

TEI ENERGY Outlook

DECEMBER 2022 VOLUME - 9, EDITION - 12

EXPLORE



EMPOWER



EVOLVE

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TEI Partner Events

GREEN HYDROGEN SUMMIT - OMAN

Date: Dec 05, 2022 - Dec 07,
2022

Venue: OMAN CONVENTION &
EXHIBITION CENTRE, Oman

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- TEI Energy Outlook

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India's Commitment to be Net Zero by 2070

India has announced its goal to reach net-zero target for carbon emissions by 2070 and intent to increase non-fossil fuel energy capacity to 500 GW by 2030.

According to the International Panel on Climate Change (IPCC), CO2 accounts for 76% of total global greenhouse gas emissions, of which 65% is a direct result of fossil fuel and industrial processes.

Between 2005 and 2020, total global CO2 emissions increased by 50% to almost 3.5 billion tonnes, according to BP Statistical Review of World Energy 2021. It stresses that countries are not on track to keep climate change below 2 degrees, or even keep the 1.5 degrees target within reach.

To act co-operatively to overcome the immense challenge posed by global warming and the pressing need to reduce carbon emissions, the International Renewable Energy Agency (Irena) together with international companies has launched the global 'Alliance for Industry Decarbonization'.

Francesco La Camera, Irena director-general said "This Alliance stands for the growing commitment of global industry to act on decarbonization and unlock opportunities that come with a green industrialization through renewables and other transition-related technologies like green hydrogen."

In 2021, per capita carbon emissions in Asia were 4.1 tonnes, which is among some of the world's highest on a per capita basis. To address climate change and become more self-reliant for energy needs, India needs to focus on cultivating non-fossil power sources, new mobility solutions and industrial green hydrogen.

To accelerate energy transition and scale up the production of green hydrogen, a framework needs to be put in place. For India to achieve its net-zero target, green hydrogen industrial production should reach 7 million metric tonnes per annum (MMTPA) by 2040 and 114 MMTPA by 2070. By 2030, India's demand for hydrogen is expected to be approximately 12 MMTPA, implying that green hydrogen will need to account for 80-100% of the additional requirement.

According to IRENA, the industrial sector alone accounts for 28% of total global greenhouse gases. In India, the increase in demand for industrial green hydrogen is largely driven by the refinery and fertilizer sectors, followed by cement, iron and steel and chemical sectors. These sectors account for 30% of the country's overall GHG emissions.

Today, electrolyzers constitute about 33-75% of the total hydrogen production cost, depending upon the technology and sourcing. Domestically produced, cheaper electrolyzers combined with ultra-low cost renewables backed by clear policy support will help in achieving India's green hydrogen adoption.

The private sector participation in clean energy projects and technology deployment along with government support will be a key factor in the country's drive towards net zero.

TEI Editorial

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► Borouge 4 Ruwais Petrochemicals Complex

CLIENT: Abu Dhabi Polymers Company Ltd. (Borouge), UAE
STATUS: Design contract awarded

The contract has been awarded for the design of the Ethylene Tank for Borouge 4 Petrochemicals Expansion Project located in the Ruwais Industrial Area in Abu Dhabi.

Cytingas Company LLC has awarded this contract to TGE.

The tank is designed as a full containment reinforced concrete steel concept in accordance to API 620 and ACI 376, storing liquid Ethylene at -104°C with a gross capacity of 28,000 m³.

The Abu Dhabi Polymers Company Ltd. (Borouge) is a Joint Venture Company between Abu Dhabi National Oil Company (Adnoc) and Borealis AG (Borealis).

CONTACT:
 Abu Dhabi Polymers Company Ltd. (Borouge)
 Borouge Tower,
 Shaikh Khalifa Energy Complex
 Corniche Road, P O Box 6925
 Abu Dhabi, UAE

Phone: +971 2 6070300
 Fax: +971 2 6070999
 Email: info@borouge.com

► NEOM's Water Transmission Project

CLIENT: Neom, Saudi Arabia
STATUS: Bids submitted

Neom, a wholly owned joint-stock company of the Public Investment Fund (PIF) of Saudi Arabia, has received bids for the contract to design and build water transmission project that will link the desalination plant in Oxagon to the town of Gayal in Tabuk.

The bidders are:

- Al-Rashid Trading & Contracting Company of Saudi Arabia
- Al-Yamama Company of Saudi Arabia
- CAT Group of Lebanon
- Enppi of Egypt
- Nesma Group of Saudi Arabia
- Power China
- Saudi Al-Ayuni Investment & Contracting Company of Saudi Arabia
- Saudi Services for Electromechanical Works
- Sinopec of China

The contract scope includes the installation of a pumping station, storage tanks and water tunnels. The water transmission pipeline extends 100 kilometers, with a diameter of 2 meters.

