

# GERAB

# BULLETIN

Vol: 1



- Editorial:** Gerab National Enterprises is headquartered in the UAE with offices across the Middle East and beyond. For over four-decades Gerab is serving the Oil, Gas, Petrochemical, Energy, Water, Process, and Other Civil Construction industries, supplying piping solutions. During the years, Gerab forged strong relationship with manufacturers world-wide, built in-house storage and logistics capabilities, and developed a strong technical team to serve clients in over 60 countries. Gerab offers value-added services such as valve automation and repair services; colour coding, tagging, and engraving services for material identification for projects; storage, sorting, and marshalling services; cutting, machining, and welding, and so on, which distinguishes Gerab from most other vendors. Gerab maintains a significant inventory of well-preserved piping components in stock and follows the quality assurance standards as determined by ISO 9001:2008. This is the first Gerab Bulletin issued for our stakeholders to update them about events in the Middle East. The Bulletin focuses on metals, oil, gas, petrochemical, energy, and water projects. We hope that you will find the content useful. We would definitely like to hear from you.

## COMMODITY UPDATES

- Coal prices have been flat over a month but still trading at more than 100% higher than a year ago and 33% up 6MTD. Cobalt prices also have been showing an uptrend and is trading at 95% higher than a year ago.
- Crude oil Brent and Crude oil WTI have been almost flat for last six months but still trading higher by 45% than a year ago prices. US Stocks of Crude Oil & Petroleum Products have been showing a declining trend and is down by 10% than a year ago. Natural gas, Steel HRC (N. America) and chromium prices have gone up by 40 to 50% than it was trading a year ago.

COMMODITY	UOM	Latest Price	WTD %	MTD %	3MTD %	6MTD %	YTD %
Chromium	USD/MT	10,729.72	-7.87	-7.48	9.71	20.16	53.31
Coal	USD/MT	181.39	0.41	5.94	-10.69	33.70	104.89
Cobalt	USD/MT	73,854.86	1.64	2.87	27.42	43.25	95.95
Copper	USD/MT	9,633.50	1.60	1.12	0.30	1.59	19.52
Crude Oil	USD/BBL	77.72	3.76	5.52	-5.61	4.56	45.87
Crude Oil Brent	USD/BBL	79.15	-0.38	5.43	-5.18	5.41	43.32
Crude Oil WTI	USD/BBL	76.29	-0.51	6.26	-6.05	3.65	47.41
Iron Ore	USD/MT	120.40	6.98	8.54	-0.16	-44.22	-28.14
Molybdenum	USD/MT	41,035.05	0.05	0.13	-1.71	0.70	82.85
Natural Gas	USD/MCF	3.93	2.36	-1.93	-32.04	-0.27	43.58
Nickel	USD/MT	20,720.00	6.28	4.33	7.55	9.64	16.25
Steel HRC (FOB China)	USD/MT	763.91	0.38	-0.35	-16.00	-15.11	16.26

Steel HRC (N. America)	USD/MT	1,797.87	-0.85	0.30	-14.64	-10.09	52.51
Steel Rebar	USD/MT	775.99	-3.07	2.61	-18.71	-7.28	10.94
Steel Scrap	USD/MT	462.00	3.82	1.77	-4.56	-8.04	4.41

Source: Investing.com / Trading Economics / London Metal Exchange / MarketIndex.com.au / OilPrice.com

#### CRUDE OIL STOCK

Region	Unit	Latest Count	WTD %	MTD %	3MTD %	6MTD %	YTD %
US Stocks of Crude Oil & Petroleum Products	Thousand Barrels	17,79,614.00	-1.13	-2.47	-3.89	-6.37	-10.13

Source: US Energy Information Authority

#### CURRENCY EXCHANGE RATE

Code	Description	Country	Units	Latest Exchange Rates	WTD%	MTD%	3MTD%	6MTD%	YTD%
EURUSD	1 EUR to USD	Euro Area	USD	1.13	-0.54	-0.14	-2.63	-4.83	-8.19
USDCNY	1 USD to CNY	China	CNY	6.38	-0.09	-0.05	1.13	1.35	0.94

Source- Trading Economics

#### INTERNATIONAL RIG COUNTS

- Rig Counts have been in uptrend for almost all the regions shown in the table with Latin America and North America count still up by 50 % than a year ago count.

Region	Latest Count	WTD %	MTD %	3MTD %	6MTD %	YTD %
United Arab Emirates	43	*	2.38	16.22	0.00	4.88
GCC	183	*	-0.54	4.57	-2.14	3.39
Middle East	276	*	0.36	5.75	3.76	15.97
Africa	78	*	6.85	14.71	32.20	41.82
Asia-Pacific	181	*	4.02	-1.09	6.47	18.30
Europe	98	*	4.26	3.16	10.11	12.64
Latin America	154	*	1.99	12.41	14.07	52.48
North America	676	-5.98	-8.65	-0.73	13.42	65.28
Total	1,463	*	-2.92	2.67	11.25	40.27

Source- Baker Hughes

(\* ) No weekly data available for those particular regions

#### PROJECTS

- Borouge awards EPC contracts for \$6.2bn expansion**

Borouge, a leading petrochemical company providing value-creating polyolefin solutions, has awarded EPC contracts for the \$6.2 billion world-scale fourth expansion of its manufacturing complex in Ruwais, Abu Dhabi (Borouge 4). The details of the contracts awards are as follows:

The first package for early works was awarded to Al Asab General Transport and Contracting, a leading Abu Dhabi-based construction company. The early works package covers engineering, procurement and construction related to site preparation and early works of the world-scale expansion. The second package of Borouge 4 was awarded to French construction giant, Technip Energies, in consortium with Target Engineering, to build the ethane cracker. This is Borouge's fourth cracker with a manufacturing capacity of 1.5 million tonnes of ethylene output per annum. The last three packages of Borouge 4

were awarded to Italian industrial engineering company, Tecnimont. The package is for polyethylene and 1-hexene units covering the build of Borouge 4's two new polyethylene manufacturing plants and 1-hexene unit, a component in the production of high-performance polyethylene.

