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Client Name	:	<b>Saudi Arabian Oil Company (Saudi Aramco)</b>
Project Title	:	<b>BI-3120, Khuff Condensate for RT Refinery Processing</b>
Project Description	:	The project entails both the dedication of existing pipelines and crude processing to the new service and the installation of new pipeline facilities. More specifically, a portion of the UA-1 pipeline will be dedicated to transporting the enriched AL crude stream to Abqaiq Plants. The enriched crude stream will be processed in Spheroid 106-T-903 and in Stabilizers 110-C-10 and 110-C-11. The stabilized enriched crude will then be transported to Qatif Junction via the QA-5 pipeline. From Qatif Junction, the enriched crude will be transported to the Ras Tanura Refinery by the QRT-7 pipeline. At Zero Anchor, the QRT-1 pipeline will be used to deliver the enriched crude to the refinery.
Total Project Design M/Hrs	:	65,636
Project Parameters	:	Preparation of detail engineering design including process simulation study, material procurement/reservations, construction scope of work and construction bid package.

#### Description of Proposed Facilities

- Installation of new jump overs.
- Installation of new chemical injection system.
- Installation of new FBE internally coated pipes.
- Installation of 8" new condensate pipeline with a separate ESD system.
- Installation of new surge relief system.
- Modifications to existing piping installations.
- Replacement of existing pipelines with new FBE internally coated pipes.
- Installation of communication link between OSPAS CDS and Plant Control Room.
- Installation of 2 new scraper traps.

- Installation of a boiling point analyzer and reid vapor pressure analyzer.
- Mothballing of existing jumpovers.
- Mothballing of existing pipelines.
- Interface to videospec and BI-3712 (DCS @ Abqaiq Plants) (BI-3712 Abqaiq Plants Control Systems Modernization)