The project's estimated budget is around \$2 billion.

The \$500bn NEOM development on the Red Sea Coast of Saudi Arabia is a key part of Saudi Arabia's Vision 2030 economic plan to diversify the kingdom's economy away from a dependence on oil.

CONTACT:
 Public Investment Fund (PIF)
 AlRaidah Digital City
 Al-Nakheel
 P.O. Box 6847,
 Riyadh 11452
 Kingdom of Saudi Arabia

► Kuwait MEW's Kairan, Wafra Z and Sulaibiya Z Power Stations

CLIENT: Ministry of Electricity, Water and Renewable Energy (MEW), Kuwait
STATUS: Bids submitted for OHTL

Kuwait Ministry of Electricity, Water and Renewable Energy (MEW) has received bids for the construction of 400kV overhead transmission line (OHTL) project in Kuwait

Seven bidders have submitted the proposals. Larsen & Toubro (L&T) of India has submitted the lowest bid price of KWD 54.15 million (\$175.8 million).

The contract scope of works includes supply and installation of 400kV overhead lines among Kairan, Wafra Z and Sulaibiya Z Power Stations.

CONTACT:
 Kuwait Ministry of Electricity and Water
 South Al Sourra Street
 Ministries Area, P.O. Box 12
 Kuwait City Safat 13001

Phone: +965 2537-1000
 Fax: +965 2537-1420

► OPWP's Ibri III Solar Photovoltaic (PV) Project

CLIENT: Oman Power and Water Procurement Company (OPWP), Oman
STATUS: Bids invited for consultancy services

Oman Power and Water Procurement Company (OPWP) has invited financial and commercial consultancy services bids for the development of a new 500 MW solar photovoltaic (PV) project at Ibri in Al Dhahira Governorate.

Last date to submit bids is 11 January, 2023.

TEI reported earlier this month that the client had invited technical consultancy bids for the project by 7 December, 2022. The winning bidder will be required to provide advice on the competitive tendering of the Ibri III Solar IPP project in addition to technical consultancy for the project development.

The project is scheduled to commence operations in Q4, 2026.

In January, Oman had inaugurated its first utility scale solar project – the 500 MW Ibri II project.

CONTACT:
 Oman Power & Water Procurement Co SAOC
 Floor 5, Building 5, Muscat Grand Mall,
 Tital Complex (Office) Al Khuwair Al Janubiyah
 PO Box: 1388, PC 112 Ruwi

Phone: +968 24508400
 Fax: +968 24-399946 / +968 24-399947
 Email: info@omanpwp.com / procurement.officer@omanpwp.nama.om

► Adnoc's Lower Zakum Gas Pipeline Project

CLIENT: Abu Dhabi National Oil Company, UAE
STATUS: Sub-contract awarded

National Petroleum Construction Company (NPCC) has awarded a sub-contract to Abu Dhabi-based Al-Gharbia Pipe Company (AGPC) for supplying 87 kilometres of 34-inch submerged arc welding line pipes for the Lower Zakum Long Term Development Plan (LTDP phase 1) New Main Gas Line project.

TEI reported in September that Abu Dhabi National Oil Company (Adnoc Off-

Offshore) awarded the main engineering, procurement and construction (EPC) contract worth \$548mn to NPCC to build the new main gas line at Lower Zakum offshore field.

The project will involve the construction of a 36-inch-diameter 85-kilometre-long subsea pipeline from the Zakum West Super Complex to Das Island. It will also include provisions to construct, install and test a new platform at the super complex as well as a new gas receiving facility on Das Island.

The new pipeline will cater for the increased volume of associated gas produced by the Lower Zakum field due to the LTDP phase 1 project, which will increase the field's oil production capacity to 450,000 barrels a day.

The Lower Zakum field's gas production capacity will be increased from 430 million to 700 million standard cubic feet a day.

The project is expected to be completed by 2025.

CONTACT:
Abu Dhabi National Oil Company (Adnoc)
PO Box: 898
Abu Dhabi, UAE

Phone: +971 2 6020000
Fax: +971 2 6023389

► Basra Energy's Rumaila Oilfield Development Project

CLIENT: Basra Energy, Iraq
STATUS: Contract awarded

Basra Energy has awarded a contract to China Petroleum Engineering & Construction Company (CPECC) to build ground facilities for the Rumaila oilfield in southeast Iraq.

