 15 percent and 311 horizontal curves with radii of 50 meters or less. Planned improvements in alignment and profile would reduce the length of the highway to 27.4 kilometers and provide a two lane, asphalt concrete surface road with 8 percent maximum grades and horizontal curves with 100 meter radii or greater. An improved Highway 13 would not only benefit the existing communities, but would open up new areas for development and facilitate the construction of a pipeline from Fukuji Dam to the populated areas in Southern Okinawa.

(3) Highway 13 (Kochinda-Yonabaru) - \$410,000

Highway 13 in Southern Okinawa connects Itoman, on the west coast below Naha, with Yonabaru and points north on the east coast. 3.1 km of this highway is programmed for improvement with FY 70 funds. Completion in FY 71 of improvements to this narrow, poorly drained, gravel-surfaced road to a wider, safer, paved highway will divert significant portions of the traffic which is currently routed through the congested Naha area. \$410,000 is required in FY 71 for this purpose.

(4) Asahi Bridge, Naha City - \$220,000

\$220,000 is required for replacement of a two lane steel girder bridge at the intersection of Highways 1 and 44 in Naha City. The new six lane bridge will eliminate a severe bottleneck at one of the busiest intersections on Okinawa and will assist in diverting traffic off Highway 1.

(5) Highway 24 - \$100,000

A large portion of the traffic in Okinawa is currently channeled along Highways 5 and 130 through the center of congested Fort Buckner. Improvement of a small portion of Highway 24 near Koza City will provide a parallel alternate route and will permit the diversion of much traffic from this area. \$100,000 is required for this purpose.

(6) Highway 108 - \$330,000

Highway 108, a major cross-island link connecting Highways 1 and 13, is now gravel surfaced, in poor condition and subject to landslides during heavy rains. Improvements including bituminous surfacing are vitally needed to provide for increased traffic and to protect a water pipeline under the highway. Record rains in 1969 exposed and endangered segments of this pipeline. \$330,000 is required for this project.

(7) Koza City Street 2-3-3-11 - \$35,000

\$35,000 is required (to augment \$14,000 of local funds) for improvements to 1.1 km of Koza City Street 2-3-3-11. This project will provide a by-pass for Highway 5 within Koza and will eliminate a current bottleneck which impedes north-south traffic.

(8) Traffic Signs and Lane Markings - \$85,000

To reduce accidents, secure better use of highway pavement areas and improve the flow of traffic on existing highways, two additional minor projects are proposed. \$60,000 is required for the placement of 2,244 badly needed warning, guide and regulatory traffic signs, and \$25,000 is required for provision of 98 km of traffic lane (painted) markings.

b. Municipal Housing - \$530,000

An acute housing shortage exists in the Ryukyu Islands, particularly in the urban areas. The most recent comprehensive housing survey, performed as part of the 1960 census, determined that an estimated 54,000 families throughout the Ryukyus do not have minimally adequate housing. A limited housing survey in the 1965 provisional census estimated that 19,000 families in Naha City and 3,600 families in Koza City needed improved housing. Housing is provided through the Municipal Housing Program, the Ryukyu Land and Housing Corporation, GOJ-sponsored housing loan program and private construction. 2,066 apartments have been completed and 424 apartments are under construction under the Municipal Housing Program. The FY 70 Municipal

Housing Program includes an additional 470 apartments. A US contribution of \$530,000 in FY 71 together with \$3.5 million in contributions from GOJ, GRI and municipalities involved, will provide 800 new apartment units in various localities at an estimated unit cost of under \$5,000 per apartment including real estate. The US contribution is to be expended for construction of buildings, interior streets, utility systems and landscaping.

C. Transportation of Commodities - \$5,000

Each year some worthwhile but unprogrammed donations are proffered by United States charitable groups. These gifts consist primarily of clothing, hospital and medical supplies and equipment, books, and other miscellaneous relief items, and the value of which is far above the purchasing power and ability of many poor Ryukyans. These supplies are used in worthy welfare projects, thus serving a basic need while simultaneously promoting national amity. The principal donors are the American Red Cross, Catholic Relief Services, Church World Service, and similar organizations. To cover the cost of transportation of these gifts, \$5,000 is required.

D. Technical Education and Training

1. National Leaders - \$35,000

This program gives an opportunity for Ryukyuan leaders in government, business, and professional fields to visit the United States to observe first-hand the American economic, political, and educational scenes. The National leader delegations participate in visits to local, state, and national government agencies, and to private organizations; attend lectures and seminars, and make inspection visits. These missions provide a valuable means for interchange of ideas and an excellent opportunity to see the latest techniques and advances in their respective fields. These concepts are passed on to associates upon their return to the Ryukyuan community.

2. Ryukyuan Scholarship Program - \$765,000

This program has provided scholarship opportunities in United States university and colleges for about a thousand students since its inception in 1949. Ordinarily, M.A. degree candidates are allowed up to two years to finish their degree requirements; Ph.D. candidates, three years; and bachelor-degree candidates, four years. In FY 70, this program is supporting a total of 221 students: 35 new and 113 extended students in CONUS; and 19 new and 54 extended students in Hawaii. For FY 71, \$765,000 is required to support a total of 210 students comprised of: 35 new and 105 extended students in CONUS; and 25 new and 45 extended students in Hawaii.

3. Third Country Training - 0

4. US Technical Training - \$70,000

This program offers both formal courses and on-the-job training in technical skills at government agencies, selected vocational institutions, private industrial firms and farms in the United States. The types of training include business education, public health nursing, environmental sanitation, labor administration, census techniques, medical laboratory techniques, banking administration, electric power maintenance, agriculture, livestock and fisheries. The program also provides for round trip transportation to Hawaii or the continental United States for trainees in commerce and industry whose sponsoring firms are willing to pay for all other travel and training costs while in the United States. In Hawaii, most of the training is conducted by the East-West Center.

5. East-West Center - 0

This program is combined with the US Technical Training Program because of the similarity in training objectives.

6. On-the-job Training - \$150,000

In order to provide practical training opportunities for young workers in the Ryukyus, the following on-the-job training programs are planned for FY 71: (a) apprentice training for 100 trainees to learn basic skills such as radio repair, sheet metal work, auto repair and carpentry in US Army facilities; (b) engineer training for 20 university graduates at the US Army District Engineer office on Okinawa; (c) work-study program for 115 Ryukyuan university students at selected US Army shops and offices and GRI medical facilities; and (d) medical training for five veterinarians and technicians at the US Army Hospital, Ryukyu Islands. A total of \$150,000 is required for this purpose.

7. Other Training Activities - \$45,000

Occasionally, qualified Ryukyuan are offered special education and training opportunities not covered by any of the preceding categories. For example, University of the Ryukyus professors are sometimes invited to serve as exchange professors in the United States for six-month to one-year periods. This offers local educators an opportunity to teach American students, observe teaching methods, exchange views with their counterparts and observe advanced techniques and facilities. Ryukyuan lawyers are also invited annually to participate in programs conducted at the Academy of American and International Law, at the International and Comparative Law Center in Texas. Other training is also available in nearby countries such as the Republic of China, the Philippine Republic, and Japan. To provide the participation in these activities \$45,000 is required.

E. Technical Cooperation

1. University of the Ryukyus - 0

This program was phased-out upon termination of the Michigan State University guidance contract with the Department of the Army. However, short term guidance is still provided the university under "Other Surveys and Services".

2. English Language Center - \$130,000

The English-Language Center was constructed in FY 63 with ARIA funds as a facility to promote the use of English among the Ryukyuan people. Current projects include: (a) orientation and training of Ryukyuan scholarship candidates and students sent abroad for technical, business, and professional training; (b) classes for employees of the GRI and for local social, business, and professional groups; consultant services, seminars, and demonstrations for schools, universities and educational groups; (d) writing and publishing text materials of interest to teachers of English; (e) preparation of scripts and tapes for radio instructions; (f) classes in American studies for students, teachers and the general public; and (g) research work in the field of English teaching with a view toward improving teaching techniques and procedures.

3. Commercial-Technical Schools - 0

4. Medical Surveys and Advisory Services - \$625,000

The University of Hawaii School of Medicine initiated in April 1967 under a Department of the Army contract, a post graduate medical education program for Ryukyuan physicians and house officers. This training is being conducted at the modern Okinawa Central Hospital which was built and equipped largely with US funds. A total of 16 have completed their internship to date and an additional 14 interns are undergoing training. Of those who have completed their internship, 13 are now in resident (specialty) training. This program is also providing for the upgrading of local government physicians who receive short term training in certain sub-specialties. The continuation of this program is essential to the improvement of the practice of medicine in the Ryukyus. It also helps alleviate the shortage of medical and para-medical personnel. It is proposed that this program be phased-out over the next two years.

5. Agricultural Advisory Services - 0

6. Pre-Planning - \$220,000

To assist in expediting future public works construction projects, it is necessary to accomplish some of the planning and designing a year or so prior to the scheduled year of implementation. The Government of the Ryukyu Islands is expected to apply \$280,000 of its own funds for this purpose in FY 1971. In order to assist in this area, \$220,000 in US funds is proposed in FY 1971. The US funds will be used mainly for advance planning of highway and airfield improvement projects.

7. Management development - 0

8. Other Surveys and Services - \$50,000

This program provides short term services of consultants in special fields not covered by the other programs. In recent years, consultants have been invited in such varied areas as banking, power rates, long-range fuel requirements, forestry, etc. This program also provides consultants from American academic institutions to the University of the Ryukyus.