- **ADNOC Onshore - OGD II Trunkline Modification**

ADNOC Onshore is planning to modify the OGD II trunkline in UAE. The US\$100 million project includes the Replacement of trunk lines, Laying of station piping, Replacement of flow lines and Installation of equipment.

- **ADOC - Mubarraz Oil Field Expansion**

Abu Dhabi Oil Co is planning to undertake the expansion of the Mubarraz oil field project in Abu Dhabi. The project is being developed in three packages. The US\$600 million project includes the Installation of new oil heaters, Installation of new WWT and Modification of piping bottleneck at Mubarraz island.

- **ADNOC - Project Wave**

Abu Dhabi National Oil Company (Adnoc) is undertaking the construction of two planned seawater treatment and transmission pipeline schemes known as "Project Wave" in Abu Dhabi, the UAE. The third component entails the development of a centralized pumping station and in-field distribution network to disseminate treated water to water injection wells. The US\$5000 million project includes the Construction of two seawater Nano filtration plants (954679m<sup>3</sup>/d), Construction of pumping stations, Laying of transmission pipelines (approximately 450km), Development of a centralized pumping station, Development of in-field distribution network to disseminate treated water to water injection wells and Construction of seawater intake and outfall.

- **ADNOC- Al-Nouf Seawater Treatment Plant**

Abu Dhabi National Oil Company (Adnoc) is planning to develop Al- Nouf planned seawater treatment under Project Wave in Abu Dhabi, the UAE. The US\$2000 million project involves the construction of a seawater treatment plant, Construction of a centralized pumping stations, Laying of transmission pipelines, Development of in-field distribution network to disseminate treated water to water injection wells and Construction of seawater intake and outfall.

- **TechnipFMC Awarded Multi-Year Surface Technologies Contract in UAE**

TechnipFMC announced in a statement, through Gulf Automation Services and Oilfield Supplies LLC, it has been awarded a major 10-year framework agreement for wellheads, trees and associated services by the Abu Dhabi National Oil Company (ADNOC). Under the framework agreement, TechnipFMC will further grow in-country talent and expand existing manufacturing, assembly and test capabilities in Abu Dhabi in order to deliver the Company's complete portfolio of surface wellheads and trees locally.

- **Reliance-TA'ZIZ Launch Strategic JV for \$2bn Chemicals Projects in UAE**

Abu Dhabi Chemicals Derivatives Company RSC Ltd ("TA'ZIZ") and Reliance Industries Limited (RIL), have agreed to launch TA'ZIZ EDC & PVC, a world-scale chemical production partnership at the TA'ZIZ Industrial Chemicals Zone in Ruwais. The new joint-venture will construct and operate a Chlor-Alkali, Ethylene Dichloride (EDC) and Polyvinyl Chloride (PVC) production facility, with an investment of more than \$2 billion. Representing the first production of these chemicals in the UAE, the project will enable the substitution of imports and the creation of new local value chains, while also meeting growing demand for these chemicals globally. The TA'ZIZ Industrial Chemicals Zone is a joint venture between Abu Dhabi National Oil Company (ADNOC) and ADQ. The project builds on ADNOC and Reliance's long-standing strategic partnership and is Reliance's first investment in the MENA region.

- **ENGIE and Masdar form US\$5bn strategic alliance for UAE's green hydrogen**

ENGIE and Masdar, one of the world's fastest-growing renewable energy companies, announced in a statement that they have signed a strategic alliance agreement to explore the co-development of a

UAE

UAE-based green hydrogen hub. The two companies are looking to develop projects with a capacity of at least 2 GW by 2030, with a total investment in the region of US\$5 billion. The agreement was signed by Dr Sultan Ahmed Al Jaber, UAE Minister of Industry and Advanced Technology, ADNOC Managing Director and Group CEO, and Masdar Chairman, and Catherine MacGregor, ENGIE CEO, in the presence of Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, and Emmanuel Macron, President of the French Republic, during his visit to the UAE.

- **ADNOC Drilling awarded \$3.8 billion drilling contract**

ADNOC Drilling Company PJSC, UAE announced that it has signed a five-year Drilling Services Agreement with ADNOC Onshore for the continued provision of drilling, workover and other well services. The contract will run for up to 5 years, for a total value of US\$3.8 billion. Abdulrahman Abdullah Al Seiri, Chief Executive Officer of ADNOC Drilling, said, “ADNOC Onshore is a valued and long-standing customer and this contract award further extends a 50-year profitable and unique partnership. I am delighted, that working together, we will continue to drive value for ADNOC and the UAE, delivering on the 2030 strategic production capacity and gas self-sufficiency targets. Advanced technologies and digitalisation are at the heart of this agreement, as ADNOC Drilling continues to improve efficiencies, drive further growth opportunities, while minimizing our environmental footprint.

- **ADNOC and GE to develop decarbonization roadmap for Power Generation**

Abu Dhabi National Oil Company (ADNOC) and GE Gas Power announced a joint cooperation initiative to develop a decarbonization roadmap that includes reducing carbon emissions from gas turbines used to power ADNOC’s downstream and industry operations, including at the world-scale Ruwais Industrial Complex, in Abu Dhabi in the United Arab Emirates (UAE). This initiative further supports the UAE Net Zero by 2050 Strategic Initiative and strengthens ADNOC’s position as one of the world’s least carbon-intensive oil and gas producers. The announcement follows the recent clean power agreement between ADNOC and Emirates Water and Electricity Company (EWEC) and enhances ADNOC’s pathway to decarbonization while enabling sustainable future growth.

- **Technip Energies Awarded FEED Update Contract for the Ghasha Development in UAE**

Technip Energies announced in a statement that it has been awarded a contract by the Abu Dhabi National Oil Company (ADNOC) to update the Front-End Engineering Design (FEED) for the Ghasha mega project including accelerating the integration of carbon capture into the development. This project is part of the Ghasha Concession wherein ADNOC’s strategic partners are Eni (25%), Wintershall Dea (10%), OMV (5%), and LUKOIL (5%). The project aims to develop the untapped oil and gas reserves from the Ghasha Concession fields which is the world’s largest offshore sour gas development. The Concession area is expected to produce over 1.5Billion standard cubic feet per day (bscfd) of natural gas, as well as condensate and oil.

