

GERAB

BULLETIN

Vol: 6



- 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.
- The Gerab Bulletin is 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

- Crude oil Brent prices and Crude oil WTI prices are up by 17% 3MTD and 19% 3MTD respectively.
- Steel HRC (FOB China) and Steel HRC (North America) prices are down by 22% YTD and 10% YTD respectively. Steel rebar prices are also down by 11% YTD.
- Natural gas prices are in uptrend and trading higher by 174% than a year ago prices. Nickel prices are still higher by 58% than a year ago prices.

| COMMODITY | UOM | Latest Price | WTD % | MTD % | 3MTD % | 6MTD % | YTD % |
|-----------------------|---------|--------------|-------|--------|--------|--------|--------|
| Chromium | USD/MT | 11,027.88 | 2.01 | -4.71 | 7.69 | -4.91 | 30.96 |
| Coal | USD/MT | 424.03 | -1.45 | 25.85 | 63.00 | 147.65 | 283.71 |
| Cobalt | USD/MT | 86,905.41 | -0.53 | 0.32 | 14.17 | 37.00 | 96.40 |
| Copper | USD/MT | 9,326.29 | 2.03 | -8.31 | -5.68 | -2.81 | -2.15 |
| Crude Oil | USD/BBL | 109.94 | -0.79 | 5.77 | 17.78 | 38.20 | 64.69 |
| Crude Oil Brent | USD/BBL | 110.62 | 2.31 | 4.23 | 17.04 | 37.69 | 62.23 |
| Crude Oil WTI | USD/BBL | 109.27 | -2.44 | 7.37 | 18.53 | 39.43 | 67.24 |
| Iron Ore | USD/MT | 134.78 | 0.53 | -13.55 | -6.60 | 42.74 | -34.05 |
| Molybdenum | USD/MT | 41,854.05 | -1.63 | -1.36 | -0.13 | -0.31 | 49.45 |
| Natural Gas | USD/MCF | 8.40 | 3.59 | 19.73 | 78.14 | 56.67 | 173.56 |
| Nickel | USD/MT | 27,775.07 | 0.83 | -16.24 | 18.14 | 39.90 | 58.15 |
| Steel HRC (FOB China) | USD/MT | 759.36 | -0.54 | -10.69 | -4.77 | -4.82 | -22.38 |

| | | | | | | | |
|------------------------|--------|----------|-------|--------|-------|--------|--------|
| Steel HRC (N. America) | USD/MT | 1,517.05 | -3.94 | -7.06 | 19.34 | -24.43 | -9.97 |
| Steel Rebar | USD/MT | 812.83 | -4.38 | -6.58 | -2.82 | 7.48 | -10.88 |
| Steel Scrap | USD/MT | 478.11 | 0.00 | -20.34 | -5.48 | 0.65 | -7.35 |

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 | 16,86,064.00 | -0.31 | -0.61 | -2.83 | -7.60 | -11.52 |

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 | 1.0697 | 1.10 | 0.49 | -5.09 | -5.39 | -12.25 |
| USDCNY | 1 USD to CNY | China | CNY | 6.7262 | -0.02 | -2.10 | -6.62 | -5.16 | -5.34 |

Source- Trading Economics

Source- Trading Economics / Wall Street Journal / CNBC

| STOCK PRICES | | | | | | | | |
|---------------------------|--------------|-------|------|-------|-------|-------|-------|--|
| Name | Latest Value | Units | WTD% | MTD% | 3MTD% | 6MTD% | YTD% | |
| ArcelorMittal SA | 30.30 | USD | 5.80 | 7.91 | -0.95 | 8.72 | -2.42 | |
| Glencore PLC | 528.00 | GBP | 6.03 | 13.60 | 20.23 | 50.00 | 71.71 | |
| NYSE American Steel Index | 1,783.33 | Index | 5.65 | 0.22 | 1.62 | 19.58 | 1.36 | |
| Rio Tinto PLC | 5,636.00 | GBP | 5.40 | 3.36 | -0.55 | 24.07 | -4.70 | |
| Tenaris SA | 32.88 | USD | 2.49 | 11.31 | 23.70 | 60.39 | 46.13 | |
| Tubacex SA | 2.40 | EUR | 2.13 | 31.15 | 39.53 | 51.90 | 41.51 | |

INTERNATIONAL RIG COUNTS

- Rig counts in UAE is in uptrend and have gone up by 21% MTD. Rig count in Europe has been in downtrend over last six months and has declined by 27% MTD.

| ACTIVE RIG COUNTS BY REGION | | | | | | |
|-----------------------------|--------------|-------|--------|--------|--------|--------|
| Region | Latest Count | WTD % | MTD % | 3MTD % | 6MTD % | YTD % |
| United Arab Emirates | 41.00 | * | 20.59 | -2.38 | 7.89 | -6.82 |
| GCC | 202.00 | * | 8.02 | 6.88 | 12.85 | 8.60 |
| Middle East | 303.00 | * | 5.57 | 7.45 | 12.64 | 16.54 |
| Africa | 81.00 | * | 8.00 | 0.00 | 14.08 | 50.00 |
| Asia-Pacific | 175.00 | * | -2.23 | -2.78 | -0.57 | 10.76 |
| Europe | 69.00 | * | -26.60 | -34.29 | -29.59 | -17.86 |
| Latin America | 159.00 | * | 4.61 | 1.27 | 14.39 | 28.23 |
| North America | 794.00 | 0.00 | -1.73 | -3.99 | 11.83 | 62.37 |

| | | | | | | |
|-------|----------|---|-------|-------|------|-------|
| Total | 1,581.00 | * | -0.88 | -3.13 | 8.07 | 35.24 |
|-------|----------|---|-------|-------|------|-------|