The contract scope involves building two crude processing units at Mishrif Qurainat, each with a capacity of 120,000 barrels per day.

It also involves units for desalting and dewatering, oil storage, metering and export pipelines, as well as public utilities.

The Basra Energy joint venture comprises BP and PetroChina.

CONTACT:
PetroChina International Iraq FZE
4th Floor, Building No. 10,
P.O. Box: 500486
Dubai Internet City,
Dubai, UAE

Phone: +971 4 4404100
Fax: +971 4 4404195

► KOC's Burgan Water Injection System

CLIENT: Kuwait Oil Company (KOC), Kuwait
STATUS: Bids invited

Kuwait Oil Company (KOC) has invited bids for a new project to inject water to increase production from the Burgan oil field in the south and eastern Kuwait.

Last date to submit bids is 27 December, 2022.

The greater Burgan area contains about 70 billion barrels of oil equivalent (Mboe) in recoverable hydrocarbon reserves, making it the second-largest oil

field in the world, accounting for more than half of Kuwait's total reserves of 101.5 billion barrels.

CONTACT:
Kuwait Oil Company (K.S.C.)
P.O. Box 9758, Ahmadi
61008 Ahmadi, Kuwait

Phone: 00965 – 23989111 / 23865250 / 23865251
Fax: 00965 – 2398366 / 2398 0429
Email: kocinfo@kockw.com / commercialContracts@kockw.com

► RUMSL's MP Floating Solar Power Project

CLIENT: Rewa Ultra Mega Solar Limited (RUMSL), India
STATUS: Design contract awarded

Rewa Ultra Mega Solar Limited (RUMSL) announces bids received in the auction to develop 300 MW of floating solar projects (Phase II) at the Omkareshwar reservoir in Madhya Pradesh.

The developers participated in the auction, include:

- NTPC
- SJVN
- Tata Solar
- Mahindra Susten
- Eden Renewables
- NHDC
- Hinduja Renewables

The floating solar park has a total capacity of 600 MW. Amp Energy, NHDC, and SJVN were declared winners in the first phase of the auction held to allocate 300 MW.

The project will comprise six units of 100 MW each of grid-connected floating solar photovoltaic projects to be developed at identified locations at the Omkareshwar reservoir.

CONTACT:
Rewa Ultra Mega Solar Limited (RUMSL)
Urja Shawan Link Road NO 2
Shivaji Nagar, BHOPAL - 462003,
Madhya Pradesh INDIA.



Saudi Arabia moves forward with Plan to Develop Nuclear Power Projects

Work on advisory contracts for Saudi Arabia's planned multibillion-dollar nuclear power projects is progressing.

Over the past year, the King Abdullah City for Atomic & Renewable Energy (KA-Care) has awarded three separate contracts for the legal, technical and financial advisory works for the project. It awarded a team led by UK-headquartered EY the financial advisory contract in May. It awarded legal and financial consultancy contracts for the project earlier.

In March, it was reported that Saudi Arabia established a holding company to develop nuclear power projects in the country to produce electricity, desalinate seawater, and thermal energy applications.

The kingdom is working on a framework programme for nuclear energy during 2022-2027, which includes capacity building and collaboration with international institutes for research and development. ■



Adnoc, Siemens Energy Plan to Co-develop CO2 Certificates

Abu Dhabi National Oil Company (Adnoc) and Siemens Energy have announced plans to pilot blockchain technology to certify the carbon intensity of a range of products.

By using smart sensor data gathered from across Adnoc's operational chain – from the oil well right to the customer – the pilot will show how much CO2 was used to make products such as Murban crude, ammonia, and aviation fuels. This information will be automatically recorded onto a decentralized blockchain ledger.

Such transparency will allow independent regulators to certify the carbon intensity of products. It will also give customers greater confidence and clarity over the carbon footprint of their purchases, said Adnoc.

Abdulmunim Saif Al Kindy, Executive Director, People, Technology & Corporate Support Directorate at Adnoc, said: "People typically associate blockchain technology with crypto currencies, but the use of decentralized ledgers has significant implications for the energy industry. This pilot promises to shine a digital spotlight into our manufacturing processes. It will show the world why energy supplied by Adnoc is among the least carbon intensive in the oil and gas industry."

The low-carbon energy certificate initiative forms part of a broader memorandum of understanding between Adnoc and Siemens Energy. Under the agreement, specialists from both companies will co-create technologies to accelerate decarbonization and the transition to clean energy. They will collaborate at Adnoc's state-of-the art innovation facility in Abu Dhabi. Other

areas under joint development include electrification and “Power-to-X” technologies to produce green hydrogen and its derivatives, including synthetic CO₂-derived products.

