

Korea's Largest Women's General Hospital CHA Ilsan Global Life Center



Project Overview

- Project Name : CHA Ilsan Global Life Center
- Client : SungKwang Medical Foundation and KH Green Inc.
- Project Value : USD 89 million
- Project Period : October 2016 - October 2019 (36 months)
- Project Scope : Sales facility (1-3F), medical facility (4-7F), wards (7-10F), Postpartum care center (11-13F), basement parking garage (B8-B3)

[Perspective view of CHA Ilsan Global Life Center]

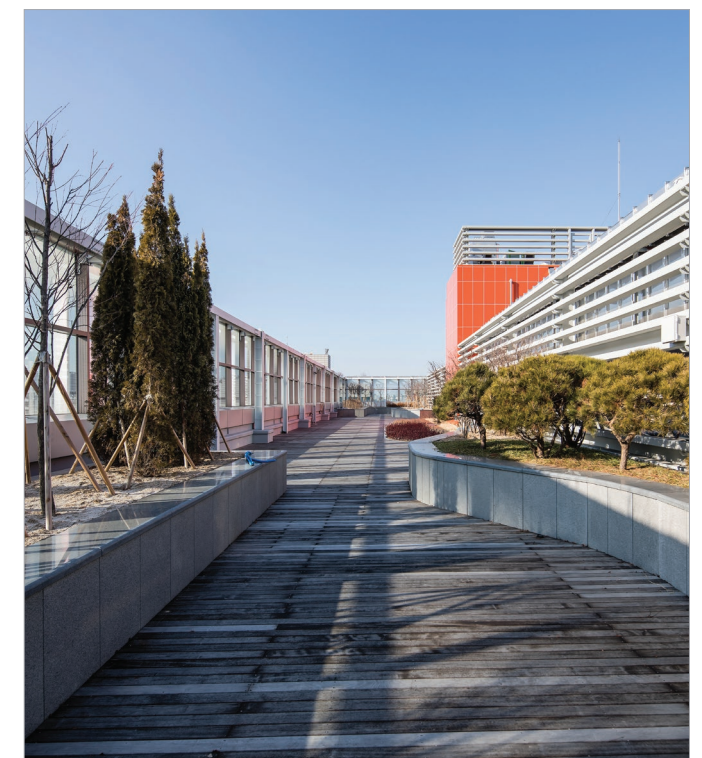


[Lobby]

CHA Ilsan Global Life Center opened in January 2020 and has established itself as a lifestyle-convergence hospital that consists of both commercial and state-of-the-art medical facilities in a brand-new building (B8/13F). The medical center features three specialized centers dedicated to three major cancers common in women (Gynecological Cancer Center, Breast Cancer Center and Thyroid Cancer Center), with 15 specialists on staff.

In August 2016, Ssangyong E&C secured the contract to construct this medical center as a sole contractor. The company was able to prevail against other major Korean contractors in the bidding war thanks to its sound track record in advanced hospital construction and exclusive technologies, but what mattered more was Ssangyong E&C's experience in building CHA Bundang Medical Center in 1995 and the long-term trust between the CEOs of the two organizations.

CHA Medical Group, the client, operates a global network of 61 clinics with over 1,700 employees in seven countries overseas, including the United States, Japan, Australia and Singapore. At home, the Group runs Chaum Life Center, CHA Gangnam Medical Center, CHA Fertility Center Seoul Station and other clinics. Capitalizing on its experience attracting medical tourists over the years, CHA Medical Group is planning to promote CHA Ilsan Global Life Center as a new mecca for medical tourism.



[Rooftop garden]



[Newborn unit]



[Perspective view of CHA Ilsan Global Life Center]



[Radiation therapy room]

Tackling a 40-Meter Deep Engineering Challenge

Rare for a hospital building, CHA Ilsan Global Life Center required the construction of an underground floor 40 meters deep. To tackle this engineering challenge, the project team made use of the full top-down construction method, which required the simultaneous construction of both underground and aboveground structures.

Since the site was covered with soft rock beginning five meters underground and continuing until the very deepest floor, the digging work was carefully conducted using the vibration-controlled blasting method, to minimize complaints and possible damage to nearby subway lines as well as the buildings in the Beopjo Town area.

To ensure high-quality construction, once the contract was secured, Ssangyong E&C held several preliminary meetings with relevant governmental departments, and quickly dispatched seasoned engineers experienced in the full top-down method to the site for thorough preparation and the smooth progression of the project.


A Globally Praised Safe & Clean Site

The CHA Ilsan Global Life Center construction site implemented thorough safety management measures, with the aim of achieving accident-free construction.

Based on rigorous worker safety standards, Ssangyong E&C raised safety awareness among construction workers while proactively managing the safety of the site and the surrounding areas. Such outstanding efforts were highly praised by outside experts and resulted in several visits by overseas clients.

For instance, on June 8, 2017, before the bidding began for

Singapore's Woodlands Health Campus (WHC) construction project, some 20 guests from Singapore, including officials of the Ministry of Health (MOH) and the CEO of the WHC visited the site. During their visit, in collaboration with relevant departments at the company headquarters, the project team demonstrated Ssangyong E&C's superb site management capability.

The WHC visitors were deeply impressed and professed the highest praise for the company's efforts. These client visits ended up contributing greatly to Ssangyong E&C's winning the WHC construction contract. During the presentation of a letter of award (LOA) to the company, the client even remarked, "We hope that the WHC project site will be as well managed as the CHA hospital site." 



[Conference room]