Source- Baker Hughes

(*) No weekly data available for those particular regions

PROJECTS

| | |
|-----|--|
| UAE | <ul style="list-style-type: none"> <u>TA'ZIZ and Reliance Sign Shareholder Agreement for Ruwais Chemicals Project</u> Abu Dhabi Chemicals Derivatives Company RSC Ltd (TA'ZIZ) and Reliance Industries Limited (RIL), have signed the formal Shareholder Agreement for the TA'ZIZ EDC & PVC project. Reliance is India's largest diversified conglomerate and a strategic partner with Abu Dhabi National Oil Company (ADNOC) and ADQ, an Abu Dhabi-based investment and holding company, in TA'ZIZ EDC & PVC, a world-scale chemicals development at the TA'ZIZ Industrial Chemicals Zone in Ruwais. The TA'ZIZ EDC & PVC joint venture will construct and operate a Chlor-Alkali, Ethylene Dichloride (EDC) and Polyvinyl Chloride (PVC) production facility, with a total investment of over \$2 billion (AED 7.34 billion). These chemicals will be produced in the UAE for the first time, unlocking new revenue streams and opportunities for local manufacturers to "Make it in the Emirates." The TA'ZIZ EDC & PVC project is making solid progress towards the detailed design phase in advance of the Final Investment Decision (FID) which is expected to be taken later this year. 26th April 2022 <u>ADNOC Offshore - Umm Shaif Field Long-Term Development Plan</u> ADNOC Offshore is planning to expand the Umm Shaif Offshore Oilfield in the northwest of Abu Dhabi. The project is part of the Abu Dhabi energy major's strategic objective to achieve 4 million BPD of overall oil output spare capacity by 2020-end, and 5 million BPD by the end of 2030. The project is the expansion of oilfield production by 85,000 barrels per day (BPD). It will be implemented in two phases. The project scope includes 1. Construction of three new wellhead towers, 2. Construction of one riser platform, 3. Construction of new alpha towers, 4. Construction of other associated infrastructure, 5. Installation of multiple pipeline segments, 6. De-bottlenecking of the existing pipeline network, 7. Installation of water injection facilities, 8. Improvement works for 30 wells on existing wellhead towers. Estimated Budget Value \$3,200m Award Date January 2022 20th April 2022 <u>EWEC - Al Mirfa Second IWP</u> Emirates Water and Electricity Company (EWEC) through its subsidiary Emirates Water & Electricity Company (EWEC) is planning to build an independent water project in Al Mirfa, Abu Dhabi, the UAE. The proposed seawater reverse osmosis desalination plant is expected to cater to the farms in Liwa. The project includes 1. Construction of 80 million imperial gallons a day (MIGD) water desalination plant, 2. Construction of storage tanks, 3. Construction of seawater intake system, 4. Installation of pumping stations, 5. Installation of metering stations, 6. Laying of pipelines, 7. Associated facilities. Award Date July 2022. 2nd May 2022 <u>Lamprell secures jackup upgrade contract</u> UAE-based fabricator Lamprell is engaged with an international rig operator for major upgrade work on three jackup drilling rigs in readiness for their deployment in the Gulf region. The first of the rigs will arrive at Lamprell's Hamriyah quayside this month and work will begin immediately. The second and third rigs will follow later. The scopes of work involved represent a small contract for the business, valued below \$50m Christopher McDonald, CEO of Lamprell, said: "Our rig refurbishment activities are a mainstay for our oil & gas business unit; having an excellent reputation for delivery. Over the last twelve months we have seen increasing demand in this business segment evidenced through the awards of drilling contracts by regional operators. The entire team looks forward to delivering the upgrades safely and on time for our client. 10th May 2022 <u>UAE and Greece ink deal worth \$4.2 billion focusing on gas, clean energy</u> |
|-----|--|

The United Arab Emirates and Greece have signed multiple deals for up to \$4.2 billion-worth of investment initiatives in the European nation, including supplying liquefied natural gas cargoes to the European nation, decarbonising energy markets in Greece and renewables development on an eco-friendly island. While focusing on the energy sector, the memoranda of understanding signed between the two nations also involve multiple sectors involving the Greek economy. One key element is the strategic framework agreement between state-owned players Abu Dhabi National Oil Company (Adnoc) and Motor Oil of Greece “to explore opportunities to supply LNG cargoes to Greece, including Dioriga Gas’s upcoming LNG floating storage and regasification unit”, Abu Dhabi’s official news agency WAM reported on Monday. Other key deals between the two nations include agreements signed by Abu Dhabi Future Energy Company (Masdar), an MoU with the Greek Government on eco-island renewables deployment and a separate deal to establish a joint venture with local partner Kyoto to develop onshore renewables energy projects in Greece, the report said.

10th May 2022

Adnoc awards key engineering contract for huge Fujairah LNG terminal

- Abu Dhabi National Oil Company (Adnoc) has awarded a front-end engineering and design contract to McDermott International of the US for work on a huge liquefied natural gas export terminal in the United Arab Emirates. The project comprising two 4.8 million tonnes per annum LNG trains is expected to increase Adnoc’s LNG production capacity by 9.6 million tpa, it noted. Adnoc said the plant is “set to become one of the world’s lowest carbon intensity LNG production facilities through incorporating new technologies and running on clean power”. The FEED award is “expected to be followed by the award of an EPC contract in 2023”, the company added. **12th May 2022**