Dr Fahad Al Yafei, Chief Technology Officer, Siemens Energy Middle East, said: “By leveraging our unique knowledge and expertise of certificates of sustainability, Siemens Energy will work with Adnoc to develop solutions for the benefit of the energy industry. Investing in innovation and the co-creation of technologies are vital tools for reducing emissions and meeting Net Zero targets.”

Under an agreement, signed at the Abu Dhabi International Petroleum Exhibition and Conference (Adipec), collaboration between Adnoc and the Siemens Energy Innovation Center will commence by the end of the fourth quarter of 2022. The agreement was signed by Sophie Hildebrand, Chief Technology Officer, Adnoc and Dr Al Yafei.

The collaboration is the latest in a series of innovation partnerships between Adnoc and leading technological pioneers from around the world.

The Siemens Energy Middle East Innovation Center is one of four global innovation hubs exploiting the company’s expertise in developing sustainable, reliable and affordable clean energy technologies.■



India’s Imports of Natural Gas, Oil to Jump by 2030 – IEA

India's import of natural gas will double and that of oil will rise 50% by 2030 due to soaring domestic demand while production remains subdued, International Energy Agency (IEA) said in its latest outlook released in the first week.

The demand for natural gas in the country would nearly double to 115 billion cubic meters (bcm) in 2030 from 66 bcm in 2021, with most of the growth coming from manufacturing and other industry, according to IEA's World Energy Outlook based on the stated policies scenario.

Domestic production of natural gas is projected to rise 50% to 48 bcm in 2030, which would be lower than India's output of 51 bcm in 2010. Gas imports will double to nearly 70 bcm by 2030 in the IEA scenario.

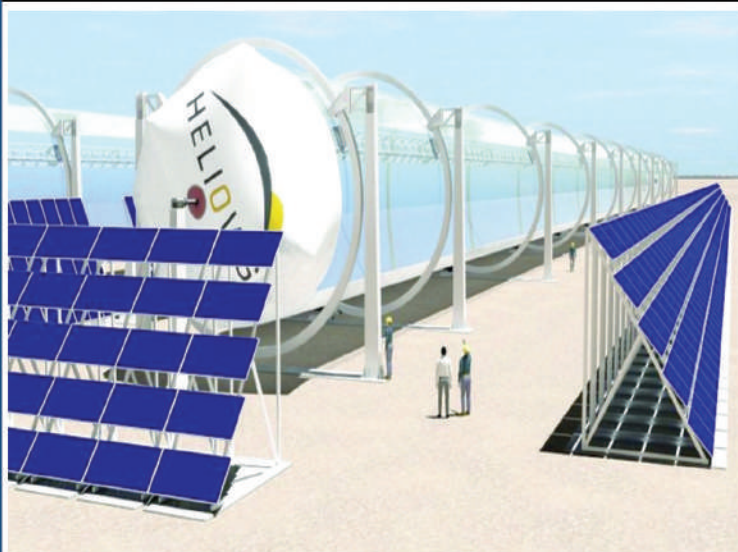
India's oil demand is projected to rise from the current 4.7 million barrels per day (mb/d) to 6.7 mb/d in 2030 and 8.3 mb/d in 2050. India's imports of oil would rise from 4.1 mb/d to 6.2 mb/d in 2030 and 8 mb/d in 2050, as per IEA.

The global oil demand is projected to plateau in 2035 at around 103 million barrels per day and then drop by around one million barrels per day by 2050.

The projected loss of oil demand in road transport, buildings and power after 2030 are offset by growth in feedstocks, aviation and shipping, as per the report.

The global demand for natural gas rises at an average rate of 0.4% per year between 2021 and 2030, lower than the 2.2% growth rate between 2010 and 2021. The demand is expected to reach 4,400 bcm in 2030 and stay at that level until 2050.

The global natural gas trade is set to expand at an annual average rate of less than 1% per year from 2021 to 2030, compared to 3% between 2010 and 2021. The US is projected to overtake Russia as the world's largest Natural gas exporter during this period.■



Deal Signed for World's First Solar-Thermally Powered, Zero Emission Desal Plant

HELIOVIS, Austria and ARA Petroleum, Oman have announced that they have signed a commercial contract to provide the world's first solar-thermally powered, zero emission desalination plant for the treatment of produced water.

The plant will be built at the oilfield of Qarat al Milh, which is part of concession block 6, the largest exploration site in the Sultanate of Oman.

