



MAJOR GULF PROJECTS IN THE MIDDLE EAST IN 2009

The Middle East Economic Digest (MEED) has reported the major gulf projects for 2009 which includes projects in construction, energy downstream, and energy upstream, industry, petrochemicals, power and water and transport sectors. For up-to-date information on the region's largest projects, go to www.meedprojects.com. Below is the selected checklist compiled from MEED reports:

Client/Developer	Project name	Country	Value \$bn	Description	2009 Milestones
Aldar	Yas Island Ferrari theme Park	UAE	0.15	A Ferrari- theme race park, located near the Al-raha beach development and including a full-size race track	First race scheduled for the end of 2009
Abu Dhabi Department of Transport	Mafraq-Ghweifat road development	UAE	0.9	327 km-long motorway from Mafraq to Ghweifat on the border with Saudi Arabia. The motorway will include a series of interchanges, including a major intersection at Ruwais	Contracts are expected by early 2009
Emaar	Burj Dubai	UAE	0.9	The world's tallest tower, 900 meters high, with 170 to 200 floors and provision to increase the height further in the future	Due for completion in 2009
Emirates Nuclear Energy Corporation	Nuclear Power Plant	UAE	0.5	Two 1,600MW nuclear power plants	Project in initial

					planning phase
Kingdom Holding	Jeddah Mile Tower	Saudi Arabia	15	1,600-meter-high tower, part of a mixed-use development covering 5.3 sq km.	Tenders delayed, could take place in 2009
Nakheel	Tall Tower	UAE	95	200-plus storey mixed-used tower on the proposed Arabian Canal. The 1km-high tower is expected to be the centerpiece of the development, Nakheel Harbour And Tower, covering 2.7 km.	Tendering, ongoing
Qatar and Bahrain Causeway Foundation	Qatar-bahrain Causeway	Qatar/Bahrain	4.2	The causeway, also known as the Friendship causeway, will connect the western coastal region of Qatar to the south of Manama in Eastern Bahrain	Construction expected to start in 2009
Qatar Diar Real Estate Investment Company	Doha Convention Center	Qatar	0.6	400-meter-high tower with 104 storeys and a built-up area of 180,000 square meters. It will contain a hotel, apartments and retail units.	Awards expected in first quarter of 2009
Sagia	Tabuk Economic City	Saudi Arabia	3	Economic city in the northern town of Tabuk, with the main purpose of attracting tourists	Project in initial study phase, tenders could be issued in late 2009
Sagia	Ras al-Zour Resource City	Saudi Arabia	25	Ras al-Zour Resource City will be developed in eastern Province on the Gulf Coast	Project in initial study phase, tenders could be issued in late 2009
ENERGY DOWNSTREAM					
International Petroleum Investment Company (IPIC)	Fujairah refinery	UAE	8-10	IPIC originally planned to build the refinery in co-operation with Conoco Phillips, but the US major	New international partner to be selected in

				pulled out as a result of rising costs	2009
Kuwait National Petroleum Corporation	Al-Zour Refinery	Kuwait	14.6	Construction of a 615,000 b/d refinery	Enquiring into contract awards; due to be completed in the first quarter of 2009
Saudi Aramco/ Total joint venture	Jubai refinery	Saudi Arabia	10-12	Refinery at Jubail 2, an extension of Jubail Industrial City. The refinery will process 400,000 b/d of Arabian Heavy Crude	Bids for the main process packages to be submitted in February, delayed from November 2008 due to Aramco's cost reviews.
Saudi Aramco/ conoco Phillips joint venture	Yanbu Refinery	Saudi Arabia	10-12	Export refinery project at Yanbu 2 industrial city, capacity of up to 400,000 b/d of heavy crude.	Bids for the main process packages to be submitted in the second quarter, delayed from November 2008 due to Aramco's cost reviews.
Takreer	Ruwais refinery expansion	UAE	8	Construction of 400,000 b/d refinery at Ruwais	EPC contractors to lodge bids in the second quarter of 2009 for eight packages. The expansion will be built alongside Takreer's existing refinery complex at Ruwais.
ENERGY UPSTREAM					
Adnoc	Shah Gas Development	UAE	10	Part of Adnoc's sour gas development programme,	EPC contractors to

