JGC Wins AWP Project Award Through Digital Partnership With MODS

MODS partner and 40% shareholder, JGC, has won the 2022 Advanced Work Packaging (AWP) Project Award through use of MODS Origin on part of a USD 40 billion Total Installed Cost (TIC) project in Quin dao, China: the LNG Canada Project, an LNG process train module fabrication yard for Shell.

JGC is a first-tier contractor having executed in excess of 20,000 projects in over eighty countries to date. Pioneering digital transformation in the construction of complex builds, JGC teamed up with MODS in 2015 and have since become major shareholders, investing time, energy and resource into data management.

“We have been working with MODS since 2015 and put a lot of our construction management knowledge into Origin. I’m pleased to hear that our efforts have been recognized and awarded this prize.

It is a continuous journey for JGC and MODS, to keep on improving overall EPC project execution to be more predictable and low risk by feeding back construction requirement to the upstream activities.” – Kazuyuki Kojima, JGC Digital Project Delivery Department General Manager

The JGC-MODS collaboration revolves around MODS Origin software, which is an AWP system.

Jon Bell, MODS CEO says: “I would like to congratulate Shell and JGC on receiving the award for the use of AWP on a large capital project. I was fortunate enough to be at the North American AWP conference in Houston where this award was announced and delighted in hearing that MODS Origin was

acknowledged as the digital solution used on the LNG Canada process train module fabrication project.”

For the LNG Canada Project, JGC used MODS Origin to connect with their Progress Measurement System to get more accurate and timely status of fabrication activities. Allowing all project stakeholders to view accurate information in real time and from anywhere, the MODS Origin AWP system helped project teams easily identify constraints in advance for lower-risk construction execution.

“The benefit of [MODS Origin] AWP was a closer control and communication between the Control Team and Fabrication team, where all constraints highlighted by fabrication in the war-rooms could be brought to the other departments of the project such Materials and QC, shortening the lead time taken by different departments to close their outstanding activities and releasing the work front to fabrication.” – Cleiton Rodrigues, JGC’s Project Control Manager

Features and benefits of MODS Origin Construct (the AWP system) include:

• 3D model-driven AWP process

• Fully customizable and scalable to suit any project Total Installed Cost (TIC)

• Predecessor and successor work packs can be assigned, with progress of each identified

• Interactive dashboards

• 3D schedule can be created and updated

• Person-hours tracking

• Latest drawings automatically attached to packages

• 3D model snapshots easily attached, ensuring easy

communication with subcontractors

JGC received the 2022 AWP Project Award for the LNG Canada Project at the North America AWP Conference in Houston, Texas on October 17, 2022. This global event was sponsored by the Construction Industry Institute (CII), the Construction Owners Association of Alberta (COAA) and the European Construction Institute (ECI).

Jon Bell pays tribute to the digital partnership that won this coveted AWP Large Project Award: “This award is a testament to the successful partnership and digital construction applications that JGC and MODS have developed together over the years, which both the JGC and MODS DX [digital transformation] teams have worked hard to develop, deploy and support. Thank you to everyone involved.”

About: MODS specialize in developing industrial software for complex assets. Originally servicing the energy sector for more than 15 years, the solutions MODS provide are designed by engineers for engineers, advancing capital projects, maintenance, and upgrades throughout industrial sectors. The MODS goal is to simplify and digitize complex paper-based processes, driving cost savings and safety improvements in the field and the office.