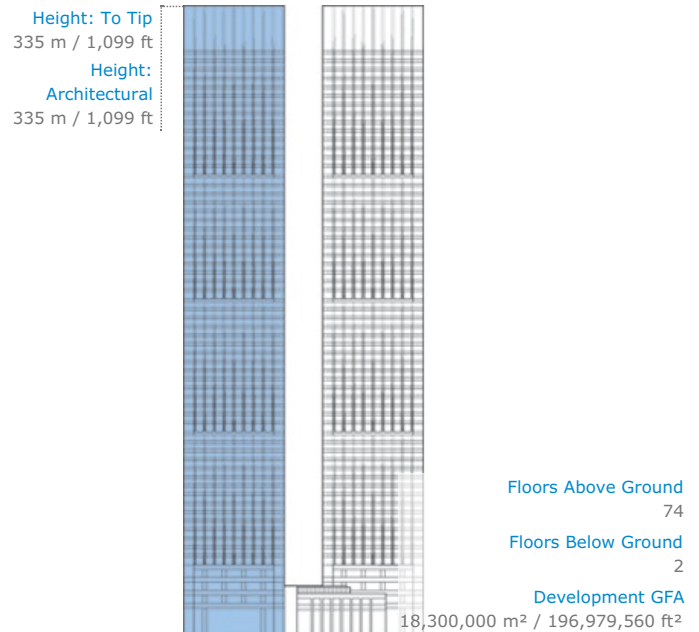


Twin Towers Guiyang, East Tower



Click an image to view larger version.



Facts

Official Name	Twin Towers Guiyang, East Tower
Name of Complex	Huaguoyuan
Other Names	Huaguoyuan East Tower, Huaguoyuan Tower 1
Structure Type	Building
Status	Architecturally Topped Out
Country	China
City	Guiyang
Street Address & Map	Wulichong Road
Building Function	office
Structural Material	composite <ul style="list-style-type: none"> Core: Reinforced Concrete Columns: Concrete Encased Steel Floor Spanning: Steel
Construction Start	2012
Completion	2020

Companies Involved

Architect	
• Design	LWK & Partners
• Architect of Record	China Huaxi Engineering Design & Construction Ltd.
Structural Engineer	
• Design	Arup
MEP Engineer	
• Design	Arup
Main Contractor	China State Construction Engineering Corporation
Other Consultant	
• Façade	SuP Ingenieure GmbH
• Interiors	Benoy
Material Supplier	
• Elevator	Schindler

About Twin Towers Guiyang, East Tower

Located in the heartland city of Guiyang, this twin-tower development seeks to enrich the city skyline with a simple modern presence that emphasizes symmetry and balance. The towers are located near the Guiyang commercial street, which is a main thoroughfare through the city, and lies south of an ecological wetland park. The façade of the twin towers reflects simplicity and uniformity, enriched with an assortment of explicit details. The 1.8 meter-wide glass panes cover the towers without visible spandrels, forming a streamlined appearance that unifies the complex.

The two towers are offset from a large six story retail podium which then extends an additional 5 floors underground. The towers were constructed simultaneously and rose from a deep excavation of the entire site. Both towers are constructed with composite frames composed of a reinforced concrete core and exterior columns of steel fully encased in concrete. The towers are square in plan with chamfered corners and are framed with 9 structural columns on each side of the perimeter which reduces to 5 large columns at the base through the use of a load transfer of diagonal columns spanning through four floors just above the main lobbies. The perimeter structural grid remains the same for the full remaining height of the east tower, however on the west tower, this grid reduces to 7 columns on each side for the uppermost floors where a hotel is located above office space.

When the towers were completed, they became Guiyang's first supertall buildings as well as the centerpiece of an emerging cluster of new tall buildings on the western side of the city.

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