				ConocoPhillips is taking a 40 per cent stake in the venture	lodge bids in the first quarter of 2009 for eight packages. The expansion will be built alongside Takreer's existing refinery complex at Ruwais
Aramco	Karan Gas development	Saudi Arabia	10	Aramco plans to produce 1.8 billion cubic feet a day of gas in the first phase	EPC contractors delayed until early 2009 due to Aramco review. Foster Wheeler continuing with FEED.
Aramco	Manifa oil field Development	Saudi Arabia	10	900,000 b/d of oil by 2012	EPC contracts delayed until early 2009 due to Aramco review. Foster Wheeler continuing with FEED
Iraq oil ministry	First bid round	Iraq	20	Tender of six oil fields and two gas fields to international oil companies.	Bids to be submitted in first quarter 2009, awards expected by mid-2009
National Iranian Oil Company	Caspian Sea Exploration	Iran	10	Iran has confirmed it is to sign its first production-sharing deal with Brazil's Petrobras taking a stake in the development of oil and gas resources in the Caspian Sea	First drilling expected in the second quarter 2009
National Oil and Gas Authority (Noga), Bahrain Petroleum	Onshore deep gas exploration round	Bahrain	0.5	Noga and Bapco are seeking to redevelop onshore fields.	Data room for companies to inspect the license round

Company (Bapco)					prospect will be open until January, bids due by second quarter of 2009
Qatar Petroleum	Barzan gas development	Qatar	2	The development has grown four-fold from its initial targets of 1.5 billion cubic feet a day with plans in place for six gas trains by 2015	Invitations to bid for the EPC component are to be released in the first quarter of 2009 and bids to be submitted by third quarter 2009
INDUSTRY					
Alumco (Saudi Arabian Mining Company and Rio Tinto joint venture)	Al-Zabirah aluminium smelter	Saudi Arabia	3.7	750,000 t/y smelter with two potlines, carbon plant, cast house and support facilities.	EPC contractor Bechtel expected to receive notice to proceed in August.
Emal (joint venture between Dubai and Mubadala)	Second phase expansion of Taweelah smelter	UAE		700,000 t/y expansion, doubling first phase capacity.	Pre-feasibility study, being carried out by SNC Lavalin and WorleyParson, due to be completed by the end of 2009.
Oman Pellitising Company	Iron pellitising plant	Oman	0.7	7 million t/y plant in Salalah	Contracts awarded in first quarter
Sulb (foulath and Yamato Kogyo joint venture)	Fully-integrated steel plant in Hidd, Bahrain	Bahrain	3.4	Direct reduction iron plant with capacity of 1.5 million t/y, 1.3 million t/y melt shop and two heavy section rolling mills	Contracts awarded in first quarter.
PETROCHEMICAL					
Chemaweyaat (ipic, Brorealis and Adic Joint Venture)	Taweelah Chemicals Industrial City	UAE	11	Downstream chemical complex expected to have a combined output of more than 8 million t/y.	EPC award expected fourth quarter of 2009.
Honam	Naphta	Qatar	1.5	An ethane/naphta	Invitation to

