

Client Name	:	Saudi Arabian Oil Company (Saudi Aramco)
Service Order No.	:	104/713-200/001
Project Title	:	BI-10-00035 DR-1 Abqaiq GOSP-5 Pump Station
Project Description	:	Detailed Engineering and Design Services for a new intermediate pump station at Abqaiq GOSP-5 to upgrade the DR-1 Pipeline.
Client Project Manager	:	M.H. Al-Natour
Telephone No.	:	03-574-4065
Department	:	SAPD
Zate Project Manager	:	M. Najmuddin
Start Date	:	October 2004
Finish Date	:	October 2006
Total Project Design M/Hrs.	:	23,439
Project Description	:	

This Budget Item (BI-10-00035, DR-1 Abqaiq Pump Station) provides the following facilities:

Plant Facilities:

1. Two shipping pumps at Abqaiq GOSP-5, one in service and the second pump on standby.
2. GOSP-5 fire water system will be expanded to accommodate the new pump station.
3. Electrical power will be supplied from Saudi Electric Company (SEC) 69 kV transmission line terminating in Abqaiq GOSP-5. A new 15/20 MVA substation will be installed in conjunction with this project to support all of its electrical requirements.
4. New Process Interface Room will be provided to enable the safe and reliable process operations of the new DR-1 Abqaiq pump station.
5. One booster pump will be provided at DR-1 Shipping Facilities at Dhahran Pump Station.
6. In-Plant piping works at DHBP to connect the new (third) booster pump in parallel to the existing two booster pumps.