

**SolarInnovate Energy Solutions**

# **Honiara 5G base station power module procurement bidding**



## Overview

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How many 5G base stations does China Mobile Need?

The CBN/China Mobile tender requests bids for 480,397 5G macro base stations in the 700 MHz band which is roughly equivalent to the number of 2.6 GHz base stations already deployed by China Mobile. Based on past big 3 (China Mobile, China Telecom, China Unicom) tender results, Huawei and ZTE are expected to win approximately 85% of the business.

Who won China's largest wireless base station tender in 2023?

(Yicai Global) June 12 -- Huawei Technologies has gained over half of the procurement of China's largest fifth-generation wireless base station tender this year organized by China Mobile. The telecoms giant scored over 50 percent of the total of the major mobile network operator's centralized procurement program in 2023, The Paper reported today.

Who will win China 5G contract?

Based on past big 3 (China Mobile, China Telecom, China Unicom) tender results, Huawei and ZTE are expected to win approximately 85% of the business. That would leave only 15% for Ericsson or other well known 5G base station vendor, but probably NOT Nokia which was shut out of the last China 5G contract awards.

How many base stations will CBN & China Mobile deploy this year?

CBN and China Mobile are reportedly promising to deploy 400,000 base stations this year. Robert Clark of Light Reading wrote, "That seems unlikely – it took the incumbent operators nearly two years to reach that mark – but it seems certain that CBN will offer its first commercial services late this year or early 2022.

Does China have a 5G license?

China granted a 5G license for use of the 700 MHz frequency to CBN, the

country's fourth telecoms operator, in June 2019. The other three obtained 5G licenses for 2.6 GHz and 4.9 GHz. Founded in 2014, Beijing-based CBN is the most recently established, so lacks users and infrastructure, which is partly why it is cooperating with China Mobile on 5G.

Why is Ericsson based on 3GPP 5G?

The successful test by Ericsson based on the 3GPP 5G specifications contributed by CBN, including the 700MHz technology standard and n28 band terminal enhancements standard, has improved the 700MHz network capability efficiently, which is of great significance to the innovation of low-band 5G networks in various scenarios."

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