- **McDermott awarded LNG plant Design Contract in UAE**

Abu Dhabi National Oil Company (ADNOC), UAE announced in a statement that its new, carbon-efficient LNG plant in Fujairah is moving to the design stage, with McDermott International, Ltd appointed as the design contractor. The project comprising two 4.8 million tons per annum (Mtpa) LNG trains is expected to increase ADNOC’s LNG production capacity by 9.6 Mtpa, in order to respond to the growing global demand for natural gas. The plant is also set to become one of the world’s lowest carbon intensity LNG production facilities through incorporating new technologies and running on clean power. The design stage is expected to be followed by the award of an EPC contract in 2023. **12th May 2022**

- **Adnoc Kicks Off Phased Development Of Offshore Sour Gas Megaproject**

Emirati giant is likely to offer up to three EPC packages for the first phase of its multi-billion Hail & Ghasha development. Abu Dhabi National Oil Company (Adnoc) has launched a phased development of its giant Hail & Ghasha sour gas development, which aims to significantly boost the emirate’s gas production capacity by end of this decade. Multiple people familiar with the development told Upstream that the Abu Dhabi state-owned giant recently initiated a pre-qualification process for shortlisting leading domestic and international contractors to participate in the first development phase of its much-delayed sour gas project. Adnoc has floated expressions of interest, aimed at prequalifying leading engineering, procurement and construction (EPC) contenders. **15th May 2022**

- **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 project includes 1. Construction of two seawater nanofiltration plants (954679m³/d). 2. Construction of pumping stations. 3. Laying of transmission pipelines (approximately 450km). 4. Development of a centralized pumping station. 5. Development of in-field distribution network to disseminate treated water to water injection wells. 6. Construction of seawater intake and outfall. Award Date September 2022. **17th May 2022**

- **Sharjah invite EOI for the 90 MIGD Hamriyah Independent Water Plant**

Sharjah Electricity, Water and Gas Authority (SEWA), UAE announces the commencement of a competitive tender process to select a developer or developer consortium for the development, financing, engineering, procurement, construction, implementation, ownership, operation, maintenance of the 90 MIGD Hamriyah Independent Water Plant. The selected developer would incorporate a project company to develop the Project with SEWA likely to invest into the project company as well. The water produced by the Project will be purchased by SEWA under a long term Water Purchase Agreement (WPA). Interested parties should express their interest to participate in the tender process no later than 02 nd June 2022 by submitting their EOI. Upon receipt of the EOI, SEWA will duly register the interest expressed for further consideration. **17th May 2022**

- **Kuwait PIC to Issue Major Tenders in Next Few Months**

State-owned Kuwait Petrochemical Industries Company (PIC) intends to issue 31 tenders in the next few months, including one for a feasibility study for a new chemicals project. The new tenders will be issued until September and cover consultancy services, equipment supply and other services, a report said. It quoted PIC sources as saying the projects are part of the company's expansion plans, which run parallel with Kuwait's hydrocarbon development programme. This tender will be issued between May and June and it involves appointment of a consultant for a feasibility study for a new chemicals project in Kuwait," it said. **-4th May 2022**

- **5 firms to bid for Kuwait petrochemical project feasibility study**

Bids to be submitted on May 17. OPEC member Kuwait has invited five Western companies to bid for preparing a feasibility study for a petrochemical project in the Gulf emirate. The state-owned Petrochemical Industries Company (PIC) has asked the firms to submit their bids on May 17 and invited them for a meeting on May 9 to brief them on the project, according to the Arabic language daily Alanba. The companies are Advisian and Wood Group of the UK, Technip of France and the US Bechtel and Fluor companies, the paper said. The paper said the project involves the construction of a fourth Olefins plant on the site which housed a fertilizers factory that has been sold by PIC. The new plant will produce basic petrochemicals products such as Polyethylene, ethylene glycol and ethanolamine, the report added. **- 4th May 2022**

- **Kuwait set to award oil pump contracts**

OPEC member Kuwait will soon award contracts for the supply of more than 1,000 oil well pumps within ongoing plans to expand its crude output capacity, a local newspaper reported on Tuesday. The US Schlumberger and Weatherford companies are vying for the deals along with Spetco International Petroleum, the Contracting and Marine Services and HOT Engineering & Construction companies of Kuwait, the Arabic language daily Alanba said. Schlumberger has submitted a bid of around 129.8 million Kuwaiti dinars (\$428.3 million) while Weatherford's bid is worth nearly 136.5 million dinars (\$450.45 million), it said. The bid submitted by Spetco is worth nearly 117.2 million dinars (\$386.7 million), while the Contracting and Marine Services, and HOT submitted bids with a value of 117.7 million (\$388.4 million) and 146.5 million dinars (483.4 million) respectively. **10th May 2022**

- **KOC - Installation of Flowlines & Associated Works for Wells in West Kuwait Area**

Kuwait Oil Company (KOC) is planning to construct the flowlines and associated works for wells in Kuwait. The project includes 1. Construction of 5 injection wells, 1 source well, 19 brackish water wells.2. Laying of pipeline.3. Installation of wellhead hook-ups.4. Installation of hot tapping.5. Installation of cathodic protection system Award Date July 2022. **10th May 2022**

- **KE Basra's Basra Gas Processing Project**

KUWAIT

Kuwait Energy Basra Limited (KE Basra) has awarded a contract worth \$412 million for a 130 million standard cubic feet per day natural gas processing facility in Basra, to Chinese consortium. KE Basra an indirect wholly-owned subsidiary of UEG - has entered into the engineering, procurement, construction (EPC) contract with a consortium consisting of China CAMC Engineering Co. (CAMCE) and CNOOC Petrochemical Engineering. The gas processing facility is for the Block 9 area operated by Kuwait Energy. The contract duration is 30 months. **25th April 2022**

