

# SITE VISIT RUNDOWN

## Project Introduction:

Located at West Kowloon Reclamation Area with an area of 40-hectare, the WKCD is developing an integrated arts and cultural district with world-class facilities and iconic architecture for locals and tourists. It is one of the world's largest and most ambitious arts and cultural building programmes that will deliver up to 17 cultural and arts facilities, open spaces, education, commercial and retail facilities as part of a new cultural hub being developed with funding from the HKSAR Government.

There are more than 70% of MEP installations by DfMA or MiMEP design and hot-work-free installation methodology to achieve high safety and quality performance. With the introduction of DCS and other sustainable features, it will serve as a showcase of Hong Kong with long-term sustainability. Estimated design capacity of DCS plant is 70MW. The masterplan of WKCD DCS Central chiller plant of WKCD DCS is allocated in the basement by integrating with the master planning of the district. The chilled water will be distributed to the DCS customer substation by a 2-pipe ring circuit with different sizes of 3-pipe tee-off chilled water pipe connection housed inside specified services corridor or trench in the basement. The DCS pipe network will be extended by phases to follow the pragmatic approach of the WKCD development.

## Date:

10 December 2022 (Saturday)

## Time:

9:00am to 12:00nn

## Meeting Location:

Lyric Room 9/F., Tower 2 China Hong Kong City, No. 33 Canton Road, Tsim Sha Tsui, Kowloon

## Contact Persons:

Ms. Agnes Tang (9252 5803)

Mr. W L Wong (96616205)

## Project Highlights:

1. 70MW (22,500RT) Sea Water Cooled DCS for WKCD developments
2. 9 x 2,500RT chillers
3. D.I. seawater pipes up to DN1.6m
4. Chilled water pipes up to DN1.2m
5. >840Ton steel pipes
6. Zero Hot Work on site
7. >70% DfMA/MiMEP works
8. Removed 70% site activities
9. Completed 80% work in 11 months
10. Full BIM from design development, construction information, DfMA/MiMEP production to O&M
11. Digital management for RICS inspection with RSS
12. Zero accident since the DCS work commencement

09:00  
AM

## MEET at Project Office

- Lyric Room 9/F., Tower 2 China Hong Kong City, No. 33 Canton Road, Tsim Sha Tsui, Kowloon

10:00  
AM

## Project Introduction

- Project Highlights
- DCS Design Development
- MiMEP Design
- Smart & Digital Construction

10:15  
AM

## Project Site Visit

- Shuttle Bus to L2 DCS Site
- Full DfMA DCS Installation
- MiMEP Installation
- Modern Method of Construction

12:00  
NN

## Finish

- Shuttle bus return to China Hong Kong City