

Chapter 5

Analysis of Alternatives

5.1 Technology Alternatives

No technology alternatives were considered as the project involves normal pipeline construction including storage facilities. Pipeline laying and transportation of oil and gas is an established practice worldwide.

5.2 Alternatives for Project Site

CEIL has engaged M/s Secon Private Limited, Bangalore to carrying out detailed pipeline route surveys and suggest shortest and optimum pipeline for evacuation of crude oil from Barmer in Rajasthan to Jamnagar in Gujarat via Viramgam, Ahmedabad, Gujarat.

M/s Secon has conducted reconnaissance and detailed field verification surveys and finalized the pipeline alignment based on environmental and other developmental constraints. The proposed evacuation pipeline route would not pass through any environmentally sensitive areas, human habitations, coastal and estuarine areas, archeological monuments nor reserved forests. The major land use along the proposed pipeline is agricultural / barren land. There are no established breeding grounds and migratory routes along the pipeline route and in the proposed storage terminals.