- **CGC Kuwait submits lowest bid of \$76.5m for Oil Flow Lines Contract**

Combined Group Contracting (CGC), Kuwait announces in a statement that it has submitted lowest bid for oil flow lines project issued from Kuwait Oil Company (KOC). The company states that the works includes construction of flow lines and associated works in Umm Niqa And South Ratqa in the State of Kuwait. CGC submits the price as KWD 23.5 million. (USD 76.5 million) The duration of the Project is five years. Read Also: Kuwait awards \$88.5m Al-Mutlaa Earthworks project. **10th May 2022**

- **MEW - 900MW Sabiya Power and Desalination Plant: Phase 4**

Ministry of Electricity and Water is planning to construct Sabiya Combined Cycle Gas Turbine Phase 4 of the 900MW Sabiya Power and Desalination Plant in Kuwait. The project includes 1. Construction of gas turbines.2. Construction of hydrogen-cooled generators.3. Construction of steam turbine.4. Construction of fuel gas conditioning systems.5. Construction of horizontal-type HRSG having triple pressure reheat, natural circulation with combined deaerator.6. Construction of an SGen5-2000H steam turbine generator.7. Construction of 26 bays of gas-insulated switchgear.8. Construction of a powerhouse. Award Date August 2022. **17th May 2022**

BAHRAIN

- **Mitsubishi Consortium Wins Bahrain's Alba CCGT Power Block Contract**

As per the terms of the contract, Mitsubishi Power & Sepco III consortium will be responsible for the design, engineering, procurement, construction and commissioning of a 680.9 MW combined cycle gas turbine (CCGT) power block. Aluminium Bahrain (Alba), the world's largest aluminium smelter ex-China, has announced that a consortium of Sepco III and Mitsubishi Power, a power solution brand of Mitsubishi Heavy Industries (MHI), has been awarded a full turnkey contract for a fourth additional block at the Power Station 5 within its premises. As per the terms of the contract, Mitsubishi Power & Sepco III consortium will be responsible for the design, engineering, procurement, construction and commissioning of a 680.9 MW combined cycle gas turbine (CCGT) power block. For the project, the Japanese group will supply a combined cycle power plant, which comprises M701JAC gas turbine, an air-cooled version of J-series gas turbines and a steam turbine. The commercial operations on the project will begin in Q4 2024. **17th May 2022**

- **MOW - Sewerage Network in Sitra Area 604**

Bahrain Ministry of Works, Municipalities Affairs, and Urban Planning (MoW) is planning to develop the sewerage networks in Sitra Area 604, Bahrain. The project aims to provide the sewer connection to 286 properties in Block number 604. The project includes 1. Construction of a new uPVC sewer main pipeline of 200mm, 250mm, 300mm, and GRB pipe of 400 mm diameter for a total length of 3,916m, 727m, 280m and 614m respectively.2. Construction of a sewer lateral pipeline of 150mm diameter for a total length of 2,616m.3. Construction of Type "E", Type "F" and Type "H" manholes for a total number of 33, 50, and 74 numbers respectively associated with heavy-duty and medium covers and asphalt reinstatement works.4. Civil works.5. Construction of associated facilities. **13th May 2022**

OMAN

- **\$1.4bln Waste-to-Hydrogen project planned in Oman**

A first-ever Waste-to-Hydrogen project is proposed to be established in the Sultanate of Oman with an investment of around \$1.4 billion. A Memorandum of Understanding (MoU) has been signed to

this effect by H2-Industries Inc, a US-headquartered global hydrogen generation and energy storage solutions company, with the Public Establishment for Industrial Estates (Madayn). In a statement issued on Wednesday, the US developer said the proposed facility will be established on a 200,000 sq metre plot at an unspecified location on the Omani coast. Will seek to process around 1 million tonnes of municipal solid waste to produce an estimated 67,000 tonnes of green hydrogen, alongside 1 million tonnes of commercially valuable carbon dioxide, with a combined export value of around \$268 million annually. Feedstock sourced from waste management operators and also mined from existing landfills can also potentially support a ramp-up of processing capacity to 4 million tonnes of municipal waste per annum in future expansions, H2-Industries pointed out. Significantly, energy for the project will come from a 300 MW capacity solar PV plant, which includes a 70 MW capacity power storage facility, to be constructed as part of the overall project. - **22nd April 2022**

- **Daleel Petroleum Company - Crude Storage Tank**

Daleel Petroleum Company (DPC) is planning to undertake the construction of a new crude storage tank at Block 5, in Al Dhahirah, Muscat, Oman. The project includes 1. Construction of two storage tanks with a capacity of 50,000 barrels each. 2. Laying of piping. 3. Construction of pump house. 4. Installation of the filtration system. 5. Installation of safety and security systems. 6. Construction of associated facilities. Award Date August 2022. **10th May 2022**

- **OQ - New Methanol Export Line and Installation of Methanol Loading Arms**

OQ SAOC (OQ) is planning to undertake the development of a methanol export line and liquid jetty facilities in Muscat, Oman. The project scope includes 1. Construction of a methanol export line and liquid jetty. 2. Installation of three marine loading arms. 3. Engineering, procurement, and installation of Piping such 30" pipeline from methanol plant to jetty, firefighting lines, drain lines, Tie-ins Award Date June 2022. **10th May 2022**

- **Development of proposed greenfield Omani refinery continues**

Privately owned Ras Madrasah Petroleum Industry Co. LLC (RMPIC) and Chinese state-owned Yanchang Petroleum International Ltd. (aka Shaanxi Yanchang Petroleum Group Corp. Ltd.) have, through a consultant, completed the bankable feasibility study for their previously announced plan to develop a 200,000-b/d grassroots refinery to be built on 800 hectares of land in the Duqm Special Economic Zone (SEZAD) at the Port of Duqm, on Oman's eastern coast. To date, project proponents have disclosed no explanations for the subsequent delay to the refinery's development plan. If completed, the RMPIC-owned refinery—which will be jointly operated by BPEC and Yanchang Petroleum—would become the region's second, to be preceded by startup in 2023 of the long-planned 230,000-b/d integrated refining complex under construction in the Duqm SEZAD by OQ8 (formerly Duqm Refinery & Petrochemical Industries Co. LLC)—a joint venture of state-owned OQ SAOC (OQ) and Kuwait Petroleum Corp. subsidiary Kuwait Petroleum International Ltd. **10th May 2022**