Sec II - USCAR General Fund	Actual FY 1969	Estimate FY 1970	Initial Estimate FY 1971	Revised Estimate FY 1971	Unfinanced Requirements FY 1971
<u>Project and Activity</u>					
A. Investment in Petroleum Facilities	194,000	330,000	150,000	150,000	-0-
B. Special Assistance to Municipalities	399,000	300,000	500,000	300,000	200,000
C. Disaster Relief	149,000	400,000	200,000	200,000	-0-
D. Contribution to Ryukyu Domestic Water Corporation ✓	1,600,000	2,000,000	4,800,000	4,500,000	300,000
E. Contribution to Ryukyu Electric Power Corporation ✓	450,000	3,500,000	-0-	-0-	-0-
F. Contribution to Ryukyu Development Loan Corporation ✓	750,000	-0-	-0-	-0-	-0-
G. Construction of Sewer Systems ✓	4,150,000	2,500,000	2,500,000	2,500,000	-0-
H. Other Economic Development and Public Works Projects:					
1. Roads and Bridges: ✓					
Highway 41 ✓	2,443,000		1,850,000	8,250,000	-0-
Other Roads ✓	130,000	2,500,000	1,020,000	-0-	1,020,000
2. Airfields: ✓					
Naha Civil Air Terminal	1,136,000		2,000,000	-0-	2,000,000
Other Airfields	176,000	340,000	-0-	-0-	-0-
3. Municipal Grants for Water Systems ✓			250,000	-0-	250,000
4. Rural Electrification ✓	100,000	100,000	250,000	-0-	250,000
5. Economic Surveys ✓	169,000	150,000	200,000	-0-	200,000
Total	<u>\$11,846,000</u>	<u>\$12,120,000</u>	<u>\$13,720,000</u>	<u>\$15,900,000</u>	<u>\$ 4,220,000</u>

Justification of Requirements - USCAR General Fund

A. Investment in Petroleum Facilities: \$150,000

Funds are required for investing in facilities for receiving, storing and dispensing petroleum products at USCAR-owned petroleum terminals and aircraft refueling stations. These additional facilities will enable the operating personnel to function with maximum efficiency and safety. The investment includes additions, replacements, and a reserve for emergency requirements.

B. Special Assistance to Municipalities: Initial Estimate \$500,000
Revised Estimate \$300,000

Funds are required to provide aid to municipalities for minor construction projects, primarily of a civil nature, initially for projects which are initiated by the local people through self-help programs. The average amount of assistance is approximately two-thirds of the cost of a project.

C. Disaster Relief: \$200,000

This item provides a reserve fund to render immediate emergency disaster relief assistance for the welfare and well-being of the people of the Ryukyu Islands. The funds will be used primarily for the erection of temporary housing, procurement of foodstuffs, emergency repairs to roads, bridges and other public facilities in the event of a typhoon or other disaster.

D. Capital Contribution to the Ryukyu Domestic Water Corporation: Initial Estimate \$4,800,000
Revised Estimate \$4,500,000

The FY 1971 program will enable the Ryukyu Domestic Water Corporation to continue with the expansion and improvement of existing water facilities and the development of water sources and systems needed to meet current and projected requirements for water in the heavily populated South-Central Okinawa. The long range master water plan began in FY 1963 at a total cost of \$54 million. \$28.6 million had been obligated by the end of FY 1969. Phase I construction on Fukuji Dam was initiated in May 1969 and will be completed in April 1970. Phase II will commence in April 1970 at an estimated cost of \$10.6 million with completion scheduled for April 1972. It is planned to finance the \$10.6 million from future earnings of RDWC and the General Fund during the construction period from 1970 to 1972. Design of the northern pipeline from the Fukuji Dam to the Ishikawa Treatment Plant is proposed for FY 1971 at a cost of \$300,000, preparatory to developing additional required construction costs and utilizing the forward financing concept applicable to the Fukuji Dam complex. Water demand continues to grow at predicted rates and reached a peak of 51 million gallons per day during 1969 compared with a 1968 peak of 45 million.

Major projects planned for FY 1971 include the following: Phase II - Fukuji Dam construction, \$4,000,000; Highway 13 pipeline (Fukuji-Ishikawa) design, \$300,000; Taira Pump Station, Phase I, construction, \$370,000; well development, Stage IV, construction, \$100,000; and contingencies, \$30,000.

E. <u>Capital Contribution to the Ryukyu Electric Power Corporation:</u>	\$ -0-
F. <u>Capital Contribution to the Ryukyu Development Loan Corporation:</u>	\$ -0-
G. <u>Contribution for Construction of Sewer System:</u>	\$2,500,000

The master program for construction of sewer systems totals \$30 million. This program is essential for the development of an effective public health program for the Ryukyu Islands. Construction of the system which started in 1964 is concentrated mainly in heavily populated urban areas of the southern sector of Okinawa. As of 30 June 1970, \$6 million from the ARIA appropriation and \$10.7 million from the USCAR General Fund will have been obligated for this system. These funds were used to build two sewage treatment plants and major portions of the sewage collection system. Major emphasis on municipal gravity sewers is now required to provide a more complete, usable and effective waterborne sewage collection and disposal system. Continuation of this program is essential to secure maximum health, environmental sanitation and economic benefits from investments made to date. The provision of a modern waterborne sewage collection and treatment system will be an important element in the growing development of Okinawa as a center of tourism and as an attractive site for future industrial investment. In addition, this program is a major element in the effort to reduce the pollution of natural resources such as limited fresh water supply and existing beaches; and to provide properly for the welfare of the Ryukyuan people. \$2.5 million is required in FY 1971 to continue construction of the gravity sewers in Naha, \$1,200,000; gravity sewers for the municipalities of Kadena, Yomitan, Kitanakagusuku, Urasoe, Chatan and Ginowan, \$900,000; completion of the Ishikawa sewer system, \$250,000; and supervisory and administrative costs, \$150,000.

H. Other Economic Development and Public Works Projects:

1. <u>Roads and Bridges</u>	Initial Estimate	\$2,870,000
	Revised Estimate	\$8,250,000

The existing highway system is not adequate to carry the very dense motor vehicle traffic in the heavily populated areas of Central and Southern Okinawa. As of 30 June 1969, the motor vehicle population had increased to over 150,000. The road network from Naha City to Kadena Air Base is the most heavily congested traffic corridor on Okinawa. Highway 1 is the principal north-south road. The 4-lane portion of Highway 1 is approximately 15 miles in length, or 3% of the total mileage of roads on Okinawa; yet it carries over 24% of the average daily vehicle load on Okinawa. Industry and commerce have developed along the entire length on both sides of Highway 1. The existing roadway is not capable of carrying safely the traffic burden being imposed.

The GRI is constructing on a high priority basis a new 4-lane highway (Highway 41), with connecting lateral secondary roads, from Highway 7 south of Naha to Ojana and Maehara north of Naha. This 11.9 km long highway includes 9.9 km of controlled-access highway and six major interchanges. For the remaining 2 km in heavily developed Naha City, it is tentatively planned to provide 2-lanes at ground elevation and 2 elevated lanes because of the prohibitive costs associated with additional real estate acquisition in the heart of Naha City. This highway, and its connecting lateral roads, is essential to the future development of the economy. Construction of Highway 41 was started in FY 68 and continued in FY 69. Construction contracts for 4.9 km of road including the Kokuba River Bridge and 3 interchanges are in progress. An additional 3.3 km of highway and a major interchange are included in the FY 70 program request. The US FY 71 plan includes \$6.4 million for construction and \$1.85 million for real estate acquisition to complete the Iso-Ojana and Iso-Maehara segments, thereby opening 11.9 km of Highway 41 to traffic in late 1972. The FY 72 program will provide for the upgrading of the remaining 2 km of 2-lane highway to 4-lanes.

In addition to Highway 41, the FY 71 program includes other much needed highway improvements. In the continuing effort to relieve the excessive traffic congestion on Highway 1, \$1,000,000 is required for a project which will provide material relief. Real estate is available for widening a portion of Highway 1 from its intersection with Route 44 to the vicinity of the Machinato Housing Area South Gate. These improvements are recommended in the Immediate Transportation Requirements Study. This project will provide six traffic lanes, two on-street parking lanes, a median strip, curbs and gutters, sidewalks and necessary modifications to existing pedestrian bridges. These improvements are urgently needed on the most congested segment of the highway system on Okinawa.

The new Isahama Sewage Treatment Plant is under construction with US funds. Provision of a 234 meter paved access road from Highway 1 is required for proper operation of the plant and to provide right-of-way for the treated water line to the plant. The FY 71 US contribution of \$20,000 for this project will be supplemented by local counterpart funds of \$7,200.

2. Airfields

\$2,000,000

Funds are required for the second increment in Stage I of a two stage plan to provide improved civil air facilities at Naha to meet year 1975 (Stage I) and year 1980 (Stage II) requirements. The first increment of Stage I is currently under contract and will provide approximately 60 acres of reclaimed land for expansion of facilities. The second increment, requiring \$2 million of FY 71 General Fund monies (plus a \$1 million GOJ contribution) will provide taxi-ways, aircraft parking pavements, aircraft re-fueling facilities and other necessary utilities to support year 1975 requirements. To relieve the increasingly critical congestion at the Naha Civil Air Terminal, construction of facilities is required to accommodate the following:

Stage	Year	Passengers			Aircraft Berths
		Inter-island	Inter-region	Total	
I	1975	820,000	920,000	1,740,000	12
II	1980	1,440,000	2,600,000	4,040,000	20

The third and final increment of Stage I provides terminal facilities to meet year 1975 requirements and should be financed in FY 72.

3. Contribution to Municipalities for Water Systems

\$250,000

RDWC has expanded water sources and pipelines to serve 26 municipalities south of Ishikawa. GRI normally provides a 50% subsidy to municipalities for the development of municipal water distribution systems served by RDWC. Because of limited funds, these municipal subsidies by GRI have been curtailed. GRI has, however, continued the funding for off-shore islands where the water facilities are poor or non-existent. Many municipalities wish to expand and enlarge their water distribution system, but are unable to because of insufficient capital. These funds will provide additional water service to the civilian population and improve their health and living standards. Funds will be provided on 50% subsidy basis through GRI. The municipalities will contribute the additional capital from locally generated revenues.

4. Rural Electrification

\$250,000

The GRI has developed a master plan to provide 24 hour electric service for 31 off-shore islands. Presently only eight islands have 24 hour service. REPC has received petitions from numerous municipalities requesting that REPC take over the existing facilities currently providing service only 4 to 6 hours per day, improve and expand the existing systems, and reduce the retail power rate.

5. Economic Studies, Surveys and Pre-Planning

\$200,000

Funds are required to continue economic studies and surveys to further economic development of the Ryukyu Islands. Also in order to expedite future public works construction projects, it is necessary to accomplish some of the planning and design a year or so prior to the scheduled span of implementation.

