

PUNJAB NATIONAL BANK - BEST BUILDING STRUCTURE

BY INDIAN CONCRETE INSTITUTE

CITATION

Ahluwalia Contracts (India) Limited an ISO certified company having specialized experience of more than 37 years in the construction industries as one of the leading civil contractor of the country, has constructed “**Punjab National Bank Head Office**” building at sector -10 Dwarka, New Delhi with 5 star GRIHA rating norms.

A large quantity of 10760 M³ of various grade of concrete (RMC) from M-15 to M-40 are used in this building, spread over a area of 4.2 acres, having three basement, of total area of 41837.73 M² and ground plus five floors having total area of 34699.5 M².

The building is a high quality construction and confirmed all quality tests during execution as well as post execution of work. The executive floor is at significant height of 20 meter rest on freestanding columns and other cantilever slabs at various levels all around the building. All the outer walls as well as roof slabs of the building are insulated/heat resistant and roof is also covered with insulated roofing system to minimize the heat/cold effect with a provision of natural sunlight to minimize the electricity consumption.

The building is equipped with all the modern facilities including BMS, automatic electric light with sensor system to optimize the consumption of light and water in the building. The solar system is also installed over the insulated roofing which fulfills all the requirement of internal electrification & provision for surplus electricity generated passes on to the National Grid. Building is also having HVAC facility with a capacity of 1225 MT.

The design as well as construction has been highly sustainable having additional features as Ground water recharging implemented by providing 5 numbers Rain water harvesting systems, sewerage treatment plant etc.

The successful completion of this project with zero fatality during execution is the result of excellent team work and understanding between the Client (CPWD) and Design Consultant (M/s R.K. Associates).

In appreciation of the outstanding structure, ICI, New Delhi Centre's award of Best Concrete Structure in Delhi for the year 2017 is hereby conferred to M/s Ahluwalia Contracts (India) Limited.

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Delegates on dais



Shri Arun Sahai (COO, ACIL) receiving Award from Shri Jayesh Kumar, ADG, CPWD