- **Haya Water - Al Amerat Waste Water Project: Amerat STP: Phase 2 Expansion**

Oman Wastewater Services Company (Haya Water) is undertaking the construction of Al Amerat STP Phase II Expansion in Muscat, Oman. The project will be divided into 2 phases, one for Al Amerat and the other for Al Hajir. Haya Water is planning to expand the existing plant by 9,000 cubic meters per day. The current profile includes the construction of Al Amerat STP Phase II Expansion with a capacity of 9,000 m³ /d (Total of 37,000 m³ /d). The project includes 1. Construction of sludge storage tanks. 2. Construction of aeration tanks. 3. Construction of effluent dosing tanks. 4. Installation of TE discharge pipeline from Al Amerat STP to Wadi Al Janhi. a. Construction of outfall structure. b. Construction of TE filling station along the TE line Award Date May 2022. **13th May 2022**

QATAR

- **SeAH Steel awarded \$143m Supply of Pipes Contract in Qatar**
SeAH Steel, South Korea announced in a statement that it has recently awarded a contract to supply STS pipes for the Qatar North Field East (NFE) LNG Project. The Contract was awarded by main EPC, Samsung C&T Corporation. The value of the contract is \$143 million. When completed, the NFE Project will increase the State of Qatar's LNG production capacity from 77 million to 110 tons per annum (MTPA). The second phase of the planned LNG expansion, the North Field South (NFS) Project, will further increase Qatar's LNG production capacity from 110 MTPA to 126 MTPA by 2027. We are proud to announce that this is the largest supply contract in the world on a single project basis, statement mentioned. - **26th April 2022**
- **QatarEnergy awards prized North Field expansion contract**
Contract involves Package 4 of giant LNG expansion scheme. QatarEnergy has awarded a sizeable onshore engineering, procurement, and construction contract to a consortium of Spain's Tecnicas Reunidas and China's Wison Engineering for work on the first phase of its giant North Field expansion project. The Qatari state giant confirmed the development on Thursday and said the award marks "the final major milestone to deliver its North Field East (NFE) liquefied natural gas expansion project to boost Qatar's LNG production capacity to 110 million tonnes per annum".-**28th April 2022**
- **Tecnicas Reunidas and Wison Eng. awarded \$600m Contract in Qatar**
Tecnicas Reunidas, Spain announced in a statement that, QatarEnergy has awarded the "NFXP Sulfur Project" (NFXP) contract to a joint venture formed by Tecnicas Reunidas (70%) and the Chinese company Wison Engineering Ltd. (30%). The value of the contract is more than 600 million dollars (USD). The purpose of the contract, of the EPC (engineering, procurement and construction) type, is the expansion of the Ras Laffan Industrial City (RLIC) sulfur treatment, storage and loading facilities. This new contract is added to a previous one that was awarded to Técnicas Reunidas 9 months ago, also within the "North Field Expansion Project" in which it is integrated. The estimated duration of the execution of the project is 48 months, with a peak of around 415 engineers, of which more than 70% will come from Técnicas Reunidas, statement mentioned.-**2nd May 2022**
- **MMA Awarded Integrated Vessel And Subsea Services Contract in Qatar**
MMA Offshore announced that it has been awarded a significant integrated vessel and subsea services contract to provide offshore construction support services in Qatar. The multi-purpose support vessel MMA Pinnacle will be deployed to Qatar to provide a range of subsea services in support of a tier-one contractor working on a pipeline installation campaign. The campaign is due to commence in early June 2022 and is expected to continue until December 2022. Revenue from the project is estimated to be in the order of US\$16.5m (approx. A\$23 million) for the firm contract period. **11th May 2022**
- **Qatar Energy - Ras Laffan Petrochemical Complex**
Qatar Energy (QE) is planning the construction of a petrochemical complex in Ras Laffan Industrial City, Qatar. The project consists of two major packages. Package 1 includes the ethane cracker and Package 2 includes the polyethylene derivative units. The ethane cracker package is estimated to be worth about US\$3,000 million to US\$3,500 million and the other package is estimated to be worth around US\$1,500 million. The petrochemicals complex will feature the world's largest ethane cracker and have a capacity to produce 2 million t/y of ethylene, according to a statement issued by the project partners at the time. The project will utilize feedstock which will include ethane produced primarily from the new North Field LNG expansion project that will produce an additional 23 MTPA of LNG, with existing gas projects producing ethane. Award Date October 2022. **11th May 2022**