琉球列島米国民政府

民政官室

(APO San Francisco 96248)

及び

琉球政府

行政主席室

(沖縄那覇)

協 約 書

1969年2月10日那覇において琉球列島米国民政府(以下「民政府」という。)と琉球政府(以下「琉球政府」という。)の間で次のとおり協約する。

米合衆国は公法第90-581号及び公法第86-629号(改正を含む。)に定められた権限に基づき、次の目的に対して使用するため1969会計年度直接経済援助としてARIA資金から13,400,000ドル及びUSCAR一般資金から4,400,000ドル、総額17,800,000ドルを琉球政府に交付する。

1 琉球列島内の米陸軍のため及び琉球列島内に米陸軍が駐留する理由により行なわれるサービスに対しての琉球政府への支払い

a 公安業務	\$ 1,000,000
b 公衆衛生	500,000
小計	\$ 1,500,000

2 琉球の経済開発及び住民の福祉向上のための政府事業に対する

出資金

a 教育事業	\$ 3,220,000
b 琉球の教職員に対する援助	4,153,000
c 社会福祉事業	1,310,000
d 保健及び医療事業	985,000
e 公安施設	167,000
f 公共事業及び経済開発	6,265,000
(1) 道路橋梁	2,395,000
(2) 飛行場整備	1,650,000
(3) 公営住宅	320,000
(4) 琉球土地住宅公社	500,000
(5) 下水道施設	1,300,000
(6) 琉球物産センター	100,000
小計	\$ 16,100,000
3 災害救助	200,000
合計	\$ 17,800,000

ここに次のとおり両者合意協約する。

- 1 この資金は、上記の目的に対してのみ使用するものとする。
- 2 この資金は一部たりとも土地の取得に使用してはならない。
- 3 公安及び公衆衛生事業(1項a及びb)の資金はこれら各事業範囲内に限りそれぞれの金額の範囲内で琉球政府の裁量により調

運費、契約上の経費、運営費及び固定的経費に使用することができる。かつこの資金は琉球政府が実際に負担行為を行なう前に琉球政府にトランスファーすることができる。

4 琉球の教職員に対する援助資金(2項b)は琉球の公立及び政府立の教職員の給与支払いに対してのみ使用するものとする。

且つこの資金は琉球政府が実際に負担行為を行なう前に琉球政府にトランスファーすることができる。

5 社会福祉事業(2項c)のための資金は琉球政府の社会保険特別会計の基金分損金としてのみ充当することができる。かつ、この資金は琉球政府が実際に負担行為を行なう前に琉球政府にトランスファーすることができる。

6 災害救助資金(3項)は高等弁務官が災害宣言を行なったときに限り利用できるものとし、かつ、緊急の必要に限り運用する。

7 その他すべての事業資金(2項a、d、e及びf)は物資の購入及び運送並びに適当な契約業務に限り運用する。当該資金の如何なる部分をも管理費又は固定費に支出してはならない。

この資金を使用して行なう設計及び位置選定その他の事項は、民政府の事前承認を受けなければならない。

なお、琉球政府は民政府から負担行為承認を受ける前に負担行為を起してはならない。

琉球政府はこの資金の負担行為をなした場合すみやかに民政府に通知し、かつ、購入発注済み又は契約済みの証拠書類を提示する

ものとする。

資金は実際に受取つた物資、実際に行なわれたサービスに対し又は契約条件を満たすために限り、かつ、琉球政府及び民政府の検査条件を完了した後に限り実際にトランスファーする。

琉球政府は、これらの事業に関して違約金を課す前に民政府に通知する。

琉球政府は、事業が完成した場合、市町村その他の団体がその運営及び維持に責任を負うことが適当であるとする場合当該市町村又はその他の団体に権利を譲渡することができる。

8 民政府はこれらの資金による設備及び資材の供給を米合衆国の仕入先からの直接購入によることができる。

9 琉球政府はこの資金の負担行為及び支出を迅速にするためあらゆる努力を払うものとする。

民政官は1969年6月30日までに最大限の負担行為を保証するよう資金の再編成をすることができる。

10 琉球政府は民政府から要求された場合は資金及び事業状況について具体的報告書及び関係書類を提出するものとする。

以上のことを証するため民政府民政官及び琉球政府行政主席は各各下欄に署名する。

琉球列島米国民政府

民政官

スタンリー・S・ガーベントー

琉球政府

行政主席

屋良朝苗

事業名	摘 要
3. 香港	(1) 実施主体 - 電力公社
発電機	(2) 工事期間
第1号	FY 1972 ~ 81
	(10年間)
	現在 blue print
	本年 6月中旬起工予定
	FY 1973 にあつて
	全体の 70% に実施
	予定
	(1) 資金
	10,000 千円 (見込)
	(2) 支払計画
	20% 出資高払
	残り 80% は 10年間の
	返済支払。
4 育英奨学	(1) 実施主体 - USCAR
事業	(2) 1979年開始
	(3) 概況

100312

457-113

事業名	摘 要
	FY 1971
	210名 (留学生)
	1971 新規 35(本工) 25(1971)
	延長 105(11) 45(11)
	(2) 資金
	FY 1969 827 千円 (決算)
	" 1970 760 千円 (予算)
	" 1971 500 千円 (11)
	" 1972 1,000 千円 (要求)
(参考)	◎ 米側にあつて一時計画は
導水管	立上経緯がある。
(福地ダム	現在 米側は日政が
~	実施するに在望して
石川(水場)	1130
	FY 1971
	300 千円

GENERAL SERVICES ADMINISTRATION
 PRO. PROC. (CO. 141 C) 1-16-101
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. ~~XXXXXX~~/MODIFICATION NO. P-001
 2. EFFECTIVE DATE 69 JUN 27
 3. REQUISITION/PURCHASE REQUEST NO. ORIGINAL
 4. PROJECT NO. (if applicable)

5. ISSUED BY
 U. S. Army Engineer District, Okinawa
 Corps of Engineers
 APO San Francisco 96331
 CODE

6. ADMINISTERED BY (if other than block 5)
 CODE

7. CONTRACTOR NAME AND ADDRESS
 CODE FACILITY CODE
 Asian American Constructors, Inc., and
 D. R. Kincaid, Inc. (Joint Venture)
 P. O. Box 396
 Koza, Okinawa
 (Street, city, county, state, and ZIP Code)

8. AMENDMENT OF SOLICITATION NO.
 DATED (See block 9)
 MODIFICATION OF CONTRACT/ORDER NO. DACA79-69-C-0073
 DATED 69 May 08 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of offers is extended, is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:
 (a) By signing and returning _____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (if required)
 OWC MEMO ACCOUNT Code 521

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS
 (a) This Change Order is issued pursuant to _____
 The Changes set forth in block 12 are made to the above numbered contract/order.
 (b) The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.
 (c) This Supplemental Agreement is entered into pursuant to authority of _____
 It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF CHANGE/AMENDMENT
 In order to correct the unit price of Item 56a of the Bidding Schedule. BCD-1.
 The unit price of Item No. 56a of the Contract Bidding Schedule is corrected as follows:
 Did Read: "\$0.35"
 Should Read: "\$0.30"
 This change is for administrative purposes only and is not intended to affect the substantive rights of either party.

This modification is satisfactory and is hereby accepted.

Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT. CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE.

14. NAME OF CONTRACTOR/OFFEROR
 BY *[Signature]*
 (Signature of person authorized to sign)

17. UNITED STATES OF AMERICA
 BY *[Signature]*
 (Signature of Contracting Officer)

15. NAME AND TITLE OF SIGNER (Type or print)
 LESLIE F. CALLAN
 Vice President

16. DATE SIGNED
 JUL 10

18. NAME OF CONTRACTING OFFICER (Type or print)
 VERNON T. LOESING, Colonel, CE
 Contracting Officer

19. DATE SIGNED
 69 JUN 27

GENERAL SERVICES ADMINISTRATION
 PRO. PROC. (CO. 141 C) 1-16-101
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. ~~XXXXXX~~/MODIFICATION NO. P-002
 2. EFFECTIVE DATE 69 AUG 28
 3. REQUISITION/PURCHASE REQUEST NO. ORIGINAL
 4. PROJECT NO. (if applicable)

5. ISSUED BY
 Ryukyu Domestic Water Corporation
 c/o U.S. Army Engineer District, Okinawa
 Corps of Engineers
 APO San Francisco 96331
 CODE

6. ADMINISTERED BY (if other than block 5)
 CODE

7. CONTRACTOR NAME AND ADDRESS
 CODE FACILITY CODE
 Asian American Constructors, Inc., and
 D. R. Kincaid, Inc. (Joint Venture)
 P. O. Box 396
 Koza, Okinawa
 (Street, city, county, state, and ZIP Code)

8. AMENDMENT OF SOLICITATION NO.
 DATED (See block 9)
 MODIFICATION OF CONTRACT/ORDER NO. DACA79-69-C-0073
 DATED 69 May 08 (See block 11)

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 (a) By signing and returning _____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (if required)
 OWC MEMO ACCOUNT Code 521

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS
 (a) This Change Order is issued pursuant to The "TERMINATION FOR DEFAULT-DAMAGES FOR DELAY-TIME EXTENSIONS" clause.
 The Changes set forth in block 12 are made to the above numbered contract/order.
 (b) The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.
 (c) This Supplemental Agreement is entered into pursuant to authority of _____
 It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF CHANGE/AMENDMENT
 Provide for a 14 calendar day time extension due to delays beyond the control and without the fault or negligence of the contractor, namely, inaccessibility of the quarry site caused by flooding of the access road during the heavy June rains; BCD-3.
 The contract price is not changed as a result of this modification.
 The times for completion of the work as provided by SPECIAL PROVISION SP-1(a), SP-1(b) and SP-1(c) are extended by 14 calendar days as a result of this modification.
 The modification includes the entire adjustment of contract price and performance time attributable to the delays described herein.

This modification is satisfactory and is hereby accepted.

Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT. CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE.

