

diameter pipelines, one gas and one liquid, will also require support from abroad. Australian industry currently supplies only limited ranges of pipe and associated equipment. The Japanese have tended to dominate the pipe market with packages of attractive financing and shipping. While there is some potential for engineering services that would necessarily complement local capabilities, greater opportunities for Canadian firms would appear to lie with pipe, ancillary pipeline equipment and pipeline construction equipment.

Existing gas lines include: 1300 km of 34-inch main trunk pipe and 20-to-22-inch main laterals; 173 km of 30-inch pipe; 778 km of 22-inch pipe; 432 km of 14-inch pipe; 456 km of 12-3/4-inch pipe; and 435 km of 10-3/4-inch pipe. Two of the three major crude lines are owned by major producers (ESSO/Broken Hill Pty. and Shell-Mobil-ESSO), both located in Victoria. The third is a 186 km, 10-3/4-inch line from Moonie to Brisbane, Queensland.

Among the major pipeline projects that are being planned is an \$841 million gas line to take gas 1560 kilometers (967 miles) south from the North West Shell Project (Dampier), to Perth and Wagerup in Western Australia. The State Energy Commission of Western Australia (SECWA) will own and operate the line. Based on studies conducted by Fluor-Maunsell, suppliers have been asked to preregister interest for: 660 mm (26") line pipe (API 5LX) DSAW; 508 mm (20") line pipe (API 5LX) DSAW; ancillary pipe (compressor stations) API 5L (Grade B Seamless); line-pipe coating material and application (external); mainline valves and ancillary valves, including operators (to API specifications); pipe fittings; scrapers, scraper traps and closures; gas compression equipment; auxiliary power supply; and construction of pipeline, bases and compressor stations.

A second pipeline project for Moomba-Stoney Point, South Australia, calls for a \$160-\$213 million, 659 km (409 miles) liquids line to be built by the Pipelines Authority of South Australia for Cooper Basin producers. Bechtel Pacific, together with Kinnaird Hill de Rohan and Young, are project managers. Completion is set for December 1982.