Working in partnership to deliver this showcase project, HELIOVIS and ARA Petroleum will deploy HELIOVIS's patented and proven low-cost solar thermal technology to

produce up to 140m³ of drinking water per day from highly saline produced water.

Produced water refers to naturally occurring water in oil reservoirs, which is co-extracted during the production process. Typically, this water contains high levels of dissolved mineral salts and is often contaminated with hydrocarbons. It is therefore usually discharged into large evaporation ponds or pumped back under ground. At the same time, the freshwater water required for oil field operations is produced from seawater at the coast in energy intensive reverse osmosis (RO) plants and transported to the remote exploration sites by truck, leading to high cost and a heavy CO₂ footprint.

HELIOVIS's solar thermal energy will be used to power a forward osmosis (FO) water desalination plant with a direct-osmosis (DO) ZLD unit (zero liquid discharge) to transform produced water with a salinity of ca. 102,000 ppm (3 times more salt than seawater) into ca. 140 m³ of potable water per day at the oilfield, resulting in significant cost savings and CO₂ emission reductions.

Since its formation in 2014, ARA Petroleum is a dynamic member of the E&P industry in Oman that utilizes the latest technologies to ensure the country's hydrocarbon assets are operated optimally and the recovery of oil & gas is maximized.

HELIOVIS' HELIOtube® technology uses recyclable inflatable tubes and mirror films to collect and concentrate sunlight and to provide clean industrial process heat in the hard-to-decarbonize mid-temperature range of 90°C to 400°C. The technology gives major cost advantages in manufacturing, shipping/logistics, installation, cleaning, maintenance, and freshwater usage compared to conventional parabolic troughs that employ bent glass mirrors. In the context of the oil & gas industry, it can be used amongst others to power refineries and gas scrubbing facilities, to generate steam for enhanced oil recovery (EOR), or to desalinate produced water as in the present case.

ARA will purchase the complete plant from HELIOVIS, who as the EPC company will integrate its own proprietary HELIOtube technology with the innovative FO and DO desalination technologies of Trevi Systems Inc. (California).

This showcase project will also enable technical learning and is intended to promote similar projects to help reduce CO₂ emissions throughout the Gulf region.■

Siemens Appoints Ozdemir as its New CEO in Qatar



Hakan Ozdemir

Global technology company Siemens has appointed Hakan Ozdemir as its new chief executive officer in Qatar. He replaces Helmut von Struve, who led the business in Qatar for a year and remains the CEO of Siemens in the Middle East.

Ozdemir joined Siemens in 2014 as the director of strategy and business development in Turkey, after working for other prominent companies in the US, Germany, and Turkey.

working for other prominent companies in the US, Germany, and Turkey. He is a seasoned management professional with broad experience in industry, infrastructure, healthcare and technology.

Born in Munich, Ozdemir earned his bachelor's degree in chemistry from Boğaziçi University in Turkey, and a bachelor's degree and Master of Business Administration from the University of West Georgia in the US.

Lauding the appointment, Helmut von Struve said: "We are confident that Ozdemir will lead Siemens in Qatar to even bigger achievements at this pivotal moment in the nation's development and as it hosts one of the world's biggest sports events."

"We look forward to deepening our partnership with Qatar to help it fulfil its ambitious vision for 2030 and beyond," he added.

Siemens has a long track record in helping Qatar build a more sustainable and diversified economy – a key objective of the Qatar National Vision 2030. Digitalization, electrification and automation are central pillars for Siemens.

On his big role, Ozdemir said: "I'm excited to lead a great team and build on the successes achieved in Qatar over Siemens long history in the country. Siemens is working hard to help Qatar develop and diversify its economy, preserve its environment and achieve its social goals."

Siemens technology in Qatar underpins the country's infrastructure. It contributes to the nation's power system, electric vehicle charging network, digitalized factories, and its smart technology is deployed in over 200 buildings.

"Siemens has operated in the country for over 50 years. I'm honoured to have the opportunity to build on that legacy and ensure that Siemens continues to contribute to the digital transformation necessary for Qatar to prosper in the decades to come," he added.

Hayan Abdul Ghani Appointed as Iraq's Oil Minister



Hayan Abdul Ghani

Iraq's parliament on 27 October approved the cabinet proposed by Prime Minister Mohammed al-Sudani after a year of political chaos. Hayan Abdul Ghani has been appointed as Oil Minister.

Hayan Abdul Ghani, a former director general of the South Gas Co., was appointed as oil minister to succeed Ihsan Abdul Jabbar, according to the parliament media office.