14. NAME OF CONTRACTOR/OFFEROR
 BY *[Signature]*
 (Signature of person authorized to sign)

17. UNITED STATES OF AMERICA
 BY *[Signature]*
 (Signature of Contracting Officer)

15. NAME AND TITLE OF SIGNER (Type or print)
 ANER W. ERICKSON
 President

16. DATE SIGNED
 27 Aug 69

18. NAME OF CONTRACTING OFFICER (Type or print)
 VERNON T. LOESING, Colonel, CE
 Contracting Officer

19. DATE SIGNED
 69 AUG 28

GENERAL SERVICES ADMINISTRATION REG. PROC. AIG. 141, C741, 12-14, 101		AMENDMENT TO SOLICITATION/MODIFICATION OF CONTRACT	
1. AMENDMENT/MODIFICATION NO. P-003	2. EFFECTIVE DATE 69 SEP 20	3. REQUIREMENT/PURCHASE REQUEST NO. ORIGINAL	4. PROJECT NO. (If applicable)
5. ISSUED BY Ryukyu Domestic Water Corporation c/o U.S. Army Engineer District, Okinawa Corps of Engineers APO San Francisco 96331	6. ADMINISTERED BY (If other than block 5)	7. FACILITY CODE	
7. CONTRACTOR NAME AND ADDRESS Asian American Constructors, Inc., and D. R. Kincaid, Inc. (Joint Venture) P. O. Box 396 Kozu, Okinawa	8. AMENDMENT OF SOLICITATION NO. [] DATE [] (See block 9)	9. AMENDMENT OF CONTRACT/ORDER NO. <u>DACA79-69-C-0073</u> DATE <u>69 May 08</u> (See block 11)	
9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS <input type="checkbox"/> The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods: (a) by signing and returning _____ copies of this amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. ACCOUNTING AND APPROPRIATION DATA (If required) RDWC MEMO ACCOUNT Code 521			
10. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS (a) <input checked="" type="checkbox"/> This Change Order is issued pursuant to <u>Clause 5, "TERMINATION FOR DEFAULT-DAMAGES FOR DELAY-TIME EXTENSIONS"</u> of the General Provisions. The Changes set forth in block 12 are made to the above numbered contract/order. (b) <input type="checkbox"/> The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12. (c) <input type="checkbox"/> This Supplemental Agreement is entered into pursuant to authority of _____ It modifies the above numbered contract as set forth in block 12. DESCRIPTION OF SUBJECT MATTER MODIFICATION: Provide time extension due to delays which were beyond the control and without the fault or negligence of the Contractor, namely, the delays caused by the occurrence of Typhoon "Ra" from 18 through 20 August 1969; BCD-4. The contract price is not changed as a result of this modification. The time for completion of the work as provided by SPECIAL PROVISION SP-1(a), SP-1(b), SP-1(c) and SP-1(d) is extended by 3 calendar days as a result of this modification. This modification includes the entire adjustment of contract price and performance time attributable to the delays described herein.			
This modification is satisfactory and is hereby accepted. As provided herein, all terms and conditions of the document referenced in block 5, as hereinafter changed, remain unchanged and in full force and effect. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT <input checked="" type="checkbox"/> CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>3</u> COPIES TO ISSUING OFFICE 13. NAME AND TITLE OF SIGNER (Type or print) ANER W. ERICKSON President 14. DATE SIGNED 1969 SEP 30 15. NAME OF CONTRACTING OFFICER (Type or print) VERNON T. LOESING, Colonel CE Contracting Officer 16. DATE SIGNED 69 SEP 26			

GENERAL SERVICES ADMINISTRATION REG. PROC. AIG. 141, C741, 12-14, 101		AMENDMENT TO SOLICITATION/MODIFICATION OF CONTRACT	
1. AMENDMENT/MODIFICATION NO. P-004	2. EFFECTIVE DATE 69 OCT 27	3. REQUIREMENT/PURCHASE REQUEST NO. ORIGINAL	4. PROJECT NO. (If applicable)
5. ISSUED BY Ryukyu Domestic Water Corporation c/o U.S. Army Engineer District, Okinawa Corps of Engineers APO San Francisco 96331	6. ADMINISTERED BY (If other than block 5)	7. FACILITY CODE	
7. CONTRACTOR NAME AND ADDRESS Asian American Constructors, Inc., and D. R. Kincaid, Inc. (Joint Venture) P. O. Box 396 Kozu, Okinawa	8. AMENDMENT OF SOLICITATION NO. [] DATE [] (See block 9)	9. AMENDMENT OF CONTRACT/ORDER NO. <u>DACA79-69-C-0073</u> DATE <u>69 May 08</u> (See block 11)	
9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS <input type="checkbox"/> The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods: (a) by signing and returning _____ copies of this amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. ACCOUNTING AND APPROPRIATION DATA (If required) RDWC MEMO ACCOUNT Code 521			
10. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS (a) <input type="checkbox"/> This Change Order is issued pursuant to _____ The Changes set forth in block 12 are made to the above numbered contract/order. (b) <input checked="" type="checkbox"/> The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12. (c) <input type="checkbox"/> This Supplemental Agreement is entered into pursuant to authority of _____ It modifies the above numbered contract as set forth in block 12. DESCRIPTION OF SUBJECT MATTER MODIFICATION: In order to reflect the correct dollar amount available for payments to the Contractor for work performed under the contract; BCD-6. Revise the fourth line of SPECIAL PROVISION SP-22(a) by changing the dollar amount as follows: DID READ: "\$810,000" SHOULD READ: "\$1,085,021" The above change is for administrative purposes only and is not intended to affect the substantive rights of either party.			
This modification is satisfactory and is hereby accepted. As provided herein, all terms and conditions of the document referenced in block 5, as hereinafter changed, remain unchanged and in full force and effect. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT <input type="checkbox"/> CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN _____ COPIES TO ISSUING OFFICE 13. NAME AND TITLE OF SIGNER (Type or print) ANER W. ERICKSON President 14. DATE SIGNED 28 Oct 1969 15. NAME OF CONTRACTING OFFICER (Type or print) VERNON T. LOESING, Colonel CE Contracting Officer 16. DATE SIGNED 69 OCT 27			

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE
(Modification of \$10,000 or less)

1. ISSUING OFFICE
Construction Division
U.S. Army Engineer District, Okinawa

2. CONTRACT NO.
DACA79-69-C-0073

3. MODIFICATION NO.
P-005

4. TO (Contractor)
Asian American Constructors, Inc., and
D. R. Kincaid, Inc. (Joint Venture)
P. O. Box 396
Kosha, Okinawa

5. PROJECT LOCATION AND DESCRIPTION
Construction of Diversion Tunnel and Shaft
(Phase I) and Work Associated Thereto for RDWG
Fukuji Dam and Reservoir near Kawata Village on
Okinawa, Ryukyu Islands.

6. A proposal is requested for making the hereinafter described change in accordance with specification and drawing revisions cited herein or listed in attachment hereto. Submit your proposal in space indicated on page 2, attach detailed breakdown of prime and subcontract costs. (See Special Provisions, Modification Proposals—Price Breakdown) DO NOT start work under this proposed change until you receive a copy signed by the Contracting Officer or a directive to proceed.

1969 July 15
date

F. B. McNEELY
Authorized Representative
of the Contracting Officer
typed name and title

[Signature]
signature

7. DESCRIPTION OF CHANGE. Pursuant to the clause of this contract entitled "changes", the contractor shall furnish all plant labor and material, and perform work necessary to accomplish the following described work:

Trash racks at 48-inch service pipes: Increase number of 2-inch grating pipes to reduce clear openings from 5 5/8 to 1 3/4 inches; BCD-2.

The work shall be accomplished in accordance with the contract specifications and requirements of the contract drawings revised as follows:

Drawing No. 71-05-213, Sheet 25.2 revised 10 July 1969.

The amount of the following item of the Contract BIDDING SCHEDULE is increased as follows:

Item No.	Amount of Increase
39.	\$352.00

The contract price is increased by \$352.00 as a result of this modification.

No additional time is required or allowed for completion of the work as a result of the changes effected herein.

This modification includes the entire equitable adjustment of contract price and performance time directly or indirectly attributable to the changes ordered herein, for all delays related thereto, and for performance of the changes within the time frame stated.

BY *[Signature]*

Except as hereby Modified, all terms and conditions of said contract as heretofore Modified remain unchanged and in full force and effect.

The foregoing modification is hereby accepted:

CONTRACTOR ASIAN AMERICAN CONSTRUCTORS, INC.,
AND D. R. KINCAID, INC. (JOINT VENTURE)

BY *[Signature]*
signature

10 Nov 69
date

ANER W. ERICKSON
President
typed name and title

RYUKYU DOMESTIC WATER CORPORATION

BY *[Signature]*
signature

69 OCT 31
date

VERNON T. LOESING, Colonel CE
Contracting Officer
typed name of contracting officer

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE
(Modification of \$10,000 or less)

1. ISSUING OFFICE
Construction Division
USARDO, APO 96331

2. CONTRACT NO.
DACA79-69-C-0073

3. MODIFICATION NO.
P-006

4. TO (Contractor)
Asian American Constructors, Inc., and
D. R. Kincaid, Inc. (Joint Venture)
P. O. Box 396
Kosha, Okinawa

5. PROJECT LOCATION AND DESCRIPTION
Construction of Diversion Tunnel and Shaft
(Phase I) and Work Associated Thereto for RDWG
Fukuji Dam and Reservoir near Kawata Village
on Okinawa, Ryukyu Islands.

6. A proposal is requested for making the hereinafter described change in accordance with specification and drawing revisions cited herein or listed in attachment hereto. Submit your proposal in space indicated on page 2, attach detailed breakdown of prime and subcontract costs. (See Special Provisions, Modification Proposals—Price Breakdown) DO NOT start work under this proposed change until you receive a copy signed by the Contracting Officer or a directive to proceed.

30 Sep 69
date

F. B. McNEELY
Authorized Representative
of the Contracting Officer
typed name and title

[Signature]
signature

DESCRIPTION OF CHANGE. Pursuant to the clause of this contract entitled "changes", the contractor shall furnish all plant labor and material, and perform work necessary to accomplish the following described work:

Add block-out areas at the top of shaft wall for future floor beams of control house; add embedded platform supports at E1.268.92' and 10" diameter opening in shaft wall at E1.297.23'. BCD-5.

The work shall be accomplished in accordance with the contract specifications and requirements of the contract drawings revised as follows:

Drawing No. 71-05-213, Sheet 22.2 revised 13 September 1969.

The estimated amount of the following item of the Contract BIDDING SCHEDULE is increased as follows:

Item No.	Amount of Increase
12	\$160.00

The contract price is increased by \$160.00 as a result of this modification.

No additional time is required or allowed for completion of the work as a result of the changes effected herein.

This modification includes the entire equitable adjustment of contract price and performance time directly or indirectly attributable to the changes ordered herein, for all delays related thereto, and for performance of the changes within the time frame stated.

