

PRIORITY # 15

FY: 77

TOTAL COST \$ 561,000

MARIANAS DISTRICT  
CIP PLANNING ESTIMATE

A. PROJECT TITLE ROTA HARBOR  
LOCATION Rota West Harbor

B. 1.	Estimated date of land certification	_____	
	a. Land acquisition costs if any	-----	\$ _____
2.	Arch. & Eng. Contract for Design	-----	\$ _____
3.	Construction Estimate	-----	\$ _____
	Outside Contract _____	Local Contract _____	Force Account _____
	a. Labor \$ _____	d. Materials \$ _____	
	b. Transportation \$ _____	e. Equipment \$ _____	
	c. On-site Utilities \$ _____	f. Site Work \$ _____	
4.	Subtotal	-----	\$ <u>500,000</u>
5.	Contingency funds for Construction - (10% of line 4)	-----	\$ <u>61,000</u>
6.	Subtotal	-----	\$ _____
7.	Collateral Equipment	-----	\$ _____
8.	Total Project Cost	-----	\$ <u>561,000</u>

C. COMMENTS:

Based on HA&E estimate, but dredge to a depth of-16'

D. COMPREHENSIVE DESCRIPTION OF WORK TO BE PERFORMED:

Excavation of a 600' DIA turning basin to a depth of-16' minimum and the construction of a breakwater on either side of the harbor mouth HA&E estimates are:

Excavation	- 185,000 CY @ \$1.00	185,000
Fill	- 12,000 CY @ \$ .50	6,000
Protective rock		
2.5 ton - 2,155 CY		
4,310 ton @ \$15.00		64,650
500 # - 2,950 CY		88,500
5,900 tons @ \$15.00		
		<u>344,150</u>
Engineering @ 10%		<u>35,000</u>
		<u>379,150</u>
Inflation @ 10%/yr.		<u>125,450</u>

Say-----\$500,000

E. PROJECT JUSTIFICATION:

The present harbor facility at Rota (East Harbor) is only large enough for LCU and similar sized vessels. The rise in tourism and agriculture production and the resultant economic development has created a need for increased cargo flows. This harbor project has been greatly cut back from the originally planned \$805,000 first phase facility and while it will not completely satisfy the needs it will improve the situation and can be deepened at a future date. The existing Japanese pier will serve until the planned pier is constructed out of line of the wave pattern.