SAUDI ARABIA

- **20 Companies Prequalified for Riyadh-Qassim Independent Water Transmission Pipeline (IWTP) Project.**
The Saudi Water Partnership Company (SWPC) has prequalified 20 out of a total of 31 developer/developer consortiums for the 1,392-kilometer Riyadh-Qassim independent Water Transmission Pipeline (IWTP) Project that is expected to be completed and fully operational by the third quarter of 2025. Delivering the news SWPC said that some of the shortlisted companies include top international players such as Cobra Instalaciones y Servicios, Marubeni Corporation, Sicim, CNIC Corporation, Gezhouba Group Overseas Investment Company, Harbour Engineering Company, Railway Construction Corporation, and State Construction Engineering Corporation and Norinco just to mention a few. -22nd April 2022
- **Alkhorayef awarded \$494.7m Contracts in Eastern Province**
Alkhorayef Water and Power Technologies Co. Announces Contract award (receipt of decision of award) of four (4) contracts Water Quality Improvement Projects in Eastern Region with Ministry of Environment, Water and Agriculture – General Directorate of Water Services in the Eastern Province of Saudi Arabia. The total contract values are SAR 1.8 billion. The contracts portfolio consists of the following projects:
Dammam Water Improvement Project – (2) – North Strategic & Distribution Networks & Reservoirs – Contract value is SR. 504.8 million and contract period is 24 months.
Dammam Water Improvement Project – (5) – South-East Strategic & Distribution Networks & Reservoirs – Contract value is SR. 592.2 million and contract period is 30 months.
Khobar Water Improvement Project -(2) – North-South Strategic & Distribution Networks & Reservoirs – Contract value is SR. 499.3 million and contract period is 30 months.
Qatif Water Improvement Project – (1) – South-East Strategic & Distribution Networks & Reservoirs – Contract value is SR. 258.7 million and contract period is 30 months.
Alkhorayef Water and Power Technologies Co. will perform the Execution of Water Quality Improvement Projects in Eastern Region which includes Engineering, Procurement and construction of strategic transmission lines and distribution networks, Pumping stations and strategic reservoirs. These projects locations is in Dammam, Khobar, and Qatif cities with construction duration ranging between 24 to 30 months, statement mentioned. -21st April 2022
- **NWC awards \$427m New Water Projects in Jeddah**
The National Water Company (NWC), Saudi Arabia announced awarding 15 new contracts, to implement projects that support the infrastructure of its water system in Jeddah Governorate, at a cost of more than 1.6 billion Saudi Riyals. The company said that the new contracts included implementation of seven projects at a cost of more than 1.3 billion Saudi Riyals, including main and transmission lines of lengths exceeding 154 km, in various diameters, over a period of 24 to 36 months. The company indicated that the other eight contracts, which cost about 339 million Saudi Riyals, include the implementation of water sub-networks of lengths exceeding 704 kilometers, to serve the districts of: Zomorrod Plot north of Abhor, Lolou plot north of Abhor, and parts of Al-Khumriyah district north of Garnioyah, south of Jeddah, Al-Yaqout plot north of Sharm Abhor, the Alajaweed plot, the plot between Al-Ajaweed and Prince Fawaz 1.2, and the Al-Qarniya district, and Al-Fadhila plot. NWC added that these contracts would have the effect of increasing the coverage of water services in the targeted districts. -20th April 2022
- **Saudi Aramco - ZOFD: Offshore: Water Injection Facilities (CRPO 81)**
Saudi Aramco is planning to construct water injection facilities in the Zuluf Field in Saudi Arabia. 1. Installation of nine water injection production deck modules (PDMs), 2. Installation of a water tie-in platform and jacket, 3. Installation of seven subsea valve skids, 4. Laying of seven flexible pipelines, 5. Laying of three rigid pipelines, 6. Laying of seven umbilical pipelines, 7. Laying of a 15 KV cable, 8. Replacement of Unsafe control gears at the Zuluf GOSPs 1, 2, 3 and 4, 9. Construction of associated facilities Estimated Budget Value \$800m. - 21st April 2022

- **Saudi Arabia kicks off tender for giant offshore facilities... for an oil theme park!**
Idea for offshore oil theme park has grown in scale and could even include new build facilities. Saudi Arabia's Public Investment Fund (PIF) has kicked off a tender process for building multiple offshore platforms and amusement facilities for its multi-billion-dollar oil theme park to be located near Juraid Island and the Berri oilfield. **3rd May 2022**
- **NWC Awards Contract Worth \$427mn for New Water Projects in Jeddah**
The National Water Company (NWC), Saudi Arabia has announced awarding 15 new contracts, to implement projects that support the infrastructure of its water system in Jeddah Governorate, at a cost of more than 1.6 billion Saudi Riyals. The company said that the new contracts included implementation of seven projects at a cost of more than 1.3 billion Saudi Riyals, including main and transmission lines of lengths exceeding 154 km, in various diameters, over a period of 24 to 36 months. The company indicated that the other eight contracts, which cost about 339 million Saudi Riyals, include the implementation of water sub-networks of lengths exceeding 704 kilometers, to serve the districts of: Zomorrod Plot north of Abhor, Lolou plot north of Abhor, and parts of Al-Khumriyah district north of Garnioyah, south of Jeddah, Al-Yaqout plot north of Sharm Abhor, the Alajaweed plot, the plot between Al-Ajaweed and Prince Fawaz 1.2, and the Al-Qarniya district, and Al-Fadhila plot. **2nd May 2022**
- **Saudi Arabia announces \$6bn investments in steel complex, EV metals plant**
Saudi Arabia's Ministry of Industry and Mineral Resources said it has secured \$6 billion for a steel plate mill complex and electric vehicle battery metals plant as part of plans to lure \$32 billion of investment into the mining sector. The ministry's target would fund nine mining projects for midstream minerals and metals, said Industry and Mineral Resources Minister, according to a statement. The nine projects include a \$4 billion steel plate mill complex for the shipbuilding, oil and gas, construction and defence sectors and a "green" flat steel complex that will supply the automotive, food packaging, machinery and equipment, and other industrial sectors. Both projects are already underway, as is a \$2 billion EV battery metals plant. **7th May 2022**
- **National network for supply of natural gas in all Saudi industrial zones is in pipeline**
The Ministry of Energy, in cooperation with the National Mining Committee at the Federation of Saudi Chambers (FSC), will build a national network to supply natural gas in industrial zones in all cities across the Kingdom. This will be in accordance with a well-thought out time bound plan in order to achieve the Kingdom's Vision 2030 to support the mining sector and raise its contribution to the gross domestic product (GDP). **9th May 2022**
- **SWCC – Haswa Water Transmission System: Phase 2: Part B: Package B**
Saline Water Conversion Corporation (SWCC) is planning for second phase water transfer systems in Haswa, Asir, Saudi Arabia. The project includes 1: Pipe Supply Work. 2: Pipe Laying, Coating & lining works. 3: Station Construction Works Award Date July 2022. **4th May 2022**
- **Saudi Aramco, PTT to deepen energy cooperation in Asia**
The companies aim to strengthen cooperation across crude oil sourcing and the marketing of refining and petrochemical products and liquefied natural gas. Saudi Arabian Oil Company (Aramco) is exploring further collaboration with Thailand's national oil company PTT, as it expands its downstream presence in Asia. The two companies signed a memorandum of understanding (MoU) at a ceremony in Bangkok on May 11. The companies aim to strengthen cooperation across crude oil sourcing and the marketing of refining and petrochemical products and liquefied natural gas (LNG). Other potential areas of activity include blue and green hydrogen and various clean energy initiatives, said a statement. **12th May 2022**
- **Maaden/Mosaic/Sabic - Waad Al Shamal Phosphate City: Diammonium Phosphate Plant**

