

Bangladesh: Drees & Sommer supports power distribution company Desco with the construction of its new corporate headquarters

Dhaka Electric Supply Company Ltd. (Desco) – the leading electricity supplier in Bangladesh – is planning its new headquarters in the capital, Dhaka. The 25,000 square meter sustainable building is to be completed by mid-2021. Special features include low-emissivity facade glazing, which ensures low thermal radiation, and a greywater recycling system. The new building will accommodate approximately 900 Desco employees. The Drees & Sommer engineering experts from Shanghai office are supporting Desco HQ project with Facade Technology, Energy Consulting, and Building Services Engineering. This is the Stuttgart real estate consultancy's first project in the South Asian country.

The Bangladeshi power distribution company's new corporate headquarters will be built not far from the capital's airport and overlooking the Buriganga River, which runs through Dhaka. The company attaches great importance to the building's sustainability in terms of climate protection and energy efficiency. This is especially evident in the low-emissivity glazing and the vertical slats on the facade, which not only provide solar protection, but also prevent excessive heat radiation. A photovoltaic system on the roofs of the buildings and recycling of wastewater also help to reduce water and energy consumption. The Drees & Sommer engineering experts are contributing their expertise from the areas of Facade Engineering, Energy Consulting, and Building Services Engineering to provide Desco with comprehensive advice and to implement the project in accordance with the customer's wishes. The short construction time frame is a special challenge.

The new Desco headquarters – comprising two twelve-storey buildings – was designed by a consortium of two architectural firms, Synthesis Architects and Roofliners Studio of Architecture. The pedestrian bridges connecting the two complexes offer a splendid view of the city and are to be landscaped, providing a healthy environment for employees to relax. The design of the building is also open and user-friendly in other respects: Plans include planted terraces, a courtyard open to the public, attractive lounge areas, and water features in the building's interior. The glass facade with windows extending down to the floor also means that the new buildings will be flooded with natural light, ensuring a pleasant work environment. In addition to one-person offices, employees also have multi zones and large conference rooms at their disposal.



Capture: The new Desco-Headquarter will be situated on a prominent location on Dhaka-Mymensing Highway. © Synthesis Architects and Roofliners Studio of Architecture



Capture: The multi-level green terraces & alcoves give a courtyard expression with a view of the street plaza below. © Synthesis Architects and Roofliners Studio of Architecture

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