- **Technip Energies awarded a substantial petrochemical contract**

Technip Energies has been awarded a substantial Engineering, Procurement, and Construction (EPC) contract in consortium with TARGET Engineering by Abu Dhabi Polymers co. Ltd. (Borouge), a joint-venture between ADNOC and Borealis, for the construction of a new ethane cracker unit, to be integrated in the Borouge 4 petrochemical complex in Ruwais, UAE.

- **TAQA - Fujairah IPP (F3)**

Emirates Water & Electricity Company (EWEC), a subsidiary of Abu Dhabi Power (ADPower), is developing a 2.4 GW Fujairah F3 Independent Power Producer Project (IPP). As planned to become the largest independent thermal power plant in the country, Fujairah F3 will generate enough electricity to meet power demand for approximately 380,000 households. The Fujairah F3 IPP project will embody combined cycle gas turbine (CCGT) technology, which will be built in the Fujairah water and electricity complex in the Emirate of Fujairah.

- ADNOC Drilling and Helmerich & Payne Enter Framework Agreement**  
 ADNOC Drilling Company PJSC, UAE and Helmerich & Payne, Inc. (H&P) jointly announced the finalization of the Rig Enablement Framework Agreement. The Framework Agreement will advance ADNOC Drilling's land rig operational performance, as well as support its ambitious growth and expansion plans. Focused on improving drilling efficiencies and unlocking operational savings, the Framework Agreement builds on the Asset Purchase Agreement and IPO Cornerstone Agreement announced on September 8, 2021, further strengthening the strategic alliance between ADNOC Drilling and H&P.
- ADNOC Onshore - Asab Full Field Development 2 - Stage 2 - Compression Train & Flow lines**  
 ADNOC Onshore plans to commence Phase 2 of the Asab Full Field Development (FFD). The project will be divided into three phases. Stage 2 of the FFD-2 project aims to set up additional facilities required to sustain Asab's oil production until 2027 and undertake modifications at existing facilities to handle up to 670,000 bpd of crude.
- ADNOC signed agreements for Non-metallic industrial solutions**  
 Abu Dhabi National Oil Company (ADNOC) announced in a statement that it has signed new piloting agreements for Non-metallic industrial solutions. The agreement are signed with the following firms to advance the use of non-metallic industrial solutions in various hydrocarbon and water service applications, Baker Hughes, Future Pipe Industries, SoluForce, Specialty RTP. Non-metallic pipes are corrosion-resistant and can withstand harsh environments, while driving lower costs and more sustainable operations, compared to their carbon steel equivalents.
- UAE's ADNOC, TAQA Start \$3.6 Billion Project to Cut Emissions**  
 Abu Dhabi National Oil Co. (ADNOC) and Abu Dhabi National Energy Co. (Taqa) will establish a \$3.6 billion project to cut the carbon footprint of the national oil producer's offshore operations by more than 30% starting 2025, ADNOC announced in a statement. The project is part of efforts by the United Arab Emirates to neutralize carbon emissions by 2050.
- UAE's NMDC awarded \$369m Port contract**  
 National Marine Dredging Co. (NMDC), UAE announced in a statement that it has awarded the project, Shamal Development-Marine Works. National Marine Dredging Co. (NMDC), UAE announced in a statement that it has won two projects each in UAE and Egypt. The combined value of the contracts is around AED 635 million (USD 172.9 million). **Dadna Fujairah Project:** NMDC scope includes dredging, reclamation, breakwater, quay wall and demolition works. The value of the contract is AED 485 million. The Project is expected to be executed over 18 months. **Bardawil Project:** Bardawil project which has been awarded to NMDC's joint venture in Egypt, the Challenge Egyptian Emirates Co.
- BPGIC - Fujairah Topping Unit**  
 Brooge Petroleum and Gas Investment Co (BPGIC) is planning to undertake the construction of a new oil refinery with the output capacity of 24,000 BPD in Fujairah, the UAE. It includes Construction of a crude distillation unit, Construction of a flash unit, Installation of the flash drums, Installation of the heat exchangers, Installation of air coolers, Construction of associated facilities. Contract Value \$24 m.
- ADOC - Hail Oil Field Water Injection Project**  
 Abu Dhabi Oil Company (ADOC) is planning to undertake the construction of water injection project at Hail Oil field in Abu Dhabi, the UAE. Project includes Installation of water injection pumps, Installation of a water filtration facility, Installation of chemical injection, Installation of hooks ups, Laying of pipelines, Construction of associated facilities. Contract Value \$40 m Award Date October 2021.

- Enerwhere and BESIX announce Dubai Waste-to-Energy plant construction**  
 The plant will convert 1.9 million of municipal solid waste per year to 200 MW of thermal energy which will be fed into the local grid. Enerwhere announced its eighth project with BESIX to power the construction of Dubai Waste-to-Energy plant. The solar-diesel hybrid microgrid will power the entire construction site including four tower cranes of 100 metric tonnes lifting capacity. Waste-to-Energy plant is developed by consortium including Dubai Holding, ITOCHU Corporation, Hitachi Zosen Inova, BESIX Group and Tech Group.

BAHRAIN

- Mitsubishi consortium named EPC contractor for Alba PS5 unit**  
 Aluminium Bahrain (Alba), the world's largest aluminium smelter ex-China, has selected a consortium of Japan's Mitsubishi and Sepco III as the engineering, procurement and construction contractor for the fourth additional block at Power Station 5 (PS5). Aluminium Bahrain (Alba), the world's largest aluminium smelter ex-China, has selected a consortium of Japan's Mitsubishi and Sepco III as the engineering, procurement and construction (EPC) contractor for the fourth additional block in its Power Station 5.
- Mitsubishi & SEPCOIII signed Bahrain's 680MW Power Project**  
 SEPCOIII, China announced in a statement that the EPC Contract of Alba Power Project was successfully signed between ALBA, SEPCOIII and Mitsubishi Power in Bahrain. Alba Power Project is an EPC Project solicited by Aluminum Bahrain B.S.C (ALBA) in order to supplement the power gap of expansion production line of electrolytic aluminum. Aluminium Bahrain B.S.C (Alba), the world's largest aluminium smelter ex-China announced in a statement during the Board of Directors meeting that, it has issued a Limited Notice to Proceed, for the construction of 680.9 MW Power Station. The Limited Notice to Proceed issued to Mitsubishi (Japan) & SEPCO III (China) Consortium, subject to successful financial closure. The Consortium will execute the project on Engineering, Procurement and Construction (EPC) basis. The net output of the project is 680MW and is scheduled to commercial operation in 2024.

