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A $10,998,701 Bureau of Reclamation contract to provide, install and test 30 electric motors to drive pumps at three Central Arizona Project (CAP) pumping plants has been awarded to Siemens-Allis, Inc., Milwaukee, Wisconsin, Commissioner Robert N Broadbent announced today.

Broadbent said under the contract, 10 motors each will be installed at the Hassayampa Pumping Plant in Maricopa County about 22 miles south of Wickenburg, Arizona Little Harquahala Pumping Plant approximately 9 miles southeast of Hope, Arizona; and Bouse Hills Pumping Plant about 6 miles east of Bouse, Arizona. The last two plants are in Yuma County.

The motors range from 2,250 to 14,000 horsepower. Total pumping capacity at each plant will be 3,000 cubic feet per second. Pumps will lift water 118 feet at Bouse Hills, 113 feet at Little Harquahala, and 192 feet at Hassayampa.

A contract to provide the pumps, discharge valves, and valve operating systems at the three plants was awarded in September 1979 to Nissho-Iwai American Corp., Los Angeles, for $10,900,000.

In September 1979, the Guy F. Atkinson Co., South San Francisco, was awarded a $24,579,758 contract to build the Hassayampa Pumping Plant .structure. The Bouse Hills and Little Harquahala structures are being built by Boecon Corp., Tukwila, Washington, under a single $51,638,083 contract awarded in March 1980.

Havasu, the only other pumping plant on the Granite Reef Aqueduct--and the westernmost in the CAP system--is being built by S. J. Groves and Sons Co., Sparks, Nevada, under a $34,035,630 contract awarded in September 1978. A $5,245,300 contract went to Hitachi America Ltd., New York City, in March 1980 to furnish and install pumps, valves, and valve operating systems at Havasu.

One other CAP pumping plant is also under construction. Ball/Conco-BPA, Danville, Calif., was awarded a $26,458,414 contract in November 1980 to build the Salt-Gila Pumping Plant. The plantsite near Mesa, marks the upstream end of the 58- mile-long Salt-Gila Aqueduct adjoining the Granite Reef Aqueduct. Pumps and motors at the Salt-Gila plant will be installed by Nissho-Iwai American Corp. The contract, for $5,250,000, was awarded in September 1980. Plant pumps will lift water 84 feet.

Colorado River water is scheduled to be delivered via CAP facilities into Maricopa County and the Phoenix area by 1985. The water will flow into Pinal County the same year. Water delivery in northern Pima County is expected by 1987, and to Tucson and other Pima County users by 1988.

An average of 1.2 million acre-feet of water a year will flow through the CAP aqueduct system to supplement central Arizona resources and help reduce ground water overdrafting.