Petrochemical and Qatar Holding Intermediate Industries Company.	cracker, Mesaieed Petrochemical complex.			cracker-plus aromatics complex in the Mesaieed industrial city with a capacity of 700,000 t/y of propylene 900, 000t/y of propylene.	bid released, EPC expected in first quarter of 2009.
Oman India Fertilizer Company.	Fertilizer (Urea) Plant in Oman	Oman	2	Indian fertilizers firm Krishak Bharati Cooperative plans to set up a urea plant in Oman . with a capacity of 2 million t/y.	EPC award expected in second quarter of 2009.
Rabigh Refining and Petrochemical Company	Phase II, Expansion of Rabigh aromatics complex.	Saudi Arabia	2	Expansion of the existing ethane cracker and aromatics complex, construction of 15 downstream chemical production plants.	EPC award expected in fourth quarter in 2009.
Saudi Aramco and Dow Chemical Company joint venture.	Steam/naphtha cracker, Ras Tanura integrated complex.	Saudi Arabia	2.5	Cracker producing 1.5 million t/y of ethylene, fed with 70 million cubic feet a day of ethane supplied from the Juaymah gas plant and 40,000 b/d of naphtha from the 550,000 Ras Tanura refinery.	EPC award expected in fourth quarter in 2009

POWER AND WATER

Dubai Electricity Water Company	P station Phase II.	UAE	Na	1,300-1,500 MW and destination capacity of 100-120 million g/d.	Bids due 29 January
Kuwait Electricity And Water Ministry.	Subiya power plant	Kuwait	2.8	2,000MW plant	Main contract award due in early 2009.
Kuwait Electricity And Water Ministry	Ai-Zour North	Kuwait	na	3,000MW plant	Tender expected in early 2009.
Oman Power and Water Procurement Company	Salalah IWWP	Oman	1	400MW of power and 15 million g/d desalination capacity.	Main contract award due in early 2003.
Power and Water Utility Company for Jubai land	Yanbu IWPP	Saudi Arabia	3	1,500-1,700MW heavy oil-fired plant, 33 million g/d desalination capacity.	Bids due 15 March

Yanbu (marafiq)					
National Water Company	Riyadh, Waste water plant privatization.	Saudi Arabia	na	Sell-off 1.1million cubic metres of wastewater treatment capacity.	Request proposal s to be issued.
Office National de l'Electricite	Safi IPP	Morocco	Na	1,320 MW coal-fired plant	Bids due 5 March
Qatar General Electricity And Water Corporation (Kahramaa)	Phase 9 transmission project	Qatar	1	Construction of substentions, overhead lines and ground cables	Bids for overhead lines due 18 January; for ground cables 25 January; for substentions 1 February
Saline Water Conversion Company	Yanbu 3 IWPP and privatization of Yanbu 1, and Yanbu 2 and Yanbu RO plant	Saudi Arabia	Na	1,600MW power; 88 million g/d of water	Request for proposals to be issued by end of 2009
Saudi Electricity Company	Rabigh IPP	Saudi Arabia	3	1,200MW oil fired plant	Main contract award due in early 2009
Saudi Electric Company	Ryadh IPP (PP2)	Saudi Arabia	Na	2,000MW gas fired plant	Tender expected first quarter of 2009
TRANSPORT					
Abu Dhabi Airports Company	Midfield Terminal Complex	UAE	1	Expansion of the existing airport to increase the handling capacity to 7.5 million passengers a year	Awards expected first quarter of 2009
Dubai Transport Ministry	Red line, Dubai metro	UAE		Dubai's first metro line	Due for completion in September
GCC governments	GCC railway	GCC		1,500 km rail line linking all six GCC states	Specifications finalized, move towards tendering in second half of the year
Public Works Ministry	Bubiyan seaport, phase	Kuwait	6.6	Three design-and-build packages covering	Tenders to be issues in first

	two			dredging, quay wall construction and onshore roads and paving	half of the year
Saudi Railways Organization	Saudi Landbridge	Saudi Arabia	5	Rail link joining the kingdom's Gulf and Red Sea Coasts, via Riyadh	Consortiums asked to retender in January 2009
Saudi Railways Organization	Mecca-Medina rail link	Saudi Arabia	6	High-Speed rail link between the holy cities and Jeddah	Contract awarded first quarter

Source: MEED January 2009, Special Report