KUWAIT

- MEW - Doha SWRO Desalination Plant Phase 2**  
 The Ministry of Electricity and Water (MEW) is planning to construct a seawater reverse osmosis (SWRO) desalination plant in Doha, Kuwait. Water sustainability is a growing concern in the Middle East, the Ministry of Electricity & Water has taken proper measures to sustain a potable water supply for the communities. The project aims to meet the growing demand for water both from the domestic and industrial sectors in the country. The current profile captures Phase 2 of the project. The US\$432 million project includes the Construction of SWRO desalination plant with a capacity of 60MIGD, Rehabilitation of multi-stage flash distillation units, Rehabilitation of auxiliary power units, Installation of safety systems, Installation of booster pumps, Installation of pre & post-treatment units, Installation of RO unit.
- Jereh awarded \$423.1m Jurassic Production Facilities 5 Project in Kuwait**  
**Kuwait Oil Company (KOC) awarded the project, Jurassic Production Facilities 5, JPF -5 for testing, processing and handling of wet and sour hydrocarbon wells fluids from Jurassic Fields.** The Project location is in North of Kuwait. The Project has been awarded to Jereh Oil and Gas Engineering Co., Ltd., a wholly-owned subsidiary of Jereh Holdings, China. The value of the contract is KWD 128.4 millions (USD 423.1 million). Each of the Facility will be built for producing Fifty Thousand Barrels of Stock Tank Oil Per Day (50 STMBOPD) of treated sweet crude (Jurassic Light Oil with 40° – 50° API) and export one hundred and fifty Million Standard Cubic Feet per Day (150 MMSCFD) of sweet and dehydrated rich gas by processing /handling of sour and wet gas reservoir fluids from NK Jurassic Fields.
- Kuwait awards \$408.6m Well Hook-up and Associated Works Project**

Kuwait Oil Company (KOC) awards the project, Construction of 11 Patterns Well Hook-up & Associated Works in North Kuwait area. The Project has been awarded to Kuwait based Construction firm, SAYED HAMID BEHBEHANI & SONS CO. WLL. The value of the contract is KWD 123.8 million (USD 408.6 million). The aim of the project is to enhance and sustain the production of Heavy Oil in North Kuwait to 60 Million Barrel of Oil Per Day (MBOPD). The Works involve connection of 402 heavy oil wells in South Ratqa Oil Fields to the existing headers. The project involves the construction of 11 patterns with 402 oil wells. The duration of the project is 1275 days.

- **Kuwait signs \$398m Jurassic Production Facilities 4 Project**

Kuwait Oil Company (KOC) awarded the project, Jurassic Production Facilities 4, JPF -4 for testing, processing and handling of wet and sour hydrocarbon wells fluids from Jurassic Fields. The Project location is in North of Kuwait. The Project has been awarded to Spetco International Petroleum Co, Kuwait. The value of the contract is USD 398 million. Each of the Facility will be built for producing Fifty Thousand Barrels of Stock Tank Oil Per Day (50 STMBOPD) of treated sweet crude (Jurassic Light Oil with 40° – 50° API) and export one hundred and fifty Million Standard Cubic Feet per Day (150 MMSCFD) of sweet and dehydrated rich gas by processing /handling of sour and wet gas reservoir fluids from NK Jurassic Fields.

- **KOC - JPF 4 Off-Plot Works & Production Facilities**

Kuwait Oil Company (KOC) is planning the development of the Jurassic Gas Production Facility in Kuwait. Contract Value \$398 m Award Date November 2021.

- **Kuwait signs Jurassic gas deal with local firm**

State-owned Kuwait Oil Company (KOC) has signed a contract with Spetco International Petroleum Company for the development of Jurassic gas field in the Northern border area, KOC’s CEO was quoted on Sunday as saying. KOC awarded package 1 known as “JPF-4” of the giant gas project to the Kuwait-based **Spetco** after it submitted the lowest bid, Imad Sultan told the Kuwaiti Arabic language daily Alrai. The \$400-million project involves the production of nearly 150 million cubic feet of gas per day and 50,000 of light crude per day, Sultan said. According to the paper, the project and another one awarded to a Chinese firm aim to boost Kuwait’s gas output to nearly 950 million feet per day. Jurassic gas project in North Kuwait close to the border with Iraq will have a capacity of 100,000 barrels per day of light crude and 300 million cubic feet of free gas a day.

- **Kuwait to issue 50 oil project tenders: report**

State-owned Kuwait Oil Company (KOC) intends to issue nearly 50 tenders for small and medium projects as part of long-term plans to expand its crude and gas production, a local newspaper reported on Wednesday. Some of those tenders have already been announced and several companies have submitted bids for them, the Arabic language daily Alanba said. It quoted KOC sources as saying the number of tenders planned by the Gulf emirate’s upstream investment arm is the largest since the outbreak of Coronavirus 2 years ago. “These tenders are part of KOC’s programme to boost spending in the next years to achieve output targets set in the 2040 strategy that will see crude output rise to 3.6 million barrels per day (bpd) and non-associated gas to 1.5 billion cubic feet/day,” the report said. Projects comprise installation of pipelines in various areas, construction of power substations, supply and construction of sea cables, maintenance works for the company’s oilfields in West Kuwait, installation of oil well injection equipment in North Kuwait and oil pollution clean-up operations, the report added.