Abdul Ghani was also previously director general of Basra Oil Co., according to a resume provided by the parliament media office. He holds a master's degree in mechanical engineering.

Iraqi Lawmakers Elect Abdul Latif Rashid as New President



Abdul Latif Rashid

Following a year of political deadlock since general elections in October 2021, Iraqi lawmakers on 20 October elected Abdul Latif Rashid as new president as part of the process to form a government.

The parliament session was attended by over 260 of 329 members, thus reaching the necessary two-thirds quorum. Some independent MPs boycotted the session because lawmakers have not reached

an agreement with the Sadrist faction.

Sadrists won the largest number of seats in last year's elections and made an alliance with the Sunni Taqaddoum party, led by Parliament Speaker Muhammad Halbusi, and the Kurdistan Democratic Party, led by Masoud Barzani.

However, the group's leader, Shiite cleric Muqtada al-Sadr, failed to form a new government after his Shiite rival bloc, the Coordination Framework, convinced more than one-third of lawmakers to boycott sessions for selecting the president.

Since choosing the president precedes the selection of a prime minister and requires two-thirds of lawmakers to be present for the vote, the so-called "blocking third" stalled the government's formation.

RIL Names KV Kamath as Independent Director



K V Kamath

Reliance Industries on 4 November appointed K V Kamath as Independent Director of the company for a period of five years.

"The Board of Directors has, at its meeting held on 5 November, based on the recommendation of the human resources, nomination and remuneration committee considered and recommended to the shareholders for approval the appointment of Shri K. V. Kamath as an Independent Director of the Company

for a term of 5 (five) consecutive years with effect from the date of assumption of office by Shri K. V. Kamath," the company said in its filing.

Bahrain

<p>Tender Name Country Bid Bond Description</p>	<p>Supply of Dew Point Analyzer Spares Bahrain BD 500 The Tender Board of Bahrain has invited bids for the Supply of Dew Point Analyzer Spares. Spare parts required for refurbishing and maintaining dew point analyzer panels, panel contains Aluminum oxide probe, pressure regulator, heater and thermostat, rotameter, and filter. Dew point analyzers are installed on the outlet of gas dehydration units, measuring natural gas moisture content, operations team typically monitor these systems reading in order to identify unit performance. Spare parts are required for maintaining those systems, currently several systems are out of service due to unavailability of spares, and operations team need the system back in service. The Client is the Tatweer Petroleum W.L.L. Complete tender documents can be obtained on payment of BD 15 from the e-Tendering portal at http://www.tenderboard.gov.bh. 04-12-2022</p> <p>Closing Date Contact Detail Address</p> <p>Bahrain Tender Board 7th Floor, Almoayyed Tower, Seef District PO Box 18686, Manama, Kingdom of Bahrain (+973) 1756 6666 (+973) 1758 7855 helpdesk@tenderboard.gov.bh</p>	<p>Country Bid Bond Description</p> <p>Bahrain -NA- The Tender Board of Bahrain has invited bids for the Provision of Non-Man Entry Desludging and Cleaning Services for Aboveground Storage Tanks. The work comprises desludging and cleaning services of aboveground oil storage tanks fixed and floating roofs using a nonman entry technology to a standard of cleanliness where hot work can be safely performed, that include the following Recovery of tank sludge or residue or sediment Transfer the recovered oil to an adjacent tank or pipeline Washing with fresh water or water mixed with detergent of complete tank interior surface area (including internal piping) to remove remaining layer of oil Transportation and disposal of waste materials generated from the oil recovery and cleaning processes Tank ventilation using pneumatic blowers. The Client is the Bahrain Petroleum Company (Bapco). Complete tender documents can be obtained on payment of BD 50 from the e-Tendering portal at http://www.tenderboard.gov.bh. 28-12-2022</p> <p>Closing Date Contact Detail Address</p> <p>Bahrain Tender Board 7th Floor, Almoayyed Tower, Seef District PO Box 18686, Manama, Kingdom of Bahrain (+973) 1756 6666 (+973) 1758 7855 helpdesk@tenderboard.gov.bh</p>
<p>Tender Name Country Bid Bond Description</p>	<p>Supply of Eliminators Bahrain BD 500 The Tender Board of Bahrain has invited bids for the Supply of Eliminators. Tatweer Petroleum is seeking approval to proceed with internal tender for Supply of eliminators Spare Parts in order to replenish the man max stock system to meet all the urgency emergencies for our maintenance plans. The Client is the Tatweer Petroleum W.L.L. Complete tender documents can be obtained on payment of BD 15 from the e-Tendering portal at http://www.tenderboard.gov.bh. 04-12-2022</p> <p>Closing Date Contact Detail Address</p> <p>Bharat Petroleum Corporation Ltd Bharat Bhavan, 4 and 6 Currimbhoy Road, Ballard Estate, Mumbai 400001 022-22713000 022-22714000 022-22713874</p>	<p style="text-align: center;">India</p> <p>Tender Name Country Bid Bond Description</p> <p>Procurement of 220kv Wave Trap for Switchyard India -NA- -NA- Tenders have been issued by NTPC India Limited for the procurement of 220kv wave trap for switchyard at NTPC KUDGI. Complete tender details can be obtained from NTPC. For any query related to this tender please contact - V K Maurya Sr Mgr C n M Simhadri Thermal Power Project P.O. SIMHADRI 16-12-2022</p> <p>Closing Date Contact Detail Address</p> <p>NTPC Limited NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi – 110003 91 11 24360100, 24387000, 24387001 91 11 24361018</p>
<p>Tender Name</p>	<p>Provision of Non-Man Entry Desludging and Cleaning Services</p>	<p>Phone Fax</p>

