



13/WSD/17

Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant

第一階段設計、建造及運作
將軍澳海水化淡廠



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OUR JOURNEY STARTS



Commencement of Contract TKO 137 Area

December | 2019

The Contract commenced on 30 December 2019. The Site was handed over to AJCJV on the same day. The project will provide the first stage of the desalination plant using reverse osmosis at Tseung Kwan O Area 137.

132kV Substation First Pour of Concrete

May | 2020

A remarkable milestone achieved for 132kV substation in May 2020. A good start!



Completion of MiC Combined Site Office for AJCJV & RSS

July | 2020

The first Modular Integrated Construction (MiC) site office for WSD works contract is in use.

Tower Crane Erection

July | 2020

As at September 2020, 3 tower cranes are in operation on site.



Partnering Workshop by Senior Management

August | 2020

The workshop was conducted on 17 August 2020 at the site office by video conferencing.

From left:

Ms. Irene Pang (WSD), Mr. Danny Hung (CS), Mr. C.L. Wong (WSD), Mr. Kevin O'Brien (JEC), Mr. S.W. Chau (WSD), Mr. Andy Kwok (B&V), Mr. George Chan (CS), Mr. Alan Man (B&V) and Mr. Alex Law (JEC)

TO BE CONTINUED

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Summer days in Hong Kong are hot and humid, workers who work in hot environment may suffer from heat strokes if no appropriate measures are taken. In view of this, a safety promotion campaign “Safety at Work under Hot Weather” was held in August with an aim to enhance the safety awareness of workers about working in summer

and foster the culture of construction safety and health for the project at large.

In addition, relevant safety tips, sunproof arm-sleeves, face mask support, ice-cream, cold tea and fruits were given to workers by Construction Manager and Safety Manager of AJCJV.



KNOW THE SAFETY TEAM

BV



Poon
<RE>

Good to strictly follow and comply with the safety regulations, guidelines and code of practices.

Image
<ARE>

I am delighted to work for Contract No. 13/WSD/17 to ensure the project be completed in safe manner.



Steve
<RSIOW>

ZERO ACCIDENT is our target. Let's work together to make it come true.



AJC
JV

Ka Po
<Safety Manager>

Safety First.
Explore the use of smart safety devices.



Nicky
<Safety Officer>

A good safety culture is built over time. It is never given.



Wayne
<Safety Officer>

Reinforce positive behavior in the workplace can reduce accidents and achieve safety and health goals.

