



PROCURE. MANAGE. DELIVER

Delivering sustainable projects

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Vision, Mission, Values

VISION

- To serve the community
- Take care of the community
- Provide quality professional services
- Improve the quality of the living environment

MISSION

- Ensure the quality, cost effectiveness and sustainable development of community facilities
- Ensure the quality and cost effectiveness in the upkeeping of community facilities
- Provide quality professional advisory services on community facilities and related matters
- Promote best practices in the building industry



VALUES

- Professionalism
- Commitment
- Accountability
- Integrity
- Versatility
- Continuous Improvement
- Team Spirit
- Partnering Spirit
- Caring Attitude

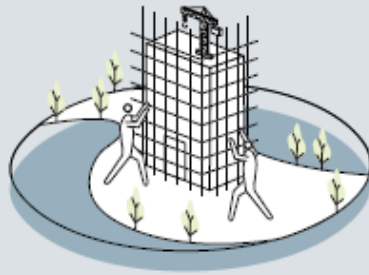


Core Function



Monitoring & advisory service

Providing effective professional and technical advice to the Government and quasi-government organisations and to oversee subvented, and entrusted projects



Facilities upkeep

Providing efficient and cost-effective professional and project management services for the maintenance and refurbishment of buildings and facilities.



Facilities development

Providing efficient, cost-effective and timely architectural and associated professional and project management services for the design and construction of buildings and related facilities.



Our Establishment



Our Projects

Government Offices



Healthcare and Medical



Leisure and Countryside



Educational



Food and Environmental Hygiene



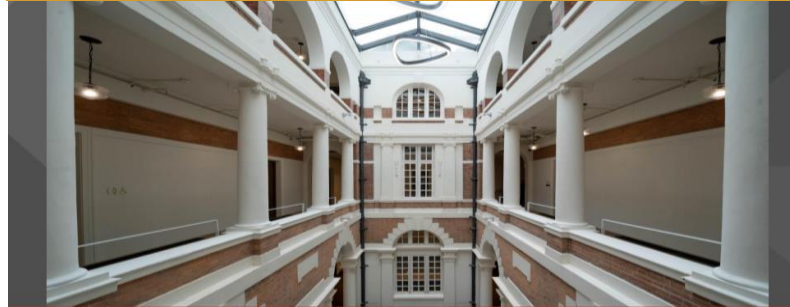
Quarters



Judiciary and Justice-related



Revitalization and Conservation



Security and Disciplinary



Our Maintenance Portfolio

Facilities Upkeep

as of **2023**

8000+

Government
buildings
maintaining

5800+

Slopes
maintaining

145000+

Trees
maintaining



Our Award-winning Partnering Approach

Drainage Services Department Office Building at Cheung Sha Wan Sewage Pumping Station

Winner – Building / FM Project of the Year

Building size	21-storey office building with CFA of about 38,300 m ²
Site Area	About 4,000 m ² (within existing Cheung Sha Wan Sewage Pumping Station)
Contract Type	Design & Build Contract NEC 3 ECC Option C – Target Contract with Activity Schedule (Pilot Project in ArchSD)
Contract Sum	\$1,769M

- Challenges as Pilot NEC Option C contract for building project
- Change in mindset to open communication
- Additional resources for payment process and subletting
- Setting up new systems and procedures at contract commencement stage for subletting and payment checking mechanism
- Understanding and interpreting contract terms