OMAN

- **Oman launches its second largest oil, gas project**

The Petroleum Development Oman on Monday launched Yibal Khuff oil and gas project worth SR9.7 million (\$2.6 million). The launching ceremony of PDO’s second largest project was held under the auspices of Deputy Prime Minister for Defense Affairs Sayyid Shihab bin Tarik Al-Said. Spanning an area of 1.68 square kilometers, the project at its peak will have a capacity to produce 20,000 barrels

of crude and 5 million cubic meters of gas a day, said PDO top official Abdul-Amir bin Abdul-Huddein Al-Ajmi.

- **A \$30bn investment in the future**

The signing of new investment deals reportedly worth \$30 billion between Saudi Arabia and Oman is no doubt a positive development for solidifying cooperation between the member countries of the Gulf Cooperation Council. Yet the first questions that spring to mind are: Why Oman and why now? From a geopolitical perspective, Saudi Arabia's move is important as the Kingdom is now using its immense economic clout to support its smaller neighbors, starting with Iraq to the north and now Oman to the southeast.

- **OQ - South Grid Debottlenecking Phase 2**

OQ SAOC (OQ) is undertaking the construction of the South Grid Debottlenecking Phase 2 project in Oman. Contract Value \$400 m Award Date March 2021.

- **Oman Launched \$7bn Liwa Plastics Project**

HH Sayyid Asa'ad bin Tarik al-Said, Deputy Prime Minister for International Relations and Cooperation Affairs, Personal Representative of His Majesty the Sultan presided over the launch of OQ's RO 2.7 billion Liwa Plastics mega project located at Sohar Industrial Port. The project aims to strengthen the industrial sector by producing 880,000 tons annually of polyethylene (the basic raw material at the heart of about 40 per cent of all types of plastics produced worldwide) and about 300,000 tons per year of polypropylene, which will increase Oman's production of the two polymers to 1.4 million tons per year.

- **Total Energies, Oman team up to create new LNG export company**

The government of Oman has announced an agreement between the Oman National Oil Company (OQ) and Total Energies to create a new LNG export company using natural gas from the sultanate's Saih Rawl gas field. Marsa LNG will be a joint venture with Total Energies holding an 80% stake and OQ holding the remaining 20%. Marsa LNG will produce natural gas from Block 10 in the Saih Rawl field. Marsa LNG will hold a 33.19% interest in Block 10, an area where production is expected to reach 230,000 barrels of oil equivalent per day in 2023.

- **Shell signs gas concession agreement for Block 10 in Oman**

The Ministry of Energy and Minerals on behalf of the government of the Sultanate of Oman has signed a concession agreement with Shell Integrated Gas Oman BV, a subsidiary of Royal Dutch Shell plc, and its partners, OQ and Marsa Liquefied Natural Gas LLC (a joint venture between Total Energies and OQ), to develop and produce natural gas from block 10 of the Saih Rawl gas field. The parties also signed a separate gas sales agreement for gas produced from the block. The two agreements follow an interim upstream agreement signed in February 2019. Shell's entry into this block signifies a further commitment to Oman, while enhancing and diversifying Shell's gas supply.

- **Oman awarded \$404 million Al-Gubra 3 and Barka 5 IWP**

South Korean Construction firm, GS Engineering & Construction (GS E&C) announced in a statement that its subsidiary GS Inima have won two seawater desalination projects, Al-Gubra 3 IWP and Barka 5 IWP in Oman. GS Inima is a world-class water treatment company based in Spain and is 100 percent owned by GS E&C. As per the statement, GS E&C has received a letter of award (LOA) from Oman Power & Water Procurement Co. (OPWP) for the third stage of the Al-Gubra project and the fifth stage of the Barka project. The company will carry out both projects in the build-own-operate (BOO) method. GS Inima scope of work includes financing, Design, construction and operation & maintenance for 20 years. The third phase of the Al-Gubra project is designed to build an independent 300,000-cubic-meter RO-type seawater desalination plant. The Project location is in the coastal area of Muscat, the capital of Oman.



- **Agreement Signed for Oman’s first Solar Powered biodiesel plant**

The post Agreement Signed for Oman’s first Solar Powered biodiesel plant appeared first on SaudiGulf Projects. The officials from Al Shawamikh and Wakud at the signing ceremony. Oman’s leading Super Local Community Contractor (SLCC) Al Shawamikh Oil Services (Al Shawamikh) and biodiesel project developer Wakud have signed an agreement to install a solar energy system in Khazaen Economic City in the wilayat of Barka. According to the statement, Wakud will be the first facility of its kind in the region and the world to be powered entirely by solar energy with the completion of this project.

- **Shell signs gas deal for Oman Saih Rawl field**

Oman has signed a concession deal with Shell Integrated Gas Oman BV, a subsidiary of Royal Dutch Shell, and its partners, to develop and produce natural gas from block 10 of the Saih Rawl gas field within two years. Shell’s partners are OQ and Marsa Liquefied Natural Gas LLC (a joint venture between TotalEnergies and OQ).

- **Oman awards \$145.6million water treatment project to Suez**

France’s, SUEZ announced in a statement that it has been awarded a Design, Build, Own, Operate and Maintain (DBOOM) contract for the treatment of produced water coming from oil fields located in Rima, about 700 kms South of Muscat, capital of Oman. The plant capacity will be 40,000 m3 /day. The value of the signed contract is around €120 million (\$145.6million). The duration of the contract is 20-years. The project was awarded by Petroleum Development Oman (PDO), the leading oil & gas exploration and production company in the Sultanate. The contract aims at implementing alternative techniques to treat and dispose produced water, which is the oily wastewater generated during the extraction and recovery of oil. A large quantity of produced water is being generated from oil fields, depending on oil fields, one barrel of oil produces five to ten barrels of water.

- **Three contracting giants battle it out for prized Qatargas North Field expansion contract**

The onshore contract comprises sulphur-handling facilities destined for the first expansion phase of the North Field. A trio of leading international engineering, procurement and construction players is battling it out for a sizeable onshore contract from Qatargas for work on the first expansion phase of its giant North Field. Multiple people with direct knowledge of the development told Upstream that at least three EPC contractors recently submitted technical bids for the fourth package (Package 4) of the giant liquified natural gas expansion scheme.