BY *[Signature]*

Except as hereby Modified, all terms and conditions of said contract as heretofore Modified remain unchanged and in full force and effect.

The foregoing modification is hereby accepted:

CONTRACTOR ASIAN AMERICAN CONSTRUCTORS, INC.,
AND D. R. KINCAID, INC. (JOINT VENTURE)

BY *[Signature]*
signature

11/20/70
date

ANER W. ERICKSON
President
typed name and title

RYUKYU DOMESTIC WATER CORPORATION

BY *[Signature]*
signature

70 JAN 14
date

VERNON T. LOESING, Colonel CE
Contracting Officer
typed name of contracting officer

STANDARD FORM 30, JULY 1966
GENERAL SERVICES ADMINISTRATION
REG. PROC. REG. (41 CFR) 1-16.101

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

PAGE 1 OF 1

1. SOLICITATION/MODIFICATION NO. P-007
2. EFFECTIVE DATE 70 JAN 1 5
3. REQUISITION/PURCHASE REQUEST NO. ORIGINAL
4. PROJECT NO. (If applicable)

5. ISSUED BY RYUKYU DOMESTIC WATER CORPORATION
c/o U.S. Army Engineer District, Okinawa
Corps of Engineers
APO San Francisco 96331

6. ADMINISTERED BY (If other than block 5)

7. CONTRACTOR NAME AND ADDRESS
CODE FACILITY CODE
Asian American Constructors, Inc., and
D. R. Kincaid, Inc. (Joint-Venture)
P. O. Box 396
Kozu, Okinawa

8. AMENDMENT OF SOLICITATION NO.
AMENDMENT OF SOLICITATION NO. _____
DATED _____ (See block 9)
MODIFICATION OF CONTRACT/ORDER NO. DACA79-69-C-0073
DATED 69 May 08 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS
The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers is extended, is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:
(a) By mailing and returning _____ copies of this amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which makes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)
RMC MEMO ACCOUNT Code 521

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS
Clause 3, CHANGES
(a) This Change Order is issued pursuant to Clause 3, CHANGES.
The Changes set forth in block 12 are made to the above numbered contract/order.
(b) The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.
(c) This Supplemental Agreement is entered into pursuant to authority of _____
It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF MODIFICATION
Provide for Government-furnished shipment of equipment in lieu of Contractor; BCD-7.
The amount of the following item of the Contract BIDDING SCHEDULE is decreased as follows:
Item No. Amount of Decrease
53 \$4,636.00
The contract amount is decreased by \$4,636.00 as a result of this modification.
No additional time is required or allowed for completion of the work as a result of the changes effected herein.
This modification includes the entire equitable adjustment of contract price and performance time directly or indirectly attributable to the changes ordered herein, for all delays related thereto and for performance of the changes within the time frame specified.

This modification is satisfactory and is hereby accepted.

EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE DOCUMENT REFERENCED IN BLOCK 8, AS HERETOFORE CHANGED, REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

13. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT. CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE.

14. NAME AND TITLE OF SIGNER (Type or print)
ANER W. ERICKSON, President
16. DATE SIGNED
1/20/70

17. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
VERNON T. LOESING, Colonel, CE
Contracting Officer
19. DATE SIGNED
70 JAN 1 5

STANDARD FORM 30, JULY 1966
GENERAL SERVICES ADMINISTRATION
REG. PROC. REG. (41 CFR) 1-16.101

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

PAGE 1 OF 2

1. SOLICITATION/MODIFICATION NO. P-008
2. EFFECTIVE DATE 70 FEB 1 1
3. REQUISITION/PURCHASE REQUEST NO. ORIGINAL
4. PROJECT NO. (If applicable)

5. ISSUED BY Ryukyu Domestic Water Corporation,
c/o U.S. Army Engineer District, Okinawa
Corps of Engineers
APO San Francisco 96331

6. ADMINISTERED BY (If other than block 5)

7. CONTRACTOR NAME AND ADDRESS
CODE FACILITY CODE
Asian American Constructors, Inc., and
D. R. Kincaid, Inc. (Joint Venture)
P. O. Box 396
Kozu, Okinawa

8. AMENDMENT OF SOLICITATION NO.
AMENDMENT OF SOLICITATION NO. _____
DATED _____ (See block 9)
MODIFICATION OF CONTRACT/ORDER NO. DACA79-69-C-0073
DATED 69 MAY 08 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS
The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers is extended, is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:
(a) By mailing and returning _____ copies of this amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which makes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)
RMC MEMO ACCOUNT Code 521

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS
Clause 3, CHANGES and Clause 5, TERMINATION FOR DEFAULT-DAMAGES FOR DELAY-TIME EXTENSIONS.
(a) This Change Order is issued pursuant to Clause 3, CHANGES and Clause 5, TERMINATION FOR DEFAULT-DAMAGES FOR DELAY-TIME EXTENSIONS.
The Changes set forth in block 12 are made to the above numbered contract/order.
(b) The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.
(c) This Supplemental Agreement is entered into pursuant to authority of _____
It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF MODIFICATION
Provide for consolidation grouting and drilling for Portal Face and provide for 7 calendar days time extension to Special Provisions SP-1(c) and 45 calendar days time extension, including 6 calendar days for consolidation grouting and drilling to Special Provisions SP-1(a); BCD-7.
The work shall be accomplished in accordance with the contract specifications.
The amounts of the following items of the Contract BIDDING SCHEDULE are increased as follows:

Item No.	Estimated Quantity	Unit	Unit Price	Estimated Amount
19b	450	L.F.	\$ 10.00	\$ 4,500.00
21b	10	Ea	5.00	50.00
25b	500	C.F.	1.00	500.00
27b	400	Bag	6.00	2,400.00
28b	400	Bag	2.50	1,000.00
Total Increase				\$ 8,450.00

This modification is satisfactory and is hereby accepted.

EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE DOCUMENT REFERENCED IN BLOCK 8, AS HERETOFORE CHANGED, REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.

13. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT. CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE.

14. NAME AND TITLE OF SIGNER (Type or print)
ANER W. ERICKSON, President
16. DATE SIGNED
Feb 11 1970

17. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
VERNON T. LOESING, Colonel, CE
Contracting Officer
19. DATE SIGNED
70 FEB 1 1

Page 2 of 2 Contract No. DACA79-69-C-0073 Modification No. P-008

The contract amount is increased by \$8,450.00 as a result of this modification.

The time for completion of the work as provided by Special Provisions SP-1(c) and SP-1(d) is extended by 7 calendar days and 45 calendar days respectively as a result of this modification.

This modification includes the entire equitable adjustment of contract price and performance time directly or indirectly attributable to the changes ordered herein, for all delays related thereto or described herein, and for performance of the changes within the time frame stated.

(Change Order Continuation Sheet A)

GENERAL SERVICES ADMINISTRATION REG. PROC. REG. 141 (FORM 11-18-101)		AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT											
1. SOLICITATION/MODIFICATION NO. P-009	2. EFFECTIVE DATE 70 FEB 16	3. ORIGINAL SOLICITATION REQUEST NO.	4. PROJECT NO. (If applicable)										
5. ISSUED BY Ryukyu Domestic Water Corporation c/o U.S. Army Engineer District, Okinawa Corps of Engineers APO San Francisco 96331	6. ADMINISTERED BY (If other than block 5)	7. CODE											
8. CONTRACTOR NAME AND ADDRESS Asian American Constructors, Inc. and D. R. Kincaid, Inc. (Joint Venture) P.O. Box 396 Kozu, Okinawa	9. FACILITY CODE	10. AMENDMENT OF SOLICITATION NO.	11. DATE (See block 9)										
		12. MODIFICATION OF CONTRACT/ORDER NO. DACA79-69-C-0073	13. DATE 69 MAY 08 (See block 11)										
<p>14. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS.</p> <p>The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.</p> <p>Contractors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:</p> <p>(a) By signing and returning _____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>													
<p>15. ACCOUNTING AND APPROPRIATION DATA (If required)</p> <p><input type="checkbox"/> RDWC MEMO ACCOUNT CODE 521</p>													
<p>16. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS</p> <p>(a) <input type="checkbox"/> This Change Order is issued pursuant to _____</p> <p>The Changes set forth in block 12 are made to the above numbered contract/order.</p> <p>(b) <input checked="" type="checkbox"/> The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.</p> <p>(c) <input type="checkbox"/> This Supplemental Agreement is entered into pursuant to authority of _____</p> <p>It modifies the above numbered contract as set forth in block 12.</p>													
<p>17. DESCRIPTION OF MODIFICATION</p> <p>In order to permit easier identification in Payment Estimate Form 93, the increase of \$160.00 BIDDING SCHEDULE Item No. 12 made by Modification No. P-006 is hereby cancelled and in lieu thereof the following item is added; BCD-15.</p> <table border="1"> <thead> <tr> <th>Item No.</th> <th>Description</th> <th>Qty</th> <th>Unit</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>60.</td> <td>Add block-out areas at the top of shaft wall for future floor beams of control house; add embedded platform supports at El 268.92' and 10" diameter opening in shaft wall at El 297.25'.</td> <td>1</td> <td>Job</td> <td>\$160.00</td> </tr> </tbody> </table> <p>The above change is for administrative purposes only and is not intended to affect the substantive rights of either party.</p>				Item No.	Description	Qty	Unit	Amount	60.	Add block-out areas at the top of shaft wall for future floor beams of control house; add embedded platform supports at El 268.92' and 10" diameter opening in shaft wall at El 297.25'.	1	Job	\$160.00
Item No.	Description	Qty	Unit	Amount									
60.	Add block-out areas at the top of shaft wall for future floor beams of control house; add embedded platform supports at El 268.92' and 10" diameter opening in shaft wall at El 297.25'.	1	Job	\$160.00									
<p>This modification is satisfactory and is hereby accepted.</p> <p>except as provided herein, all terms and conditions of the documents referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.</p>													
<p>18. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT <input checked="" type="checkbox"/> CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE</p>													
19. NAME OF CONTRACTOR/OFFEROR Aner W. Erickson (Signature of person authorized to sign)	20. UNITED STATES OF AMERICA RYUKYU DOMESTIC WATER CORP.	21. NAME OF CONTRACTING OFFICER Vernon T. Loesing (Signature of Contracting Officer)	22. DATE SIGNED 70 FEB 16										
23. NAME AND TITLE OF SIGNER (Type or print) ANER W. ERICKSON President	24. DATE SIGNED 17 Feb 1970	25. NAME OF CONTRACTING OFFICER (Type or print) VERNON T. LOESING, Colonel, CE Contracting Officer	26. DATE SIGNED 70 FEB 16										