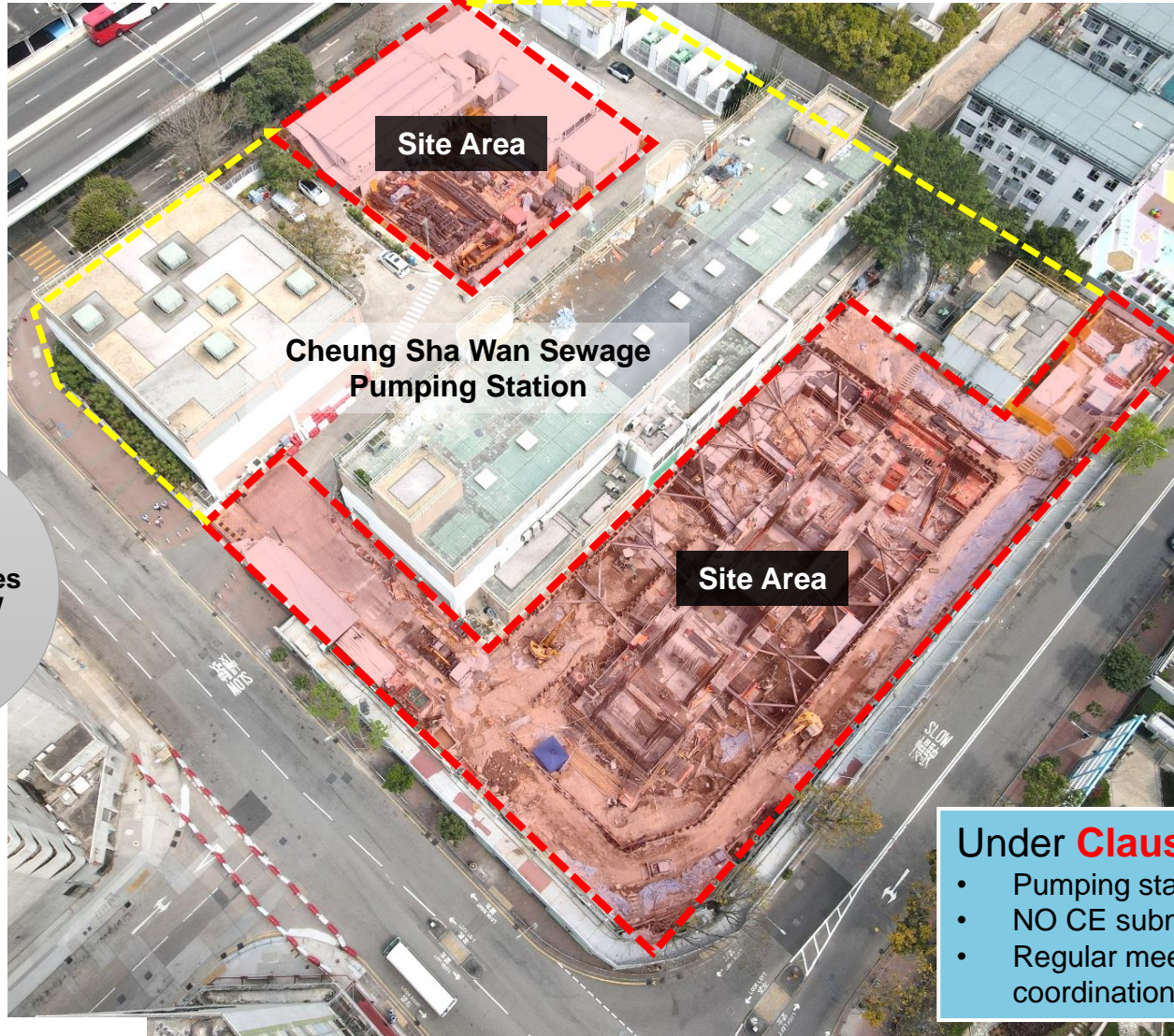
Drainage Services Department Office Building at Cheung Sha Wan Sewage Pumping Station

Project Risks

Uninterrupted 24/7 existing facilities operations

Protection of existing facilities and pipelines/ culvert

Multiple contractors under DSD/ArchSD carrying out works in pumping station



Early notification to Contractor of the risk in **Contract Data Part One**



Specific issues raised via Early Warning according to **Clause 16.1**



Risk Reduction Meeting according to **Clause 16.2**

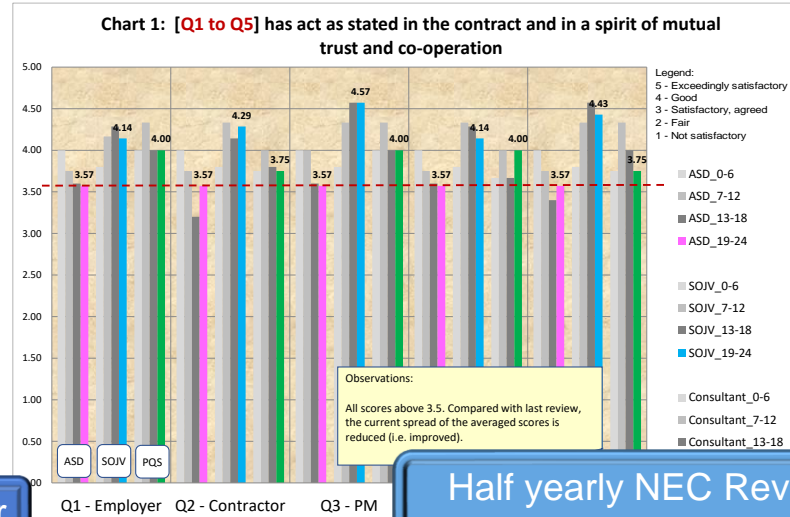


Early coordination with pumping station representatives, PM and Contractor

Under **Clause 10.1**

- Pumping station operation remains un-disturbed
- NO CE submitted due to ad-hoc site coordination issues
- Regular meeting arranged with all parties to ensure early coordination on site logistics and interfacing issues