- **Qatargas - Sulphur Storage and Export Facilities (EPC-4)**

Qatargas is planning the construction of Sulphur Storage and Export facilities at Ras Laffan Industrial City (RLIC), Qatar. The US\$1,000 million project includes the Construction of a sulphur storage tank with a capacity of 10,000 tonnes, Laying of connecting pipelines and Installation of a control system and valve.

- **ASHGHAL - Al Wakrah And Al Wukair STP**

Qatar Public Works Authority (ASHGHAL) is planning the development of the sewage treatment plant for the Al Wakra and Al Wukair areas in Qatar. The project will have the capacity to treat average flows of 150,000 cubic meters per day and will be developed on a public-private partnership (PPP) basis. It is a part of Ashghal’s Master Plan for the region to accommodate the anticipated population growth in the area and the diversion plans from other sewage treatment work. The US\$700 million project includes the Construction of a terminal pumping station, Construction of an odour control facility (OCF) for the TPS and main trunk sewer (MTS-03), Construction of two deep-shaft structures including a screen shaft and pump shaft, Construction of sewage treatment works with an average capacity of 150,000 m3/day, Construction of primary, secondary, and tertiary treatment units.

- **Qatargas - Pipelines and Topsides Facilities**

QATAR

Qatargas is undertaking the construction of offshore pipelines and topside facilities as part of the North Field Expansion (NFE) project in Qatar. The US\$800 million project includes the construction of eight unmanned wellhead platforms (WH-14,15,16,17,18,19,20&21),2. Laying of four 38-inch trunklines , Laying of four 28-inch intra-field lines and Laying of associated f facilities.

- **QatarEnergy enters Egypt through agreement with Shell**

QatarEnergy has entered into agreements with Shell to acquire working interests in two offshore exploration blocks in the Egyptian side of the Red Sea. Under the terms of the agreements, which are subject to customary approvals by the government of Egypt, QatarEnergy will hold a 17 per cent working interest in Red Sea Blocks 3 and 4, the Qatari state-owned company revealed on Monday.

- **Qatargas - North Field Production Sustainability**

Qatargas is undertaking the construction of the North Field Production Sustainability project in Qatar. The current profile includes EPCO and EPCL packages. The project aims to provide sustainability to the existing 77 million tonnes per year (tpy) production capacity of the LNG trains.

- **NOC - Gallaf Batch 3: EPC-08**

North Oil Company (NOC), a joint venture of Qatar Petroleum and Total Energies is undertaking the construction of Batch III of the Gallaf Project in Al Shaheen Field, Qatar. The project aims to maintain output at Al Shaheen, Qatar's largest offshore oilfield. Contract Value \$50 m.

SAUDI ARABIA

- **Samsung lands \$1.2bn Aramco gas project contract**

Samsung Engineering has announced that it has won a \$1.23-billion contract from Saudi oil giant Aramco for its Jafurah Gas Process Package 1 Project. The scope of work includes building a gas treatment facility along with acid gas and NGL removal units. It is part of the Jafurah shale gas field development located 400 km east of capital Riyadh and is expected to be completed in 2025. One of the world's leading engineering, procurement, construction and project management (EPC&PM) companies, Samsung Engineering will build a gas treatment facility that will remove sulphur and other substances from 1.1 billion cubic feet of gas per day.

- **Saipem signs \$750m contract with Saudi Aramco for Jafurah gas field**

Saipem will also build a system to transport water associated with the separation of the treated gas. Italian Bourse-listed oilfield services giant Saipem signed a \$750m contract with Saudi Aramco on the Jafurah Development Program in Saudi Arabia. The project involves the construction of a hydrocarbon collection system and the transport of gas and condensate to the new Jafurah plant, in the Eastern Province of Saudi Arabia. Saipem will also build a system to transport water associated with the separation of the treated gas. The EPC (Engineering, Procurement, and Construction) contract includes the engineering, supply of materials, construction, and commissioning of approximately 835km of pipelines for the transportation of gas, condensate and production water.

- **Aramco signs \$15.5bn gas pipeline deal with global consortium led by BlackRock**

Saudi Aramco signed a \$15.5 billion lease and leaseback deal involving its gas pipeline network with a consortium led by BlackRock Real Assets and Hassana Investment Co., said a statement. Considered to be one of the largest energy infrastructure deals, it represents Aramco's asset optimization program and is the second such infrastructure transaction by Aramco this year after the closing of the oil pipeline infrastructure deal earlier in June 2021.

- **McDermott awarded a trio of offshore contracts from Saudi Aramco**

US-based engineering giant McDermott International has won three prized offshore contracts from Saudi Aramco as a part of Saudi Arabia's coveted long term agreement (LTA) with leading global offshore contractors. McDermott said in a statement on Tuesday that it has been awarded three new

awards from Aramco for engineering, procurement, construction and installation (EPCI) projects. “In total, McDermott will provide EPCI of four drilling jackets and seven oil production deck modules (PDMs) in Saudi Arabia's Zuluf, Ribyan, Abu Sa'fah and Safaniya fields located offshore in the Arabian Gulf,” the US-based contractor said. In addition to the seven PDMs and four drilling jackets, the project's scope of work for the three— contract release purchase orders (CRPOs) includes the EPCI of more than 45 kilometres of offshore pipelines and 100 kilometres plus of subsea cables and tie-in works to existing facilities, it added. “Fabrication is expected to begin in the first quarter of 2022, with offshore installation commencing the fourth quarter of 2022 and overall completion expected the second quarter of 2023,” Mcdermott noted.

- **Wood awarded FEED Contract in Saudi Arabia**

Wood announced in a statement that it has secured a multi-million dollar contract with Saudi Aramco to deliver engineering and project management services for the Safaniyah and Manifa oilfields in the Kingdom of Saudi Arabia. The two-year contract includes the delivery of conceptual studies, front-end engineering design (FEED) and project management services for Saudi Aramco's oil and gas, pipelines and infrastructure facilities and will maximise production capacity. The new FEED contract will be executed by Wood in its Al-Khobar Saudi Arabia and Reading UK offices, as well as Wood's engineering services hub, statement mentioned.