Maden phosphate company (Maden) is planning to undertake the construction of the second large phosphate project with a fully integrated facility at Wa'ad Al Shamal minerals industrial city, Saudi Arabia. With over \$7000 million investments, the new complex will include seven large world-class plants and associated facilities, making it one of the largest phosphate facilities in the world. Total production capacity will be close to 16 million tons per year, including 3 million tons of finished fertilizer products, as well as 440,000 tons of downstream products. Complementary plants to produce ammonia and phosphate-based fertilizers will be built near the port facilities at Ras Al-Khair; the twin sites will be linked by the North-South Railway. Award Date July 2022. **11th May 2022**

- **SWCC - Upgrade of Abha-Sabt Al-Alia and Abha-Dhahran Al-Janoub WTS**

Saline Water Conversion Corporation (SWCC) is planning to undertake the upgrade of the water transmission system from Abha to Sabt Al-Alia and from Abha to Dhahran Al-Janoub in Asir, Saudi Arabia. The project includes a. Installation of Dhahran Al-Janoub pumping station PSDJ with Capacity (420 (m3/h and height) m 591 = head pump).b. Installation of the second PSS with capacity (840 (m3 / h and height) = 735 m head pump).c. Installation of intake and exhaust valves, return valve. d. Installation of the lubrication system on the two units added in the two pumping stations.e. Installation of pipe, welding, painting, packing, and lining works at the pumping station.f. Upgradation of the existing 3 pumps with basic comprehensive maintenance at Dhahran Al-Janoub pumping station Award Date August 2022. **16th May 2022**

- **RCJ&Y - PS3 Pumping Station and Water Transmission Line in Jubail**

Royal Commission For Jubail And Yanbu (RCJ&Y) is planning the construction of water pumping station and transmission line in the Jubail Region, Saudi Arabia. The project includes 1. Construction of PS3 pumping station and a main line from PS2 to PS3, and expand PS2.2. Construction of storage tank.3. Construction of storm drainage system.4. Installation of pipelines.5. Installation of electrical power system.6. Installation of street and area lighting system7. Associated facilities Award Date October 2022. **16th May 2022**

- **Alkhorayef Awarded \$37.6m Sewage Networks Contract In Taif**

Alkhorayef Water and Power Technologies Co., Saudi Arabia announced in a statement that it has signed a contract for construction of sewage networks in TAIF (Phase 12). The Project was awarded by National Water Company (NWC), Saudi Arabia. The value of signed contract is SAR 141.1 million (USD 37.6million). As per the terms of contract, Alkhorayef will perform the Construction of phase two sewage networks for Al Ruwaidaf and Al Jawharah districts contract (3H) in Taif City. The Project duration is 24 months. **17th May 2022**

IRAQ

- **CNOOC - Missan Oil Field Flow Line Phase I**

China National Offshore Oil Corporation (CNOOC) is undertaking flowlines in Abu Ghirab, Buzurgan and Fauqi Oil field, Iraq. The project includes 1. Well pad pre-bury work.2. Newly drilled flow line.3. Old well flow line replacement. 4. Well head manifold.5. New manifold or manifold extension Award Date October 2022. **6th May 2022**

- **IDC starts Drilling 20 Oil Wells at Nasiriyah**

The Iraqi Drilling Company (IDC) has started work on the first of its 20 oil wells at the Nasiriyah oil field in Dhi Qar. IDC's Director General, Basem Abdul Karim, said that the project is part of a contract with the Dhi Qar Oil Company (DQOC) in cooperation with Weatherford. The planned depth of the well is 2,200 meters. The project is to be completed within 18 months. **28th April 2022.**

- **Shelf Drilling Wins 3 Years Contract Extension for High Island V**

Shelf Drilling, Ltd. (Shelf Drilling or SHLF) announced that it has secured a three-year contract extension for the High Island V jack-up rig in direct continuation of its current contract in the Arabian

Gulf. Following this extension, the expected availability of the rig is May 2025. The Gulf's projects market has rebounded strongly and is pushing ahead with new opportunities. The Projects Databank from TEI presents a comprehensive update of over \$350 billion-plus energy sector projects in GCC, Iraq and Iran. **16th May 2022**