GENERAL SERVICES ADMINISTRATION
 FED. ACQ. REG. (41 CFR) 1-16.101

1. AMENDMENT/MODIFICATION NO. P-010
 2. EFFECTIVE DATE 1970 MAR 2
 3. REQUISITION/PURCHASE REQUEST NO. ORIGINAL
 4. PROJECT NO. (If applicable)

5. ISSUED BY CODE
 Ryukyu Domestic Water Corporation
 c/o U.S. Army Engineer District, Okinawa
 Corps of Engineers
 APO San Francisco 96331

6. ADMINISTERED BY (If other than block 5) CODE
 7. CONTRACTOR NAME AND ADDRESS CODE FACILITY CODE
 Asian American Constructors, Inc., and
 D. R. Kincaid, Inc. (Joint Venture)
 P. O. Box 396
 Koza, Okinawa

8. AMENDMENT OF SOLICITATION NO.
 DATED (See block 9)
 MODIFICATION OF CONTRACT/SUBCONTRACT NO. DACA79-69-C-0073
 DATED 69 MAY 08 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers is extended, is not extended.
 Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:
 (a) By signing and returning copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)
 RDWC MEMO ACCOUNT Code 521

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS
 This Change Order is issued pursuant to Clause 5, TERMINATION FOR DEFAULT-DAMAGES FOR DELAY-TIME EXTENSIONS
 The Changes set forth in block 12 are made to the above numbered contract/order.
 The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.
 This Supplemental Agreement is entered into pursuant to authority of _____
 It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION
 Provide time extension for delays due to causes beyond the control and without the fault or negligence of the Contractor, namely: quarry relocation, difficulties encountered at Bench 2, overproduction of rock, excessive clean-up before Bench 3; rebuilding of damaged screen; general shoveling and screening delays; and Obon holiday; BCD-14.
 The contract price is not changed as a result of this modification.
 The time for completion of the work as provided by SPECIAL PROVISION SP-1(a) is extended by 27 calendar days as a result of this modification.
 This modification includes the entire adjustment of contract price and performance time attributable to the delays described herein.

MAR 1970 BY [Signature]

This modification is satisfactory and is hereby accepted.
 Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT. CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE.

14. NAME OF CONTRACTOR/OFFEROR BY [Signature] ANER W. ERICKSON, President
 17. NAME OF CONTRACTING OFFICER BY [Signature] VERNON T. LOESING, Colonel CE
 15. NAME AND TITLE OF SIGNER (Type or print) ANER W. ERICKSON, President
 16. DATE SIGNED 10 Mar 1970
 18. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) VERNON T. LOESING, Colonel CE
 19. DATE SIGNED 1970 MAR 2

30-101-01 U.S. GOVERNMENT PRINTING OFFICE: 1958 O-233-817

1. AMENDMENT/MODIFICATION NO. P-011
 2. EFFECTIVE DATE 1970 MAR 2
 3. REQUISITION/PURCHASE REQUEST NO. ORIGINAL
 4. PROJECT NO. (If applicable)

5. ISSUED BY CODE
 Ryukyu Domestic Water Corporation
 c/o U.S. Army Engineer District, Okinawa
 Corps of Engineers
 APO San Francisco 96331

6. ADMINISTERED BY (If other than block 5) CODE
 7. CONTRACTOR NAME AND ADDRESS CODE FACILITY CODE
 Asian American Constructors, Inc., and
 D. R. Kincaid, Inc. (Joint Venture)
 P. O. Box 396
 Koza, Okinawa

8. AMENDMENT OF SOLICITATION NO.
 DATED (See block 9)
 MODIFICATION OF CONTRACT/SUBCONTRACT NO. DACA79-69-C-0073
 DATED 69 May 08 (See block 11)

9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers is extended, is not extended.
 Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:
 (a) By signing and returning copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)
 RDWC MEMO ACCOUNT Code 521
 MAR 2 1970 BY [Signature]

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS
 This Change Order is issued pursuant to Clause 57, VARIATIONS IN ESTIMATED QUANTITIES.
 The Changes set forth in block 12 are made to the above numbered contract/order.
 The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.
 This Supplemental Agreement is entered into pursuant to authority of _____
 It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF AMENDMENT/MODIFICATION
 Provide for adjustment of direct and indirect costs owing to underruns under Item Nos. 46a, 48a, 49a, 50a, 51a, and 55a and deletion in their entireties of Items 46b, 48b, 49b, 50b, 52a, 52b, 55b, 58 and 59; BCD-11.
 The quantities and amounts of the following items of the Contract BIDDING SCHEDULE are decreased as follows:

Item No.	Description	Quantity Decreased	Unit	Unit Price	Total Amount
46	Drilling test grout holes in overburden:				
	a. First 3000 feet	2,080	LF	\$ 4.10	\$ 8,528.00
48	Test grout pump connections:				
	a. First 400	241	EA	3.00	723.00

This modification is satisfactory and is hereby accepted.
 Except as provided herein, all terms and conditions of the document referenced in block 8, as heretofore changed, remain unchanged and in full force and effect.

13. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT. CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE.

14. NAME OF CONTRACTOR/OFFEROR BY [Signature] ANER W. ERICKSON
 17. NAME OF CONTRACTING OFFICER BY [Signature] VERNON T. LOESING
 15. NAME AND TITLE OF SIGNER (Type or print) ANER W. ERICKSON, President
 16. DATE SIGNED 10 Mar 1970
 18. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) VERNON T. LOESING, Colonel CE
 19. DATE SIGNED 1970 MAR 2

30-101-01 U.S. GOVERNMENT PRINTING OFFICE: 1958 O-233-817

Item No.	Description	Quantity Decreased	Unit	Unit Price	Total Amount
49	Placing test grout:				
	a. First 7000 bags	4,335	Bag	\$ 4.10	\$17,773.50
50	Portland cement in test grout:				
	a. First 7000 bags	4,335	Bag	2.25	9,753.75
51	Pozzolan in test grouting:				
	a. First 450 bags	440	Bag	7.00	3,080.00
55	Blast hole drilling:				
	a. First 10,000 feet	2,166	LF		1,516.20
Total Decrease, Existing Items					\$41,374.45

The following items of the Contract BIDDING SCHEDULE are deleted in their entireties:

Item No.	Description	Quantity Decreased	Unit	Unit Price	Total Amount
46	Drilling test grout holes in overburden:				
	b. Over 400	1,000	LF	\$ 3.50	\$ 3,500.00
48	Test grout pump connections:				
	b. Over 400	100	EA	3.00	300.00
49	Placing test grout:				
	b. Over 7,000 bags	4,000	Bag	3.00	12,000.00
50	Portland cement in test grout:				
	b. Over 7,000 bags	4,000	Bag	2.25	9,000.00
51	Pozzolan in test grouting:				
	b. Over 450 bags	150	Bag	7.00	1,050.00

(Change Order Continuation Sheet A)

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Item No.	Description	Quantity Decreased	Unit	Unit Price	Total Amount
52	Fluidifier in test grouting:				
	a. First 100 pounds	100	lb	\$ 2.00	\$ 200.00
	b. Over 100 pounds	50	lb	2.00	100.00
55	Blast hole drilling:				
	b. Over 10,000 feet	2,000	LF	0.60	1,200.00
58	Additional rolling for compaction (vibratory roller)	8	Roller hour	100.00	800.00
59	Additional rolling for compaction (50-Ton rubber-tired roller)	8	Roller hour	100.00	800.00
Total Decrease, Deleted Items					\$28,950.00

The following new items are hereby added to the Contract BIDDING SCHEDULE:

Item No.	Description	Unit	Unit Price	Total Amount
61	Adjustment of direct and indirect costs due to underruns on Items 46a, 48a, 49a, 50a, and 51a	LS		\$ 9,703.00
62	Adjustment of indirect costs due to underrun on Item 55a	LS		379.00
Total Increase, New Items				\$10,082.00
Net Decrease				\$60,242.45

The contract price is decreased by \$60,242.45 as a result of this modification.

No additional time is required or allowed as a result of this modification.

This modification includes the entire equitable adjustment of contract price and performance time directly or indirectly attributable to the changes ordered herein, for all delays related thereto, and for performance of the changes within the time frame stated.

(Change Order Continuation Sheet A)

17

GENERAL SERVICES ADMINISTRATION REG. PROC. REG. (41 CFR) 1-16.101		AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	
1. SOLICITATION/MODIFICATION NO. P-012	2. EFFECTIVE DATE 70 APR 03	3. REQUISITION/PURCHASE REQUEST NO. ORIGINAL	4. PROJECT NO. (If applicable)
5. ISSUED BY RYUKYU DOMESTIC WATER CORPORATION U.S. Army Engineer District, Okinawa Corps of Engineers APO San Francisco 96331	6. ADMINISTERED BY (If other than block 5)	7. CONTRACTOR NAME AND ADDRESS Asien American Constructors, Inc., and D. R. Kincaid, Inc. (Joint Venture) P. O. Box 396 Koza, Okinawa	
8. AMENDMENT OF SOLICITATION NO.	9. DATED (See block 9)	10. MODIFICATION OF CONTRACT ORDER NO. DA79-69-C-0073 DATED 69 MAY 08 (See block 11)	
9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods: (a) Opening and returning _____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
10. ACCOUNTING AND APPROPRIATION DATA (If required) MEMO ACCOUNT CODE 521			
11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS (a) <input type="checkbox"/> This Change Order is issued pursuant to _____ The Changes set forth in block 12 are made to the above numbered contract/order. (b) <input checked="" type="checkbox"/> The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12. (c) <input type="checkbox"/> This Supplemental Agreement is entered into pursuant to authority of _____ It modifies the above numbered contract as set forth in block 12.			
12. DESCRIPTION OF SOLICITATION/MODIFICATION Correct a typographical error under Modification No. P-008; BCD-16. The following item of the Contract BIDDING SCHEDULE is revised as follows: DID READ: Item No. 27b SHOULD READ: Item No. 27a The above change is for administrative purposes only and is not intended to affect the substantive rights of either party.			
This modification is satisfactory and is hereby accepted.			
Except as provided herein, all terms and conditions of the document referenced in block 6, as heretofore changed, remain unchanged and in full force and effect.			
13. <input type="checkbox"/> CONTRACTOR/OFFERER IS NOT REQUIRED TO SIGN THIS DOCUMENT <input checked="" type="checkbox"/> CONTRACTOR/OFFERER IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE		14. NAME OF CONTRACTOR/OFFERER BY: <i>Aner W. Erickson</i> (Signature of person authorized to sign)	
15. NAME AND TITLE OF SIGNER (Type or print) ANER W. ERICKSON President		17. NAME AND ADDRESS OF CONTRACTING OFFICER RYUKYU DOMESTIC WATER CORP. BY: <i>Vernon T. Loesing</i> (Signature of Contracting Officer)	
16. DATE SIGNED 1970 APR 23		18. NAME OF CONTRACTING OFFICER (Type or print) VERNON T. LOESING, Colonel CF Contracting Officer	
19. DATE SIGNED 70 APR 03			