Drainage Services Department Office Building at Cheung Sha Wan Sewage Pumping Station



Half yearly NEC Review Workshop Questionnaire



- Regular NEC related reviews and sharing among the project team and the Contractor to exchange views and concerns
- Share project risks between Client and Contractor, encouraging early identification of problems
- Enhance efficiency by working as a team in a partnering spirit of mutual trust and collaboration
- Aligned interests with less claims

How Target Contract helps?

Hospital Authority Supporting Services Centre

Highly Commended – Building / FM Project of the Year

Building size	6-storey supporting services centre with CFA of about 52,540 m ²
Site Area	13,700 m ²
Contract Type	Design & Build Contract NEC 3 ECC Option A – Priced Contract with Activity Schedule
Contract Sum	\$2,194M



- Numerous HA Forward Procured Equipment installation during construction period
- Potential risk to delay programme and incur contractual claim



Central Laundry
(27.5MKG Annual Production)



Automation Emergency
Stores



Data Centre
(500+ IT equipment racks)



Central Food Production
(12.5M meals Annual Production)

Hospital Authority Supporting Services Centre



Proactive Communication
and Problem Solving



Collaborative Engagement
with Clients

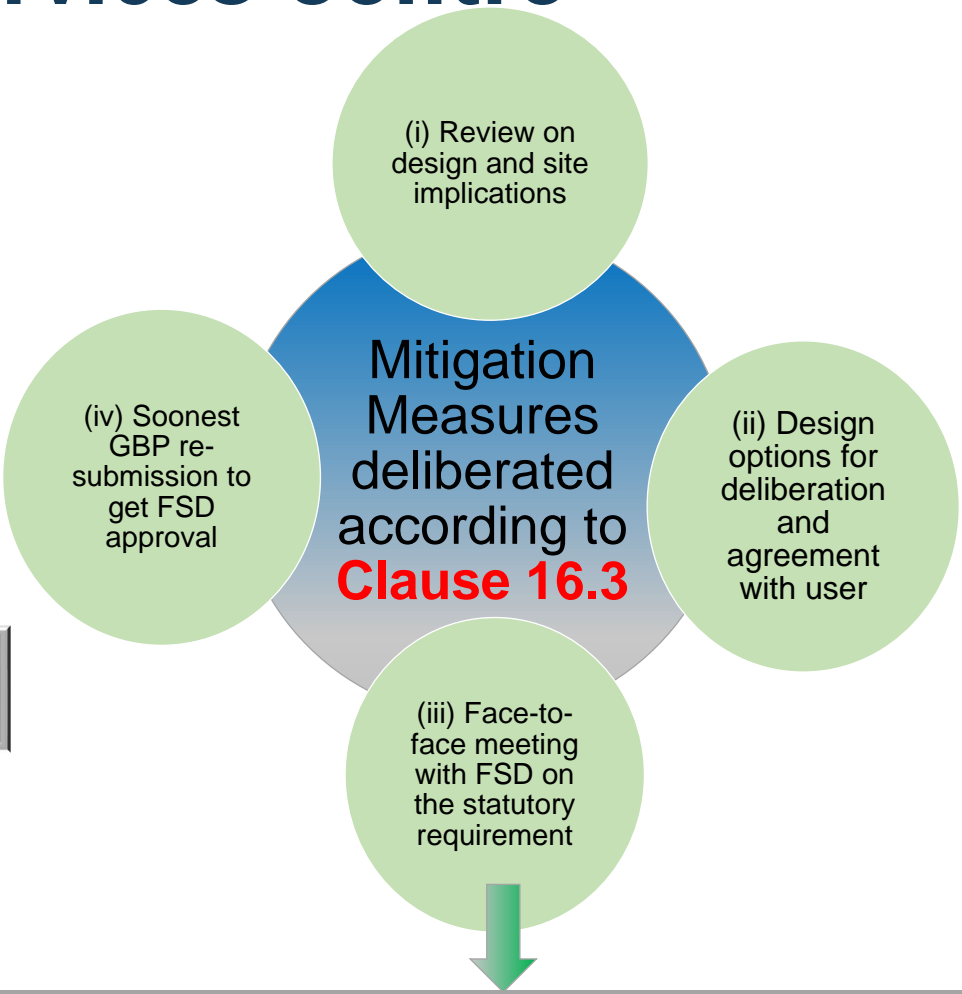
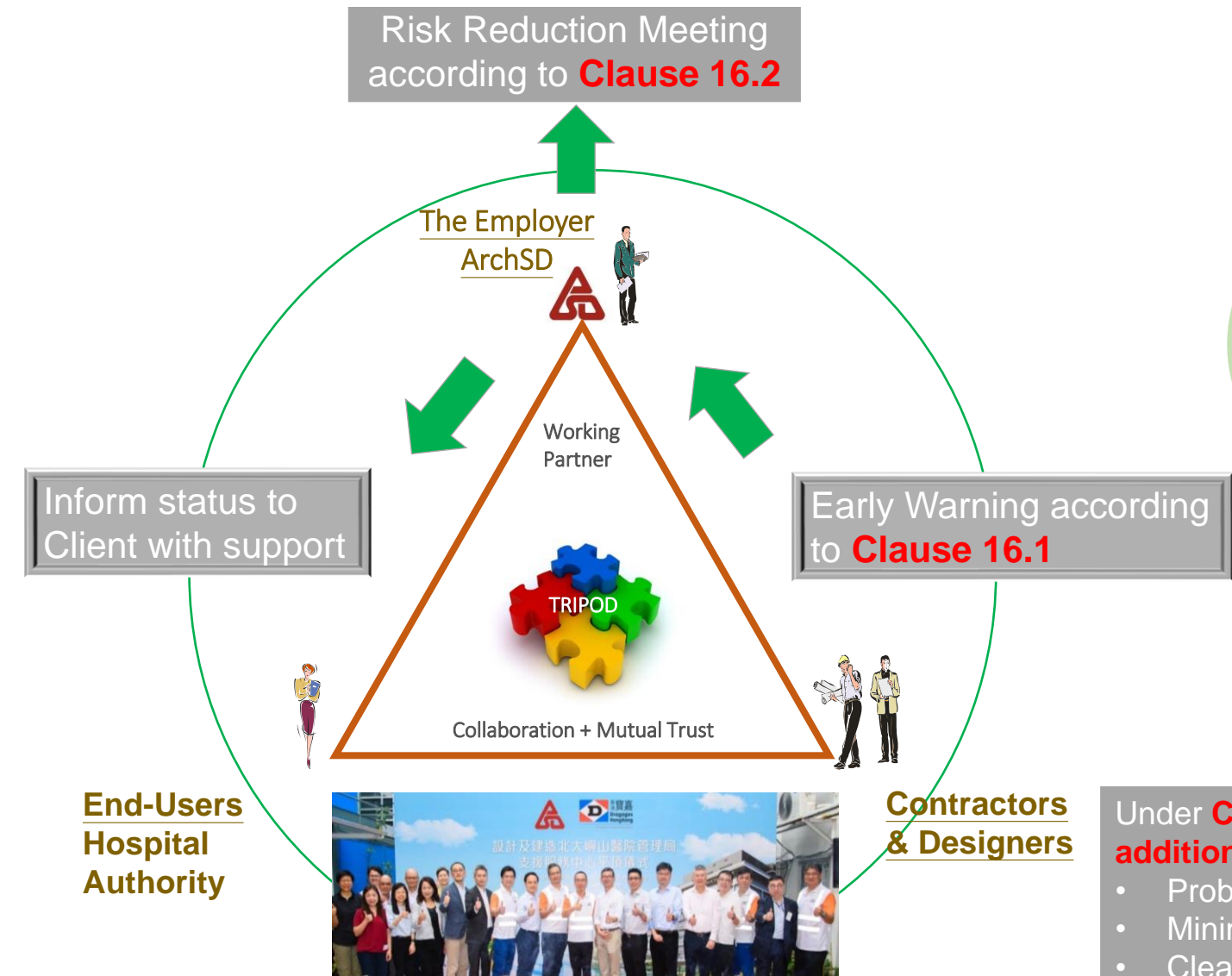


