



Photo credit: FELCRA Properties Sdn Bhd

## Custom BMU Solution for Felcra Tower

### Project Overview

Felcra Tower, is a striking 165-meter, 35-floor mixed-use development in Kuala Lumpur, Malaysia, designed by HMSK Architecture Sdn Bhd. The building, developed by WZR Property Sdn Bhd, combines modern functionality and aesthetic appeal, featuring a prominent glass facade with challenging design elements, including a negative slope area and a crown at the rooftop.

### Client Requirement

The client required an advanced system to maintain the building's facade efficiently, ensuring safe and comprehensive access to all areas, including the challenging negative slope and rooftop crown.

### Manntech Solution

Manntech provided a tailored solution using a Type 6.1 Building Maintenance Unit (BMU) with a 21.8-meter outreach. This system was engineered to meet the tower's unique design and ensure safe operations under various wind conditions.

### Challenges and Execution

The primary challenge was designing a BMU capable of accessing the negative slope facade and rooftop crown safely and efficiently. Manntech's expertise in custom engineering ensured seamless integration of the BMU with the building's design.

### Why Manntech Was Chosen

#### Proven Track Record:

A history of successful installations and satisfied clients.

#### Custom Solutions:

Tailored designs to suit complex architectural features.

#### Comprehensive Support:

Exceptional after-sales service, maintenance training, and rapid repairs.



## Facts and Figures

**Completion:**  
August 2023

**Commencement:**  
February 2022

**Building height:**  
165 meters

**Floor count:**  
35 floors above ground

**BMU Type:**  
Type 6.1

**Number of BMUs:**  
1 unit

**Outreach:**  
21.8 meters

## For more information

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