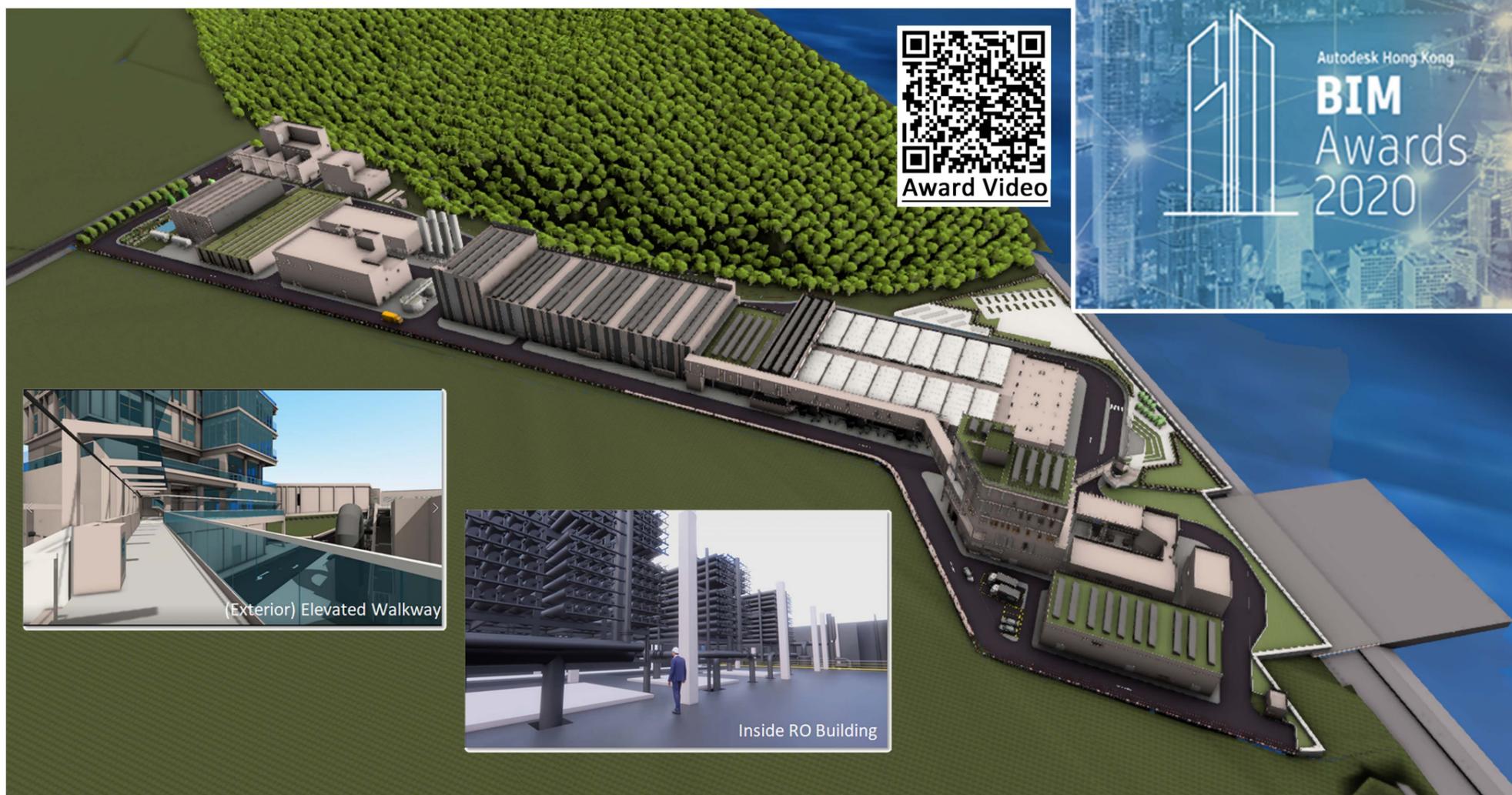


HONORABLE MENTION OF AUTODESK HK BIM AWARDS 2020

The project is a fast-track one with 39 months' time to design and construct the proposed desalination plant within budget. The involvement of multiple stakeholders from six countries/regions makes it challenging to coordinate offline due to conflicting time zones/locations/common platform issues. The improved centralization of project information in a common data environment (CDE) with BIM360 ensured efficient design approval process.

As opposed to the traditional FTP server-based approach, CDE was entirely online and allowed each discipline to instantly gather synchronized information with up-to-date models which in turn is federated out to the master BIM model. This greatly optimized the decision-making process. With 3D model coordination and production being performed on online platform with BIM 360 Design Collaboration and Coordination,

project delivery within time and budget is deemed possible. All related stakeholders pick up the skills and are capable of using BIM within 3 months to facilitate the design coordination process, development of construction work sequence, and commenting and approval of submissions.



WSD BEST WORKS SITE COMPETITION 2020

The site has participated in WSD Best Works Site Competition 2020. The Competition was organized by WSD in order to motivate staff who is supervising consultant managed contracts towards continual improvement in performance and service quality.



This is also a good opportunity to foster staff relationship and teamwork. During the site visit on 24 June 2020, the selection panel led by Mr. C.C. Lok (CE/C) was impressed by the site team's strong morale in delivering the project at the best in every aspect.



Trust

Compliance with contract
Be considerate
 Understanding and fair
Honest and direct
 Positive attitude

Talk before write **Be good listeners**
 Caring for helpful to each other
 Active sharing of information and experience
 Joint ownership / responsibility

Cooperation

PARTNERING

The Contract did not adopt the NEC form of contract but non-contractual partnering is still considered a key to enable the successful delivery of the project, in particular in view of the tight construction programme and the humongous amount of works for this Contract.

In order to establish a collaborative working relation amongst different players of the Contract, various meetings and workshops with different levels of project team members and stakeholders have been conducted since the very beginning of the Contract.



Partnering Workshop by AJCJV, B&V and WSD in August 2020

COMING 3-MONTH CHALLENGE

With the great effort from the team including WSD, B&V and AJCJV, we have overcome a lot of challenges and achieved some major milestones since the commencement of Contract back in December 2019.

Certainly, there are still many in front of us and we are full of confidence to deliver the project together as a team. The followings are the major challenges and tasks we anticipate in Q4 of 2020.



- ! Complete 80% Detailed Design Approval**
- ! Complete ELS for Combined Shaft**
- ! Obtain FSD Approval on GBP**



Office access control by Infra Red Thermometer



Full-body Disinfection Facility in Live Operation

The objective of the automatic full-body disinfection stations is to provide all site personnel an effective method to fight COVID-19. The station applies sanitizing spray for instant disinfection. With the stations set up at the site entrances, all site personnel and visitors entering and leaving the site can be properly disinfected in 10 seconds, thus forming an active barrier against COVID-19 from spreading on site.



Full Body Disinfection Station used by DDWS & DWS

WE NEED YOU !!



Community Outreach - Helping Hands

Our Project Community Outreach programme aims to provide help and support for needy and underprivileged groups with special focus on the local residents living in the TKO area. Through our activities, we wish to foster a caring team player spirit and create great camaraderie amongst our colleagues.

All ideas and suggestions are welcome. Please come join us!

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Sports Club

To promote the team & encourage more participator:

We love sport at all levels. That's why we form a Sports Club across different partners at TKODP here. Sports activities are a good way to break the silos across companies as well as to enhance our fitness as stress management. Please do come to join us for weekly runs first as there will be more to come. Your ideas are suggestions are very welcome.

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Laurence Wong wingkeung_wong@cohl.com



Green Alliance

We are Green Alliance, we are empowered with green energy to build a more eco-friendly work place. Mission and initiatives of our team:

-  Promote green and sustainable practices - Use less, save more
-  Organize campaign to raise the environmental awareness of colleagues - Green slogan, Mr.&Ms. Green, cleaning campaign
-  Conserve resources - Sharing corner for food/drinks/resources
-  Establish green areas - Planting



“THINK GREEN and DO GREEN”

Join us and experience. You will be the next earth angel. 😊

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