Timely and Continuous
Project Involvement



Regular Review and
Meeting for Risk Reduction

Hospital Authority Supporting Services Centre



Under **Clause 10.1** to resolve the new enactment of Cap 295 on addition of new DG stores at late construction stage

- Problem resolved with joint effort and no disputes induced
- Minimum time and cost implication to incorporate the late change
- Cleaner statutory requirements before FS inspection

Fire Station-cum-Ambulance Depot with Departmental Quarters and Facilities in Area 72 Tseung Kwan O

Winner – Sustainability Award of the Year

Building size	17-storey departmental quarters building and fire station-cum-ambulance depot with CFA of about 16,026 m ²
Site Area	3,015 m ²
Contract Type	Construction Contract Supervised by Design Consultants NEC 3 ECC Option B (Priced Contract with Bill of Quantities)
Contract Sum	\$584M

- Direct engagement of design consultants
- Use of MiC for the departmental quarter portion which is a design and build item by contractor



Fire Station-cum-Ambulance Depot with Departmental Quarters and Facilities in Area 72 Tseung Kwan O



Partnering and collaboration



Innovation and engagement

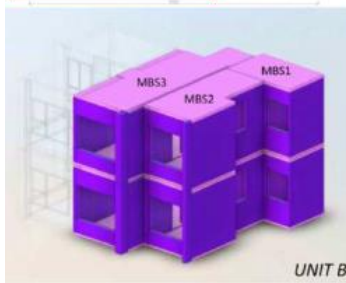
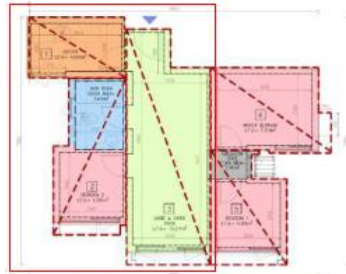


Mutual Trust and Cooperation

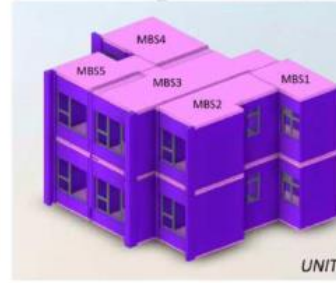
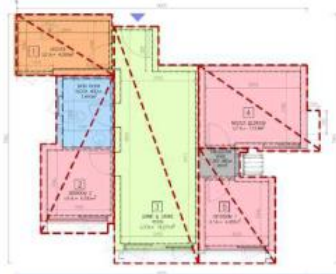


Joint problem solving and resolving challenges

Fire Station-cum-Ambulance Depot with Departmental Quarters and Facilities in Area 72 Tseung Kwan O



structural mockup
bareshell
(3modules x 2floors) – all dispose



visual mockup
with completed finishes and BS installation
(10modules x 2floors) – reuse in project



Innovation and engagement

“**Spirit of mutual trust and co-operation**” encouraged the client, consultant and contractor to develop collaborative solutions for effective MiC implementation.

NEC leads to better management of risk due to proactive **joint problem solving and speedy decision making**.

NEC encourages a change in mindset and a more collaborative and co-operative attitude in project participants.

Technical matters associated with adoption of **innovative construction method** can be resolved earlier under established NEC mechanisms to **minimize disruption** to the works programme.



Our Innovative Ideas on Supply Chain Engagement

Light Public Housing



Unit for 1 - 2 persons



Unit for 3 - 4 persons



Unit for 4 - 5 persons

Light Public Housing

	Projects	Estimated Number of Units
First Batch	Yau Pok Road, Yuen Long	2,100
	Tuen Mun Area 3A	1,900
	Choi Hing Road, Ngau Tau Kok	2,300
	Olympic Avenue, Kai Tak	10,700
Second Batch	Lin Tong Mei, Sheung Shui	1,100
	Tuen Mun Area 54	5,300
	Sheung On Street / Sheung Ping Street, Chai Wan	1,600
	Lok On Pai, Siu Lam	5,000



