

Enhanced Reverse Osmosis Water Purification Unit (EROWPU)

Description

The EROWPU is capable of providing potable water from salt, brackish, and fresh water sources in expeditionary environments. The EROWPU is a state of the art technology unit capable of producing 1,200 to -1,500 gallons of water per hour (GPH). This system will replace the aging 600 GPH ROWPUs at a one to two ratio.

Operational Impact

Water production in an amphibious setting is particularly critical to Marine Corps operations. The EROWPU will be used in the purification of salt water in over 75 percent of its operations.... This capability provides the commander with options that will not tie- forces to specific locations or mandate reliance on host nation support.

Program Status

The current Authorized Acquisition Objective is 257 units. The program is currently funded for procurement during FY02 through -FY07 with initial fielding planned for FY03. The EROWPU is undergoing Army Production Qualification Testing (PQT), with results expected in FY01. Low Rate Initial Production (LRIP), followed by Initial Operational Test and Evaluation is scheduled for FY01. Contract award by the Marine Corps is planned for FY023.

Procurement Profile: FY01 FY02

<i>Quantity:</i>	<i>0</i>	<i>17</i>
------------------	----------	-----------

Developer/Manufacturer

SFA Inc. Frederick Manufacturing Division, Frederick, MD