GENERAL SERVICES ADMINISTRATION REG. PROC. REG. (41 CFR) 1-16.101		AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	
1. SOLICITATION/MODIFICATION NO. P-013	2. EFFECTIVE DATE 70 APR 03	3. REQUISITION/PURCHASE REQUEST NO. ORIGINAL	4. PROJECT NO. (If applicable)
5. ISSUED BY RYUKYU DOMESTIC WATER CORPORATION U.S. Army Engineer District, Okinawa Corps of Engineers APO San Francisco 96331	6. ADMINISTERED BY (If other than block 5)	7. CONTRACTOR NAME AND ADDRESS Asien American Constructors, Inc., and D. R. Kincaid, Inc. (Joint Venture) P. O. Box 396 Koza, Okinawa	
8. AMENDMENT OF SOLICITATION NO.	9. DATED (See block 9)	10. MODIFICATION OF CONTRACT ORDER NO. DA79-69-C-0073 DATED 69 MAY 08 (See block 11)	
9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods: (a) Opening and returning _____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
10. ACCOUNTING AND APPROPRIATION DATA (If required) MEMO ACCOUNT CODE 521			
11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS (a) <input type="checkbox"/> This Change Order is issued pursuant to _____ The Changes set forth in block 12 are made to the above numbered contract/order. (b) <input checked="" type="checkbox"/> The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12. (c) <input type="checkbox"/> This Supplemental Agreement is entered into pursuant to authority of _____ It modifies the above numbered contract as set forth in block 12.			
12. DESCRIPTION OF SOLICITATION/MODIFICATION In order to correct administrative errors under Modification P-011; BCD-17. Modification P-011 is revised as follows: 1. Block 11 (a) of Standard Form 30 - Add "SP-24 VARIATIONS IN ESTIMATED QUANTITIES - PROVIDED ITEMS." 2. The Contract BIDDING SCHEDULE is revised as shown below. a. Item No. 61: Add "52a" b. Item No. 62: Place a comma after "55a" and add "58 and 59" The above changes are for administrative purposes only and are not intended to affect the substantive rights of either party.			
This modification is satisfactory and is hereby accepted.			
Except as provided herein, all terms and conditions of the document referenced in block 6, as heretofore changed, remain unchanged and in full force and effect.			
13. <input type="checkbox"/> CONTRACTOR/OFFERER IS NOT REQUIRED TO SIGN THIS DOCUMENT <input checked="" type="checkbox"/> CONTRACTOR/OFFERER IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 3 COPIES TO ISSUING OFFICE		14. NAME OF CONTRACTOR/OFFERER BY: <i>Aner W. Erickson</i> (Signature of person authorized to sign)	
15. NAME AND TITLE OF SIGNER (Type or print) ANER W. ERICKSON President		17. NAME AND ADDRESS OF CONTRACTING OFFICER RYUKYU DOMESTIC WATER CORP. BY: <i>Vernon T. Loesing</i> (Signature of Contracting Officer)	
16. DATE SIGNED 1970 APR 23		18. NAME OF CONTRACTING OFFICER (Type or print) VERNON T. LOESING, Colonel CF Contracting Officer	
19. DATE SIGNED 70 APR 03			

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. MODIFICATION NO. P-014	2. EFFECTIVE DATE 70 APR 03	3. REQUISITION/PURCHASE REQUEST NO. ORIGINAL	4. PROJECT NO. (If applicable)
5. ISSUED BY Ryukyu Domestic Water Corporation U.S. Army Engineer District, Okinawa Corps of Engineers APO San Francisco 96331	6. ADMINISTERED BY (If other than block 5)		

7. CONTRACTOR NAME AND ADDRESS Asian American Constructors, Inc., and D. R. Kincaid, Inc. (Joint Venture) P. O. Box 396 Kozu, Okinawa	8. AMENDMENT OF SOLICITATION NO. DATED _____ (See block 9)	9. MODIFICATION OF CONTRACT/SUBCONTRACT NO. DACA79-69-C-0073 DATED 69 MAY 08 (See block 11)
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9. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in block 12. The hour and date specified for receipt of Offers is extended, is not extended.
 Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods:
 By signing and returning _____ copies of this amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

10. ACCOUNTING AND APPROPRIATION DATA (If required)
 RDWC MEMO ACCOUNT CODE 521

11. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/SUBCONTRACTS
 This Change Order is issued pursuant to _____
 The changes set forth in block 12 are made to the above numbered contract/order.
 The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 12.
 This Supplemental Agreement is entered into pursuant to authority of _____
 It modifies the above numbered contract as set forth in block 12.

12. DESCRIPTION OF SOLICITATION/MODIFICATION
 In order to reflect the funds available for payment for work performed under the contract, CD-18.
 Revise SPECIAL PROVISION SP-22(a) by deleting the second sentence in its entirety and substituting therefor the following:
 "The entire contract amount is available for such payments."
 The above change is for administrative purposes only and is not intended to affect the substantive rights of either party.

This modification is satisfactory and is hereby accepted.

13. CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN TO ISSUING OFFICE

14. NAME OF CONTRACTOR/OFFEROR ANER W. ERICKSON President	15. DATE SIGNED 70 APR 23	17. NAME OF CONTRACTING OFFICER (Type or print) VERNON T. LOESING, Colonel Contracting Officer	18. DATE SIGNED 70 APR 0
-----------------------------------------------------------------	------------------------------	------------------------------------------------------------------------------------------------------	-----------------------------

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE
 (Modification of \$10,000 or less)

1. ISSUING OFFICE Construction Division U.S. Army Engineer District, Okinawa	2. CONTRACT NO. DACA79-69-C-0073	3. MODIFICATION NO. P00016
4. TO (Contractor) Asian American Constructors, Inc., and D. R. Kincaid, Inc. (Joint Venture) P.O. Box 396 Kozu, Okinawa	5. PROJECT LOCATION AND DESCRIPTION Construction of Diversion Tunnel and Shaft (Phase I) and Work Associated Thereto for RDWC Fukuji Dam and Reservoir near Kawata Village on Okinawa, Ryukyu Islands.	
6. A proposal is requested for making the hereinafter described change in accordance with specification and drawing revisions cited herein or listed in attachment hereto. Submit your proposal in space indicated on page 2, attach detailed breakdown of prime and subcontract costs. (See Special Provisions, Modification Proposal--Price Breakdown) DO NOT start work under this proposed change until you receive a copy signed by the Contracting Officer or a directive to proceed.		
1970 Jan 13 date	F. B. McNEELY Authorized Representative of the Contracting Officer typed name and title	<i>[Signature]</i> signature

DESCRIPTION OF CHANGE: Pursuant to the clause of this contract entitled "changes", the contractor shall furnish all plans labor and material, and perform work necessary to accomplish the following described work:

Provide for relocation of concrete beam blockouts for future control house at top of shaft and relief pipe opening near top of shaft; BCD-10.

The work shall be accomplished in accordance with the contract specifications and requirements of the contract drawings revised as follows:

Drawing No. 71-05-213, Sheet 22.3 revised 23 December 1969.

The contract price is not changed as a result of this modification.

No additional time is required or allowed for completion of the work as a result of the changes effected herein.

This modification includes the entire equitable adjustment of contract price and performance time directly or indirectly attributable to the changes ordered herein, for all delays related thereto, and for performance of the changes within the time frame stated.

[Handwritten initials]

Except as hereby Modified, all terms and conditions of said contract as herebefore Modified remain unchanged and in full force and effect.

The foregoing modification is hereby accepted: CONTRACTOR ASIAN AMERICAN CONSTRUCTORS, INC., AND D. R. KINCAID, INC. (JOINT VENTURE)	UNITED STATES OF AMERICA RYUKYU DOMESTIC WATER CORPORATION
BY <i>[Signature]</i> ANER W. ERICKSON President	BY <i>[Signature]</i> FRANKLIN R. DAY, Colonel, CE Contracting Officer
17 Aug 70 date	70 JUL 31 3 July 70 date

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE
(Modification of \$10,000 or less)

1. ISSUING OFFICE
Construction Division
U.S. Army Engineer District, Okinawa

2. CONTRACT NO.
DACA79-69-C-0073

3. MODIFICATION NO.
P00017

4. TO (Contractor)
Asian American Constructors, Inc. and
D. R. Kincaid, Inc. (Joint Venture),
P. O. Box 395
Koza, Okinawa

5. PROJECT LOCATION AND DESCRIPTION
Construction of Diversion Tunnel and Shaft
(Phase I) and Work Associated Thereto for
RDWC Fukuji Dam and Reservoir near Kawabe
Village on Okinawa, Ryukyu Islands.

6. A proposal is requested for making the hereinafter described change in accordance with specification and drawing revisions cited herein or listed in attachment herein. Submit your proposal in space indicated on page 2, attach detailed breakdown of prime and subcontract costs. (See Special Provisions, Modification Proposals-Price Breakdown) DO NOT start work under this proposed change until you receive a copy signed by the Contracting Officer or a directive to proceed.

Proposal on Hand

Date	typed name and title	signature

7. DESCRIPTION OF CHANGE: Pursuant to the clause of this contract entitled "changes", the contractor shall furnish all plant labor and material, and perform all work necessary to accomplish the following described work:

revise inlet portal of tunnel; BCD-20.