Innovative Idea on Supply Chain Engagement

First major supplier contract using NEC 4 ECC Option C for ArchSD

First Batch : Traditional Main Contractor including MiC procurement


Second Batch : Two separate contracts procured by the Government:

i) D&B Contract

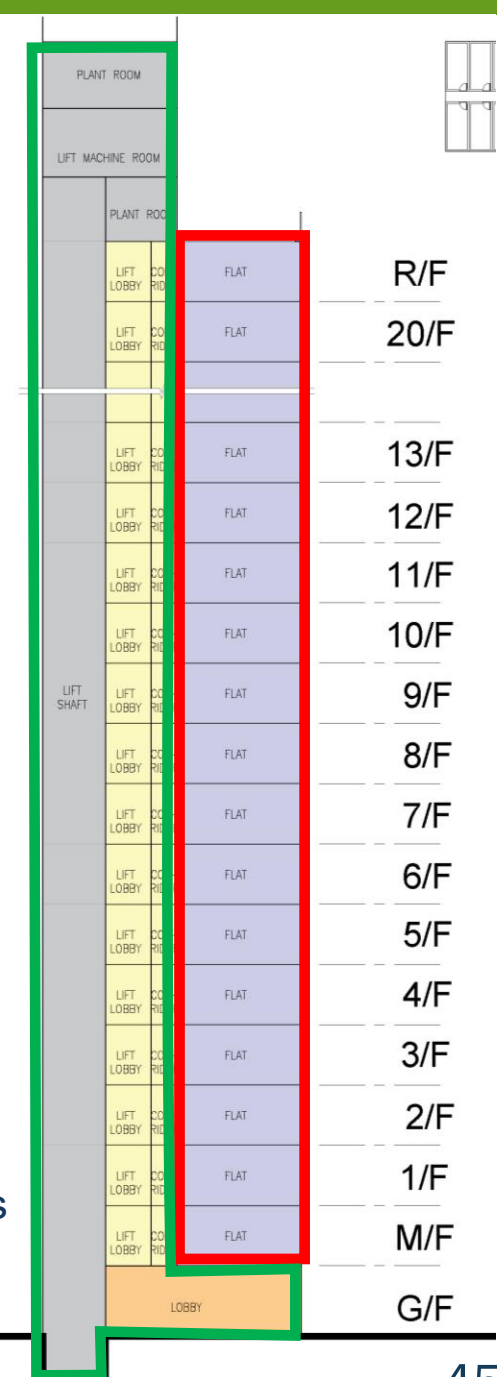
- The *Contractor* to Provide the Works except manufacture and delivery of habitable MiC modules
- Overall coordination

ii) MiC Contract

- MiC Provider directly employed by Government for manufacture and delivery of habitable MiC modules

