

forecasters are in a position to get the inside dope on worldwide weather conditions from outer space. Tiros IV, the weather satellite that went into orbit af-

Powers, spokesman for the nauts, who as usual was optimistic about getting the shot off as planned at 7:30 a.m. (EST) Wednesday.

Advertising For Inner Harbor Bids Started By Engineers

Advertising began today for bids for the inner harbor and highway bridge for Woods lagoon small craft harbor. The army corps of engineers will begin advertising for outer harbor development tomorrow.

Bids will be received March 14 and 15, respectively, according to Worth Brown, post district chairman.

Engineers estimates indicate construction costs of \$3.8 million for the 270-slip harbor at the westerly end of Twin Lakes beach state park.

Brown said initial bidding on the inner harbor will be handled as two projects. A third phase—floatation structures—will be bid later.

Project one will include 990 lineal feet of sheet piling forming the westerly wall of the harbor basin; a 30,000 cubic yard earth dike on the east side; a party boat dock; a concrete launching ramp; and 310,300 cubic yards of hydraulic dredging.

Project two will include the 540-foot Marine Parade-Eaton bridge; an earthen dike and concrete spillway between the bridge and the Southern Pacific trestle; and a 12-inch water line across the bridge.

The bridge, to replace a severed section of East Cliff drive, will have eight concrete bents and two abutments supporting a deck 30 feet in width (24 feet road-

way). The dike will prevent salt water intrusion into the upper reaches of the lagoon.

Drawings and specifications for these two projects may be obtained at the port district office, room "J," civic auditorium, or from district engineers Earl and Wright, 49 Fremont street, San Francisco, 5. A deposit of \$25 is required for each project.

Bids must be received at room "J" by 2 p.m., March 14, with opening at 2:30.

Two dozen plan requests have been received, according to port district Director Ralph Ring.

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