Tender Name Country Bid Bond Description Closing Date Contact Detail Address Phone Fax	<p>Water Proofing of Existing Building</p> <p>India</p> <p>Earnest Money Deposit (IN INR): 13,93,000/-</p> <p>Tenders have been issued by ONGC India Limited for Water Proofing of Existing 35 Building at ONGC Hazira Plant and ONGC Residential Colony, ONGC Hazira Plant, Surat.</p> <p>Place of submission of tender: The Office of GM (Civil), Old MM Building, ONGC Hazira Plant, Surat.</p> <p>Contact person and Phone number (Tender receiving officer and Leave reserve officer) Mr. S G Kambi, SE (Civil), Contact No. 09969229371 Mr. D Gnaneshwar, EE (Civil), Contact No. 09427504582</p> <p>For any query related to this tender please contact : S G Kambi PH:-09969229371</p> <p>19-12-2022</p> <p>ONGC Plot No. 5A- 5B, Nelson Mandela Road, Vasant Kunj, New Delhi - 110070</p> <p>011-26750998 011-26750991/ 26129091</p>	Closing Date Contact Detail Address Phone Fax Email	<p>International Iraq FZE for the Purchase of Instrument Spares of Critical Packages for Production Facilities.</p> <p>Complete tender details can be obtained on payment of \$100 from PetroChina International, Iraq Branch.</p> <p>07-12-2022</p> <p>PetroChina International Iraq FZE 4th Floor, Building No. 10, P.O. Box: 500486 Dubai Internet City, Dubai, UAE.</p> <p>+971 4 4404100 +971 4 4404195 reception@petrochina-hfy.com</p>
Tender Name Country Bid Bond Description Closing Date Contact Detail Address Phone Fax	<p>Procurement of Boiler Straight Tubes</p> <p>India</p> <p>Tenders have been issued by NTPC India Limited for the Procurement of Boiler Straight Tubes (Alloy Steel other than SS).</p> <p>Complete tender details can be obtained from NTPC.</p> <p>For any query related to this tender please contact - Sr. Manager (CPG 2 – C&M) Contracts and Purchase deptt, Sipat Super Thermal Power Proj, 495555 PO Ujwal Nagar District Bilaspur, Chhattisgarh</p> <p>30-12-2022</p> <p>NTPC Limited NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi – 110003</p> <p>91 11 24360100, 24387000, 24387001 91 11 24361018</p>	Closing Date Contact Detail Address Phone Fax Email	<p>Production Logging and Perforation Services</p> <p>Iraq</p> <p>USD 100,000</p> <p>Tender has been issued by LUKOIL Mid-East Limited for the Production Logging and Perforation Services at West Qurna (Phase 2) Contract Area, Republic of Iraq.</p> <p>Complete tender details can be obtained from LUKOIL Mid-East Limited.</p> <p>12-12-2022</p> <p>Lukoil Mid-East Limited Projects LUKOIL International Services B.V. (Dubai branch) Dubai Properties Group Headquarters building, TECOM, P.O. Box 500551, Dubai, United Arab Emirates + (971) 4448-75-75 tender@lukoil-international.com, Azat.Dilmukhametov@lukoil-international.com, Sergei.Sipunov@lukoil-international.com, Anton.Kalikov@lukoil-international.com</p>
Kuwait			
Tender Name Country Bid Bond Description	<p>Purchase of Instrument Spares of Critical Packages for Production Facilities</p> <p>Iraq</p> <p>-NA-</p> <p>Tenders have been issued by PetroChina</p>	Closing Date Contact Detail	<p>Development Works of Turbine Remote Control Systems</p> <p>Kuwait</p> <p>KD 6,000,000</p> <p>Tenders have been issued by Kuwait Central Tenders Committee (CTC) for the development works of turbine remote control systems (TRC) at Al-Subiya power generation and water distillation plant.</p> <p>Client is the Ministry of Electricity, Water and Renewable Energy.</p> <p>Complete bid documents can be obtained on payment of KD 300,000 from CTC.</p> <p>06-12-2022</p>

