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To implement engineering and advisory work for the Dorra Development Project

KGOC signs a contract with Technip Energies



In the scope of its plans to proceed with the Dorra Joint Offshore Field Development Project, KGOC, represented by its Acting CEO, Mr. Khalid Al-Otaibi, signed a contract with Technip Energies for initial engineering works and project management consulting for the gas and condensate processing facilities project for the State of Kuwait's share of the Dorra Joint Offshore Field. It took place in the State of Kuwait with Technip's representatives on Wednesday, April 3, 2024.

The signing comes within the joint vision of the two sides, KGOC and its partner Aramco Gulf Operation, to implement the Project for its strategic and economic importance for both companies and countries, as it would provide plentiful quantities of gas.

KGOC, through joint operations room and committees, coordinates and cooperates with its partner in the KJO Area on this vital project according to a clear action plan and consistent visions that ensure that this project proceeds according to its schedule.





The launch of the K-Trending Platform

Under the auspices and in the presence of KPC CEO, Sheikh Nawaf Al-Sabah, and with the participation of KGOC, the oil sector celebrated the launch of the unified K-Trending Platform for smart purchasing, which is one of the notable achievements of the Sector and is in line with the KPC's digitalization strategy.

From KGOC, the ceremony was attended by Acting CEO Mr. Khalid Al-Otaibi, the Manager of IT and Services Group, Mr. Abdullah Al-Hajeri, and the Manager of Commercial

Affairs Group, Mr. Waleed Al-Khaddah.

Moreover, it was attended by the KGOC's project executing teams; the IT Team, represented by its Team Leader, Mr. Ahmad Safar, and the Technical Project Manager, Ms. Latifa Al-Nasrallah, along with colleagues Mohamed Althaf and Riyas Hakeemulla. In addition to the Commercial Affairs Team (HO), represented by its Team Leader, Mr. Meshari Al-Rasheedi, along with colleagues Faisal Abulhasan and Naser Al-Abduljader.

By KGOC & SAC

Participation in the Oman Petroleum & Energy Show



In keeping with KGOC's approach to participating in different forums to share expertise and learn about oil industry developments and related areas, employees from KGOC and Saudi Arabian Chevron (SAC) participated in the Oman Petroleum & Energy Show in the Sultanate of Oman (Muscat), April 22-24, 2024.

Colleagues Eng. Abdulrahman Al-Ajmi, Eng. Fawaz Al-Mutairi, Eng. Fahad Al-Mutairi, Eng. Mohammed Al-Hajri, and Eng. Yerkebulan Soltybayev represented KGOC and SAC in the Show. The colleagues' participation included a case study and presentation of a technical working paper entitled "Enhancement of Process Efficiency by Implementation of an Improved Back-Allocation Logic for Gas Volume Computation: A Case Study," which was published on the Society of Petroleum Engineers website as well.

As a culmination of the backup project's success

"Veritas" honours KGOC

Veritas, the leader in digital technology and data preservation, honoured KGOC and several of the IT Team staff as the culmination of the success story of both sides in implementing the KGOC data backup project. It was organized by Veritas on Wednesday, April 25, 2024, at the Grand Hyatt Hotel.

The honouring was attended by the Company's involved members, headed by the Manager of the IT and Services Group, Mr. Abdullah Al-Hajeri, the Team Leader of the IT, Mr. Ahmad Safar, and Senior Technology Support Engineer and Project Officer, Mrs. Mashael Eskander, along with the Project Team.

During the meeting, the Project's stages were presented by Veritas' Middle East Technology Head, Mr. Nikolai Pochinok, who commended the efforts of KGOC in implementing this significant project, and the prompt and fruitful collaboration with the IT Team. He indicated that all business standards required by KGOC have been considered and adhered



to according to the timetable, from setting up the project structure via the "Microsoft Azure" platform to transferring backups through the technologies provided by Veritas.

The Project includes a backup of a set of different data and information of KGOC for preservation and recovery in cases of accidental deletion or emergency technical attacks. Moreover, this step complements the outstanding efforts of the HO IT Team in digitalization and the provision of all cybersecurity components to KGOC information and data.





During a ceremony organized jointly by KGOC and KOC

Eid Al-Fitr's Well-Wishers Reception

During a ceremony organized jointly by KGOC and KOC to mark Eid Al-Fitr, KGOC Acting CEO Mr. Khalid Al-Otaibi along with the KOC CEO, Mr. Ahmed Al-Aidan welcomed Eid Al-Fitr's well-wishers on Sunday, April 14, 2024, at the KOC's Guest House, Ahmadi.

Moreover, it was attended by the KPC CEO, Sheikh Nawaf Al-Sabah, and the Associates' CEOs, who were keen to exchange congratulations and blessings with both sides on this joyous occasion.



KGOC continues its environmental excellence

The "HOTTPAD" Project to rehabilitate oil pits continues to achieve special environmental outcomes

Oil pits have long been used to collect water associated with crude oil production in oil production areas, as the water mixed with oil was collected and disposed of in traditional ways without the benefit of the accompanying hydrocarbons, as well as contamination of the soil adjacent to that water, which required the innovation of new techniques to address this matter.

This has been remedied, in which the water was collected in lined oil pits to preserve the area's ecological balance, after which a new mechanism has been devised by the WJO's staff.