 MiC Provider's Scope

 D&B Contractor's Scope



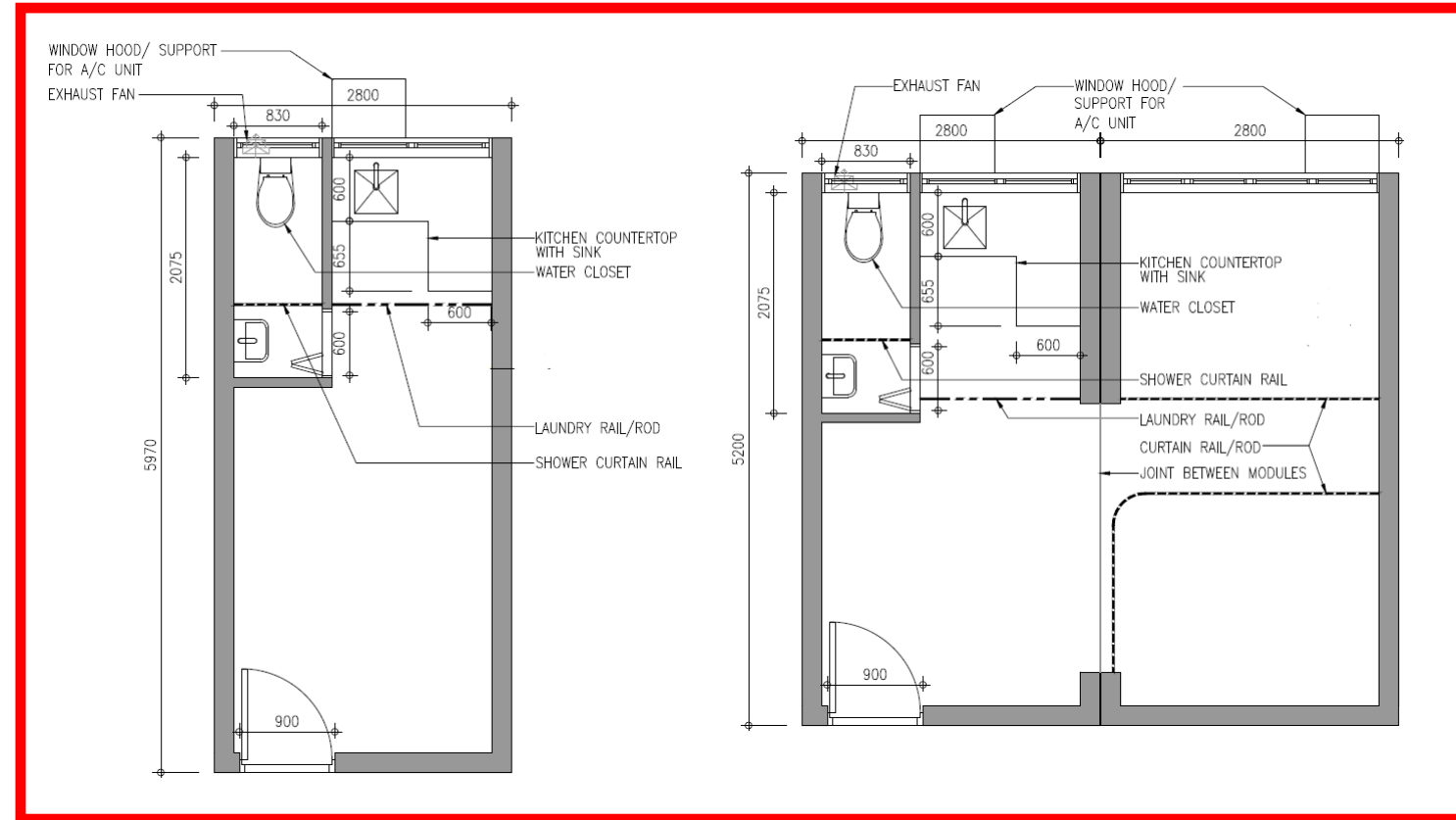
Just-in-time Delivery

i) D&B Contract

- Key dates are included to define the time control on completion of MiC mock-up, taking over and installation of habitable MiC modules

ii) MiC Contract

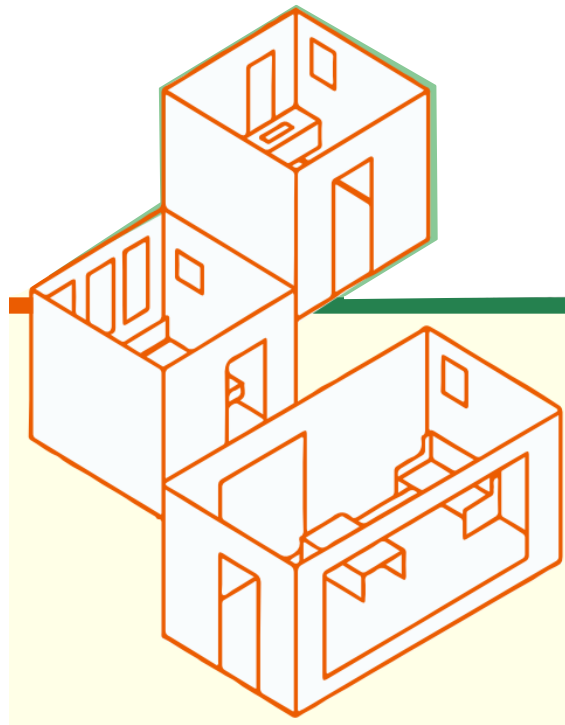
- Key dates are included to define the time control on manufacture and delivery of MiC mock-up and habitable MiC modules



Typical Layout of MiC Habitable Unit
(MiC Provider's Scope)

Mutual Trust and Cooperation

The mutual trust and cooperation brought by **NEC Option C** provide the cornerstone for achieving the target of about 30,000 Light Public Housing units in the coming 5 years: -



i) Cost-effectiveness

- Under the “pain/ gain” share mechanism, more incentive is provided to **both the Contractor and MiC Provider** to submit value engineering/ cost savings proposal. This enhances cost-effectiveness with their expertise input in the design of MiC modules.

ii) Quality assurance

- The *Project Manager* will take part in the subcontracting procedure by **both the Contractor and MiC Provider**, enhancing the quality control of works even to the subcontractors under MiC Provider for the fabrication of MiC modules.