- **Saudi Aramco extends Worley's contracts for offshore assets**

Worley announced in a statement that, Saudi Arabian Oil Company (Saudi Aramco) has awarded in-Kingdom and out-of-Kingdom contracts to extend Worley's services for Saudi Aramco's offshore Maintain Potential Program. Under the contracts, Worley will continue to provide project management, engineering, design, fabrication and installation supervision for Saudi Aramco's portfolio of offshore projects. The term of the extension is three years and the services will be executed by Worley's Al-Khobar and Houston offices. Worley has held these contracts for the past 19 years. The extension of these contracts further grows and develops our business in Saudi Arabia and contributes to the Saudi community.

- **Thyssenkrupp Signs Contract to Install Over 2GW Electrolysis Plant for Air Products in NEOM**

Air Products announced in a statement that it has awarded thyssenkrupp Uhde Chlorine Engineers a contract to supply a more than two-gigawatt (2 GW) electrolysis plant for one of the world's largest green hydrogen projects at NEOM in Saudi Arabia. Under this contract, thyssenkrupp will engineer, procure and fabricate the plant based on their large-scale 20 megawatt (MW) alkaline water electrolysis module. Upon commissioning, the project partners — NEOM, ACWA Power and Air Products (NEOM Green Hydrogen Company) — will operate the facility, which will produce hydrogen to be synthesized into carbon-free ammonia for export exclusively by Air Products to global markets. Engineering and procurement activities have been initiated, and the start of production is scheduled for 2026.

- **31 firms submits EOI for 100km Rayis – Rabigh IWTP Project**

Saudi Water Partnership Company (SWPC) received Expressions of Interest (EOI) for the development of Rayis – Rabigh Independent Water Transmission Pipeline (IWTP) project. A total of 31 companies including 14 Saudi companies expressed their interest in the Project. Major bidders are; Abu Dhabi National Energy Company, PJSC (TAQA, China Railway Construction Corporation (International) Limited ,Gulf Investment Corporation G.S.C. (GIC) ,Power and Water Utility Company for Jubail and Yanbu (MARAFIQ),Power china International Group Limited .

- **Saudi Arabia, UAE, Kuwait to lead global 'mega' petchems projects — APICORP CEO**

Saudi Arabia, UAE and Kuwait will lead the Middle East with new “mega” petrochemicals projects after a recent slowdown, the CEO of Arab Petroleum Investments Corp, known as APICORP, told S&P Global Platts on Thursday. Most of the mega projects have ended and there is a new cycle now,

according to Ahmed Ali Attiga. "Saudi Arabia has huge plans" while "Kuwait is trying to strengthen their petrochem industry downstream," he said on the sidelines of the Gulf Petrochemicals and Chemicals Association meeting in Dubai.

- **Saudi Aramco – COUR: Jafurah: Gas Compression Plant (Package 1)**

Saudi Aramco is planning to undertake the construction of the gas compression plant as a part of the Commercialisation of Unconventional Resources Jafurah Gas Plant in Saudi Arabia. Contract Value \$800 m Award Date November 2021.

- **Al Masane Al Kobra Mining Company - Moeath Copper & Zinc Processing Plant**

Al Masane Al Kobra Mining Company (AMAK) is undertaking the construction of a Copper & Zinc processing plant in Narjan Province, Saudi Arabia. Contract Value \$640 m Award Date August 2021.

- **ACWA Power/NEOM/Air Products - NEOM Helios Green Fuels: Renewable Energy Project**

A consortium of ACWA Power, NEOM and Air Products are planning to undertake the development of a 4000MW renewable energy project as a part of NEOM Helios Green Fuels Project in Saudi Arabia. The electricity from the project is used in an electrolyzer to split the oxygen from the hydrogen in the water for ammonia plant. Award Date November 2021.

- **Air Products Qudra - Jubail Industrial Gases Hub**

Air Products Qudra (APQ), a JV of Air Products and Qudra Energy in collaboration with the Royal Commission of Jubail & Yanbu (RCJY) is undertaking the construction of fully integrated industrial gas hub in Jubail Industrial City (JIC), Saudi Arabia. Contract Value \$240 m Award Date August 2021.

- **Saudi Aramco - Three Standardized Wellhead Production Deck Modules (CRPO 68)**

Saudi Aramco is undertaking the installation of three standardized wellhead production deck modules at Marjan, Zuluf and Ribyan Fields in Saudi Arabia. Contract Value \$160 m Award Date August 2021.

- **TRSDC - Red Sea Tourism Project: Utilities Infrastructure**

The Red Sea Development Company (TRSDC) is planning to develop utilities infrastructure that will cater to the Red Sea Project in the Western Region of Saudi Arabia. Contract Value \$900 m Award Date October 2021.

- **BlackRock-led group wins \$15.5bn Saudi gas pipeline deal**

A group led by BlackRock Inc. will invest \$15.5 billion in Saudi Arabia's natural-gas pipelines as the kingdom looks to boost production of the fuel and open up more to foreign companies. Aramco, the world's biggest energy company, is also considering allowing foreign investment in its gas fields. Saudi Arabia has said it will spend around \$100 billion to increase output, including at the giant Jafurah field. That's in addition to Aramco's plan to spend billions of dollars to raise daily crude-production capacity to 13 million barrels by 2027 from 12 million.

- **42 firm submits EOI for Riyadh East and Khamis Mushait ISTP**

Saudi Arabia's Saudi Water Partnership Company (SWPC) received expression of interest (EOI) for the development of two (2) new ISTPs namely Riyadh East and Khamis Mushait ISTPs. Riyadh East ISTP will have a total ultimate treatment capacity of 100,000 m3/day and will be located in the city of Riyadh in Riyadh Province, Saudi Arabia. Khamis Mushait ISTP will have a total ultimate treatment capacity of 50,000 m3/day and will be located in the city of Khamis Mushait in Asir Province, in southwestern Saudi Arabia. The successful bidder will be awarded the Bundled ISTPs but each Project shall be implemented by a separate project company, which will be incorporated by the successful bidder following award of the Bundled ISTPs.