In late 2017, Heated Overland Thermal Treatment Pad (HOTTPAD) technology was selected for the treatment of WJO Sludge. In the early 2000s, JO started a remediation program that included solar ponds, constellation waste sludge, and stockpiling contaminated soils. By late Q1 2022, the HOTTPAD selected to treat the sludge disposal and started operating. In May 2022, process optimization to reach target efficiency production started, in which the yearly design production rate is 10K m3 sludge from one plant. The Project is in operation and the plant is under optimization to find the best efficiency point for treatment.

Evaporation ponds were used to collect and evaporate water produced as a byproduct of crude oil production. Starting from 2000, a series of projects were implemented to re-inject produced water, close, and reclaim the ponds, and manage the residual oily sand and sludge in accordance with local environmental regulations and international recognized standards and practices.

Accordingly, WJO has successfully closed and reclaimed over 98% (by area) of the evaporation ponds, while the 2% left over contains heavy sludge and oil impacted soil. So, WJO selected the HOTTPAD technology as a reliable and efficient technology having the ability to treat the sludge with lower carbon emissions.

In this regard, engineers from WJO teamed with chevron



technology center and an outside technology provider to evaluate treatment options and select the optimal solution to effectively treat the sludge and oil impacted soil through the implementation of The Heated Overland Thermal Treatment Project, known as the HOTTPAD Project.

Based on our commitment to local and international environmental systems and regulations related to sustainability, WJO executed the HOTTPAD project. Work on the project began in the year 2017 and continued over the course of five years. In 2022, the plant commenced treatment of oil impacted soil and oily sludge.





Before Processing



After Processing

We can say that the HOTTPAD project is a state-of-the-art technology that is aimed to not only treat oil impacted soil but also eliminate residual sludge at the same time. The technology conforms to KEPA accepted practices as an environmentally friendly method to treat oily sludge and soil.

The HOTTPAD Project consists of four treatment units with a total treatment capacity of 10 thousand cubic meters annually; each unit can be loaded with 250 cubic meters of sludge and oily impacted soil. Before treatment, oily impacted soil and sludge are gathered and mixed at certain ratios before entering the HOTTPAD base systems where the combustion process takes place through energizing heaters for only a short duration to stimulate ignition. The process then continues in a self-sustaining manner without the external source of energy, and then controlled by air injected. The process continues for six to eight consecutive days for each single cycle to completely treat the mixture.



Before treatment, soil and sludge are gathered and mixed to different ratios before entering the HOTTPAD base systems for treatment. Each HOTTPAD system can be loaded with up to 250m³ of the mixture. Thermal energy is applied for a short time until it reaches ignition, to initiate smoldering combustion. Air is then injected from blowers to sustain the combustion process and de-energize the external power. Combustion will then move upward, destroying the heavy hydrocarbon which will generate emissions that are collected and treated in the emission treatment system.

The Project Team faced a range of challenges that they were able to control through innovative solutions, including:

- After executing the project, the Team was able to optimize the treatment to maximize the amount of sludge treated at minimum time to generate the maximum amount of treated soil as per local environmental requirements.
- Moreover, this project was a great success in reclaiming the soil after treatment, as it was used in agricultural operations and was sufficient for the growth of trees and plants. Treated soil can also be used to reclaim land by backfilling pits which previously contained sludge.
- On the other hand, the treatment process also generated oil as a byproduct of sludge treatment.

Furthermore, the HOTTPAD project has so far achieved many positive results, including:

- Reliable and efficient treatment of sludge and the oil impacted soil by destructing the HC structure, lower carbon emissions compared to any other technology, and the produced clean soil can be utilized for vegetation and backfilling of soil.
- The "Environmental Sludge Treatment Project" is a clear example of the success of national cadres in preserving the environment and ensuring the safety of workers in WJO.

The completion of the Project execution and the successful start of operations to treat oil impacted soil is clear evidence of the determination of WJO to move forward with the sustainable environmental development plan, and a true reflection of the successful partnership between KGOC and SAC.

For the excellence and quality of its services and consulting

KJO Legal Services Counsel (LSC) is nominated for Middle East Legal Department of the Year 2024

KJO Legal Services Counsel (LSC) announced that it has been nominated for the Middle East Legal Awards 2024 to be the Legal Department-Small Team/Sole Practitioner of the Year by law.com International.

The shortlist contained eleven (11) organizations, including Dubai Municipality, Al-Dahra Group, and Samsung Group. This nomination is a world-class honour to LSC for its professionalism and competency, reflecting the team's great ability to handle a variety of legal issues and its advanced quality and professional services and consulting.

In this regard, the LSC Superintendent, Mr. Ahmed Al-Feze'a, expressed his pleasure and gratitude for this nomination, stressing the LSC's endeavour to expand its legal services and reinforce its capabilities to meet the work's needs and requirements.



The winners are expected to be announced and honoured at the 2024 Middle East Legal Excellence Awards later this year. The award will be an important addition to the record of outstanding achievements of the department and KJO.

To coordinate between Border Security and WJO

Meeting with the Ministry of Interior representatives



As part of collaboration and coordination with the State's various agencies, WJO hosted the second coordination meeting with the Ministry of Interior representatives from the Land Border Security Department on Tuesday, April 23, 2024, at the WJO headquarters.

This meeting was aimed at discussing and developing the

general perception and technical specifications required for the laying and connecting of the electrical alarm system project from Al-Salmi Land Port to Al-Nuwiseeb Land Port and strengthening the security situation in the border area.

It was attended by representatives of WJO and the Border Security Sector of the Ministry of Interior.