<p>Closing Date</p> <p>Contact Detail</p> <p>Address</p> <p>Phone</p> <p>Fax</p> <p>Email</p>	<p>Conditioning Monitoring of Electricity and Water Meters, Service Cabinets and Accessories Qatar QR 1,800,000</p> <p>Tenders have been issued by Qatar General Electricity & Water Corporation "KAHRAMAA" for the Conditioning Monitoring of Electricity and Water Meters, Service Cabinets and Accessories.</p> <p>This project is part of the AMI Roll-Out and it is required to ensure the integrity and proper working condition of the meters, service cabinets and accessories.</p> <p>Complete tender documents can be obtained on payment of QR 18,000 from Kahramaa Website (www.km.qa).</p> <p>22-12-2022</p> <p>Kahramaa 7th Floor, KM Main Building 41 Doha, State of Qatar.</p> <p>974-44845555 974-44845496 contactus@km.com.qa</p>	<p>Phone</p> <p>Fax</p> <p>Email</p>	<p>Riyadh 11432 (9661) 4630503/ 4634546/ 4631111 (9661) 4643235/ 4641111 info@swcc.gov.sa</p>
UAE			
<p>Tender Name</p> <p>Country</p> <p>Bid Bond</p> <p>Description</p> <p>Closing Date</p> <p>Contact Detail</p> <p>Address</p> <p>Phone</p> <p>Fax</p> <p>Email</p>	<p>Diverting the Water Supply Line Saudi Arabia -NA-</p> <p>Tenders have been issued by Saline Water Conversion Corporation for Diverting the Water Supply Line at Palm 1 and East Mall. Complete bid documents can be obtained from SWCC.</p> <p>11-12-2022</p> <p>Saline Water Conversion Corporation (SWCC) Makkah Road, PO Box 85369, Riyadh 11432</p> <p>(9661) 4630503/ 4634546/ 4631111 (9661) 4643235/ 4641111 info@swcc.gov.sa</p>	<p>Tender Name</p> <p>Country</p> <p>Bid Bond</p> <p>Description</p> <p>Closing Date</p> <p>Contact Detail</p> <p>Address</p> <p>Phone</p> <p>Fax</p> <p>Email</p>	<p>Supply of Tyres of Various Sizes U.A.E. 5 percent of tender price Bids have been invited by Dubai Electricity & Water Authority (DEWA) for the Rate Contract for Supply of Tyres of Various Sizes. Tender details can be obtained on payment of Dh 1050 from DEWA. 07-12-2022</p> <p>Dubai Electricity & Water Authority Office of the Contracts Manager, Zabeel East, PO Box 564 Dubai, UAE +9714 3244444 +9714 3248111 contracts@dewa.gov.ae</p> <p>Supply of Pulse Type Self Cleaning Inlet Air Cartridge Filters U.A.E. 5 percent of tender price Bids have been invited by Dubai Electricity & Water Authority (DEWA) for the Supply of Pulse Type Self Cleaning Inlet Air Cartridge Filters for 'G' Station Gas Turbines, Jebel Ali. Tender details can be obtained on payment of Dh 210 from DEWA. 08-12-2022</p> <p>Dubai Electricity & Water Authority Office of the Contracts Manager, Zabeel East, PO Box 564 Dubai, UAE +9714 3244444 +9714 3248111 contracts@dewa.gov.ae</p>
<p>Tender Name</p> <p>Country</p> <p>Bid Bond</p> <p>Description</p> <p>Closing Date</p> <p>Contact Detail</p> <p>Address</p>	<p>Supply, Installation and Operation of Equipment Saudi Arabia -NA-</p> <p>Tenders have been issued by Saline Water Conversion Corporation for Supply, Installation and Operation of Equipment for the New Building of The National Center for Waste Management. Complete bid documents can be obtained from SWCC.</p> <p>26-12-2022</p> <p>Saline Water Conversion Corporation (SWCC) Makkah Road, PO Box 85369,</p>		