The work shall be accomplished in accordance with the contract specifications and requirements of the contract drawings revised as follows:

Drawing No. 71-05-213, Sheet 18.A (supersedes Sheet 18.2) revised 26 January 1970, and amended by Sketch titled "Revised Inlet Portal Partial Plan" dated 10 March 1970.

The amount and quantity of the following item of the CONTRACT BIDDING SCHEDULE are increased as follows:

Item No.	Description	Additional Quantity	Unit	Unit Price	Amount of Increase
9	Concrete, inlet channel and portal	230	CY	\$22.00	\$5,060.00

The following new items are hereby added to the CONTRACT BIDDING SCHEDULE:

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
56	Additional cost of forming and placing 315CY of concrete at Inlet Portal due to redesign and rock slide.	1	JOB		\$2,236.60

(Cont'd)

Except as hereby Modified, all terms and conditions of said contract as heretofore Modified remain unchanged and in full force and effect.

The foregoing modification is hereby accepted:

CONTRACTOR ASIAN AMERICAN CONSTRUCTORS, INC., AND D. R. KINCAID, INC. (JOINT VENTURE)	UNITED STATES OF AMERICA RYUKYU DOMESTIC WATER CORPORATION
BY <i>Leslie F. Callan</i> signature LESLIE F. CALLAN Project Manager	<i>Howard D. Gillit</i> signature HOWARD D. GILLIT Resident Contracting Officer
1970 SEPT 29 date typed name and title	1970 SEP 29 date typed name of contracting officer

ENG FORM 3938 (Cont'd)
Page 1a of 2
Contract No. DACA79-69-C-0073 Modification No. P00017

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
67	Structural steel involved in the upper and lower blackouts, including stop log guides at inlet Portal.	1	JOB		\$2,150.40
Total Increase					\$9,447.20

The contract price is increased by \$9,447.20 as a result of this modification.

The time for completion of the work, as provided by SPECIAL PROVISION SP-1(d)(1) is extended by nine calendar days as a result of this modification.

This modification includes the entire equitable adjustment of contract price and performance time directly or indirectly attributable to the changes ordered herein, for all delays related thereto or described herein, and for performance of the changes within the time frame stated.

NOTE: Contractor, if a corporation, should cause the following certificate to be executed under its corporate seal, provided that the same officer shall not execute both the contract and the certificate.

CERTIFICATE

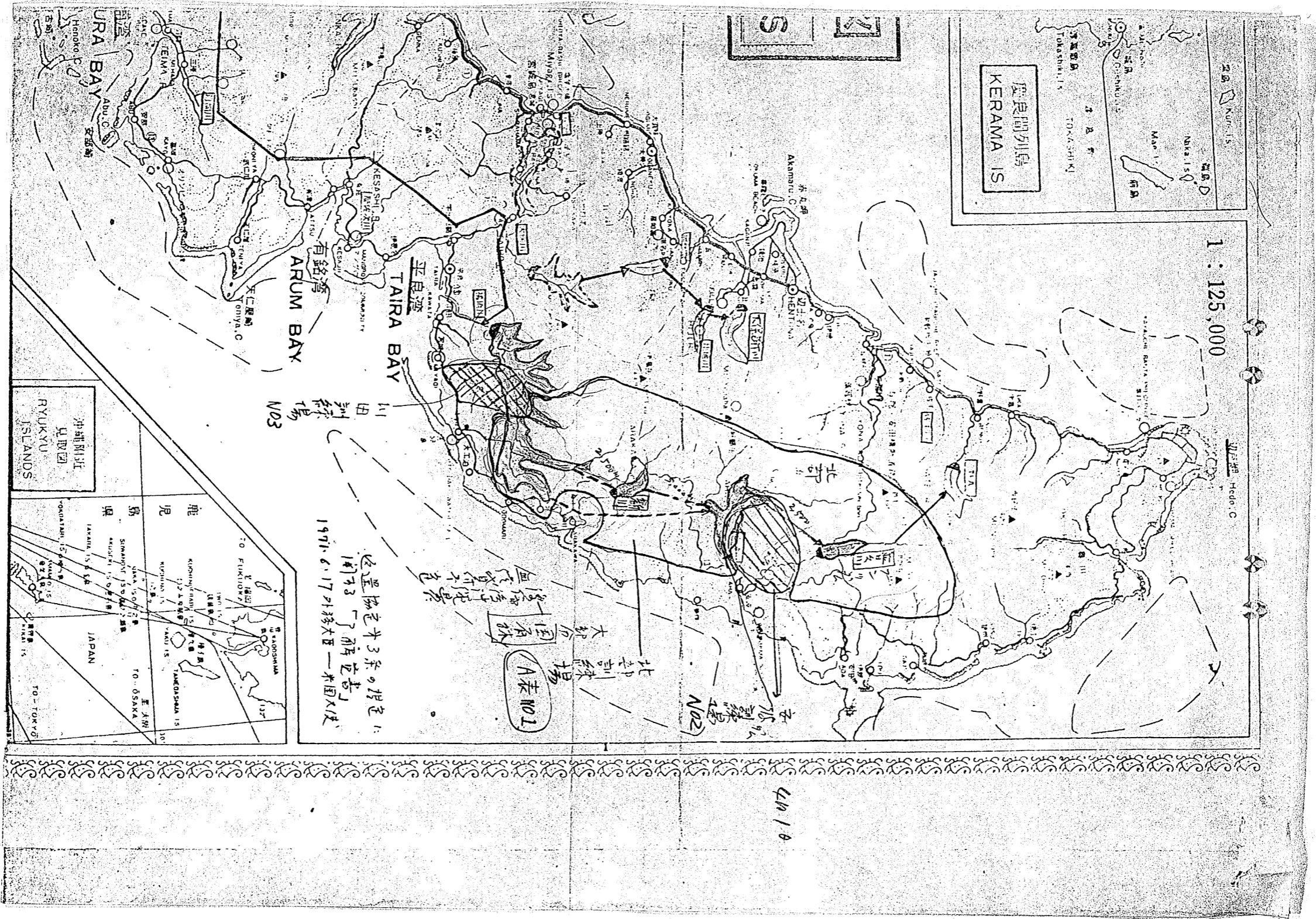
I, _____, certify that I am the
_____ of the corporation named as Contractor
herein; that _____, who signed this contract on
behalf of the Contractor, was then _____ of said
corporation; that said contract was duly signed for and in behalf of
said corporation by authority of its governing body, and is within
the scope of its corporate powers.

(Signature) (CORPORATE SEAL)

I, G. S. Phillips, certify that I am the
Secretary of the corporation named as Contractor
herein; that E. M. Sell, who signed this contract on
behalf of the Contractor, was then Vice-President of said
corporation; that said contract was duly signed for and in behalf of
said corporation by authority of its governing body, and is within
the scope of its corporate powers.

E. M. Sell
(Signature) (CORPORATE SEAL)

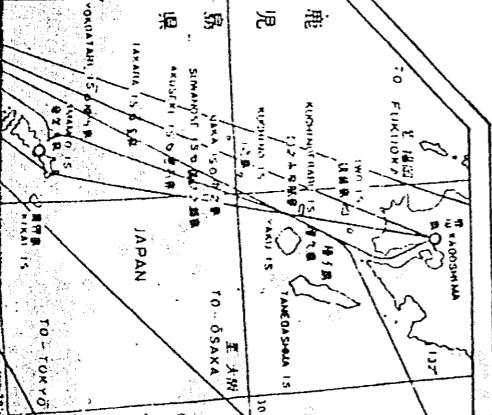
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慶良間列島
KERAMA IS

沖繩列島
見取図
RYUKYU ISLANDS



此是協定井了条の指定:
閣下了「了解」
1971.6.17外務大臣—米國大使

北訓訓練場
A表NO1

安波訓練場
No2

41010

沖縄振興開発特別措置法案

福地との関係

(改訂第一版)

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附則

- 4 この法律の施行の際琉球水道公社が沖縄の河川法(明治二十九年法律第七十一号)第五条の規定により同法が準用される河川において建設している政令で定めるダム(余水路 副ダムその他ダムと一体となつてその効用を全うする施設又は工作物をもつばら特定多目的ダム法第三條第一項に規定する特定用途に使されるもの以外のものを含む)を建設するため必要な区間として建設大臣が指定する区間は、第七條第一項及び第二項の規定にかかわらず、同條第一項の規定により指定された区間とする。
- 5 前項のダムは、同項の指定があつた時に第七條第五項の規定により特定多目的ダム法の適用される多目的ダムとなるものとする。この場合において必要な事項は、政令で定める。
- 6 附則第四項のダムの建設に要する費用は、特定多目的ダム法第七條第一項の規定にかかわらず、国が支弁するものとする。
- 7 治山治水緊急措置法(昭和三十三年法律第二十一号)の二節を次のように改正する。

第二條第二項第四号中「特定多目的ダム法」の昭和三十三年法律

第三十五号(第二条第一項)の下に「沖縄振興開発特別措置法
(昭和四十六年法律第 五号)第七條第五項の規定により適用
する場合を含む。」を加える。

福地夕公用地の概要

1971年9月現在

I. 夕公用地の概要

OCT. 7 1971

所在地	総面積		筆数	地主数	貸借契約年月日	貸借料(円額)	契約期間 (満期)
	坪(歩)	平方米(m ²)					
東村	9,615,407	31,786,516	128	62	1967年5月1日	# 60,068.72	10年 (1977年5月1日)

用地区分及び内訳

用地区分	坪数(平方米)	構成比(%)	年間貸借料	構成比(%)
国有地	8,360,022 (27,636,477)	87.0	# 0	0
公有地	1,013,941 (3,351,876)	10.5	32,001.86	53.3
私有地	83,146 (274,864)	0.9	3,325.84	5.5
私有地	158,298 (523,299)	1.6	24,741.02	41.2
計	9,615,407 (31,786,516)	100	60,068.72	100

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桑名柳町5番地へ2022

地目及び面積(貸借地)

地目	山林	原野	畑	田	宅地	計
坪数	875,517	247,212	115,643	16,982	31	1,255,385
構成比(%)	69.7	19.7	9.2	1.4	0	100

II 池の概要

名称	貯水面積	集水面積	工事期間		施工者
			1期工事	2期工事	
福地池	2 km ²	32 km ²	自 1969年7月 至 1970年10月	自 1970年5月 至 1972年7月(予定)	1期, 下河川建設公社 2期, 大城組