EGYPT

- **Honeywell seeks to invest about \$200m in Egypt**
Honeywell International seeks to invest about \$200 million in petrochemicals and the production of green fuels for aircraft in Egypt, the Ministry of Petroleum has quoted Honeywell's country president for Egypt as saying. Khaled Hashem added during his discussions with Egypt's minister of petroleum that Egypt has the potential to become a pivotal centre linking Europe to the Middle East in green fuel projects to supply ships and produce hydrogen and ammonia.- **23rd April 2022**
- **Egypt's Anchorage Investments starts tendering process for its \$2bn petrochemicals project**
Anchorage Investments announced on Wednesday the launch of the tendering process to appoint the main contractor for its \$2 billion Anchor Benitoite petrochemicals complex in Suez, Egypt. Anchorage Investments specialises in developing, investing, and operating industrial projects in the petrochemical sector. The company said in a press statement that it would start tendering process to select the main engineering, procurement, and construction (EPC) contractor for the complex located within the industrial zone of the Suez Canal Economic Zone in Ain Sokhna. The statement noted that the EPC contractor reaching the final selection would be responsible for executing and completing the activities and procedures required for the Front-End Engineering Design (FEED) phase based on an Open Book Cost Estimate (OBCE) subject to conversion to a Lump Sum Turnkey (LSTK) contract.- **9th March 2022**
- **GUPCO - North Safa Field Offshore Oil Platform**
Gulf of Suez Petroleum Company (GUPCO) is undertaking the construction of establishing an offshore oil platform to develop the North Safa field in Egypt. The project will have 10-km-long production lines to raise the production from 10,000 barrels per day (bpd) to 15,000 bpd.1. Construction of offshore oil platform.2. Installation of 10-km-long production lines.3. Installation of a tie-in platform.4. Installation of hookups.5. Installation of jacket and deck.6. Construction of associated facilities.- **21st April 2022**
- **Masdar, Hassan Allam's unit to develop green hydrogen plants in Egypt**
A group of Egyptian institutions and companies have signed two memoranda of understanding (MoU) with Abu Dhabi Future Energy Company (Masdar) and Hassan Allam Utilities, the investment and development arm of Hassan Allam Holding, for building green hydrogen plants at the Suez Canal Economic Zone (SCZone), according to an official statement on April 24th. The MoUs were signed with the SCZone, the Sovereign Wealth Fund of Egypt, Egyptian Electricity Transmission Company (EETC), and the New and Renewable Energy Authority (NREA). Under the signed protocols, Masdar and Hassan Allam Utilities will develop green hydrogen plants in multiple phases until 2030 for the production of up to 480,000 tons of green hydrogen annually, through four-gigawatt electrolyzer facilities. The new plants will be developed at the SCZone and on the coast of the Mediterranean.- **27th April 2022**
- **Abu Dhabi's AD Ports signs deals with Red Sea Ports Authority on Egypt project**
Abu Dhabi Ports Group and Egypt's Red Sea Ports Authority have signed a term sheet and a head of terms agreement for the development of major port projects along Egypt's coast. The first agreement will see AD Ports Group develop, operate, and manage a multipurpose terminal in Safaga seaport in a consortium with the Red Sea Ports Authority and the Egyptian Group for Multipurpose Terminals Company, the commercial arm of the Egyptian Ministry of Transportation. The second

agreement covers the development, operation, and management of cruise ship berths and terminals at Sharm El Sheikh, Hurghada and Safaga ports, and to provide support services to help extend cruise tourism in Egypt. In addition, AD Ports Group will develop plans for cruise ships lines linking Abu Dhabi, Hurghada, Sharm El Sheikh and Aqaba, the UAE-based port operator, backed by the sovereign wealth fund ADQ, said in a bourse filing on the Abu Dhabi Stock Exchange on Thursday. **5th May 2022**

- **\$41.5bn Of Investments Expected In Hydrogen Projects In Egypt Through 2030**

Egypt's expected investments in green hydrogen projects until 2030 amount to about \$41.5bn, and the expected investment volume after this period and thereafter is planned to increase to \$81.6bn, according to an official source. The state's share is scheduled to range from 20 to 25% of the volume of investment in the first phase, represented by the contribution of Egypt's Sovereign Fund, the Egyptian Electricity Transmission Company, and a potential contribution from the Suez Canal Economic Zone. The investments for the first phase of the projects that **Scatec**, a leading renewable power producer aims to implement are about \$5.2bn, and the state's percentage of these investments range between \$260m and \$330m, with the company seeking to bring its investments to implement hydrogen projects to \$15.6bn. **Maersk** also intends to implement the first phase of hydrogen projects in Egypt until 2030, with investments amounting to \$4.7bn. The state's contribution to the projects ranges between \$240m and \$290m, with the company seeking to increase its investments to \$14bn after completing the first phase. Furthermore, **Total** intends to implement a hydrogen project in Egypt until 2030 with investments exceeding \$5bn, and the state's contribution ranges between \$250m and \$310m. The **French company EDF** also seeks to implement hydrogen projects in Egypt until 2030, with investments amounting to \$1bn and the state's contribution ranging between \$500m and \$600m. In the coming stages, the company will expand its investments to \$3bn. **Amia Power** — a subsidiary of the UAE's Al-Nowais Group — plans to implement hydrogen projects with investments of \$800m until 2030, and investments are scheduled to rise to \$1.9bn after 2035. Additionally, **UAE company Masdar** intends to implement hydrogen projects with investments amounting to \$11.3bn until 2030, and the state's contribution to said projects ranges between \$570m and \$710m, with the company's investments expected to rise to \$12.5bn after 2030. **Belgian company Demi** also intends to implement hydrogen projects in Egypt with investments amounting to \$3.6bn until 2030, and the state's share ratio is expected to range between \$180m and \$230m. Furthermore, **Fortisky Future** is seeking to implement hydrogen projects with investments of up to \$10bn until 2030, and the state's contribution to the projects ranges between \$500m and \$630m. **17th May 2022**

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