- **32 firms submits EOI for 603km Jubail – Buraydah Independent Water Transmission Pipeline**

Saudi Water Partnership Company (SWPC) received Expressions of Interest (EOI) for the development of Jubail – Buraydah Independent Water Transmission Pipeline (IWTP) project. The project involves the construction of water transmission pipeline of capacity up to 650,000 cubic meters per day, and lengths of 603km. As per the notification, SWPC will conduct a competitive process to select a developer or developer consortium to develop the Project on a Build, Own, Operate and Transfer (BOOT) basis. The project company developing the Project will provide the entire transmission capacity to SWPC under a Water Transmission Agreement (WTA). The term of the WTA is expected to be up to 35 years. SWPC’s obligations under the WTA will be supported by a credit support agreement entered into by the Ministry of Finance on behalf of the Government of the Kingdom of Saudi Arabia.

- **1392km Riyadh – Qassim Independent Water Transmission Pipeline EOI received**

Saudi Water Partnership Company (SWPC) received Expressions of Interest (EOI) for the development of Riyadh – Qassim Independent Water Transmission Pipeline (IWTP) project. The project involves the construction of water transmission pipeline of capacity up to 685,000 cubic meters per day, and lengths of 1,392km. As per the notification, SWPC will conduct a competitive process to select a developer or developer consortium to develop the Project on a Build, Own, Operate and Transfer (BOOT) basis. The project company developing the Project will provide the entire transmission capacity to SWPC under a Water Transmission Agreement (WTA). The term of the WTA is expected to be up to 35 years. SWPC’s obligations under the WTA will be supported by a credit support agreement entered into by the Ministry of Finance on behalf of the Government of the Kingdom of Saudi Arabia.

- **39 firms submits EOI for Al Haer Independent Sewage Treatment Plant**

Saudi Water Partnership Company (SWPC) received expression of interest (EOI) for the development of a new ISTP, Al Haer Independent Sewage Treatment Plant. Al Haer ISTP will have a total ultimate treatment capacity of 200,000 m3/day. It will be located in the city of Riyadh in Riyadh Province, Saudi Arabia. SWPC earlier announced that it will conduct a competitive process to select a developer or developer consortium for the development, financing, engineering, procurement, construction, implementation, ownership, operation, maintenance and transfer of the Project, together with associated infrastructure and facilities.

- **Alkhorayef wins Saudi utility maintenance contract**

Saudi-based Alkhorayef Water and Power Technologies Company said it has secured a SR34 million (\$9.05 million) maintenance contract from the Ministry of Environment Water and Agriculture for the Qassim region in the kingdom. Under the three-year contract, Alkhorayef Water and Power Technologies Company will be responsible for all the operations and maintenance works related to the Uglat Alsugoor and Dariyah and the villages and centres of Qassim region, said the company in its filing to Saudi bourse Tadawul.

- **Saudi Aramco - Unconventional Gas Program - Jafurah Gas Terminal - Cogeneration Independent Steam and Power Plant (ISPP)**

Saudi Aramco plans to develop a cogeneration power and steam plant at the Jafurah gas development. The Jafurah gas development is part of Aramco's \$3.2 billion unconventional resources program, which aims to develop shale gas in three areas. Jafurah lies southeast of Ghawar, the world's largest conventional oil field.

- **SWCC - Tanks Water Transmission System in Jubail**

Saline Water Conversion Corporation (SWCC) has undertaken the construction of a water transmission system in Al Jubail, Saudi Arabia. It includes Installation of a 38km pipeline network with a diameter of 1100mm, Installation of booster pump, Installation of speed drive pumps, Construction of a pump head, Construction of associated facilities. Contract Value \$80 m Award Date August 2021.

IRAQ	<ul style="list-style-type: none"> <li>• <b><u>Harlow International - Al-Khayrat Thermal Power Station</u></b> The client is planning to build Al-Khayrat Thermal Power Station. The station is located to the south east of Karbala, 32 kilometers away from the center of the Karbala governorate and It is 100 kilometers to the southwest of Baghdad with an area of 400 acres. The project capacity is 1400 megawatts. The station operates on crude and fuel oil. The station units are connected to the extra high voltage grid though 400 KV. It will provide electric power to the area of middle Euphrates.</li> <li>• <b><u>IDC starts Drilling in Mishrif Reservoir</u></b> The Iraqi Drilling Company (IDC) has started drilling a well "Ammara 19" at Missan Oil Company (MOC)'s Amara field, within the Mishrif reservoir. IDC's Director General, Bassim Abdul Kareem, said the drilling operations were carried out using the 2000-HP drilling rig "IDC 23". The planned depth of the well is 3,290 meters.</li> </ul>
JORDAN	<ul style="list-style-type: none"> <li>• <b><u>MWI - Aqaba-Amman Water Desalination and Conveyance (AAWDCP)</u></b> As of June 2021, the first phase will involve the construction of 280,000 cubic metres a day (cm/d) of capacity for desalination and 80,000 cm/d of ground water. The second phase will consist of raising the plant's overall production to 600,000 cm/d. The US\$200 million project includes the Phase 1 Construction of a seawater desalination plant of capacity 150 mcm/yr, Construction of regulating tanks, Construction of seawater intake pump station.</li> </ul>
LEBANON	<ul style="list-style-type: none"> <li>• <b><u>Ministry of Energy and Water - Zahrani 650 MW Power Plant</u></b> The project calls for the development of a new 650-megawatt (MW) power plant located in Deir Zahrani, Nabatieh. The new facility will be built under an Independent Power Production (IPP) scheme and is part of the Ministry of Energy and Water (MEW)'s plan to enhance electricity production in the country through the creation of new power plants in 2019-2025.</li> </ul>

**Mailing address is:**

[info@gerabgroup.com](mailto:info@gerabgroup.com)

**Gerab National Enterprises L.L.C.**

PO Box 17719, Jebel Ali Free Zone

Dubai, United Arab Emirates

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