

s. **3.A TOWERS AND HIGH RISE BUILDINGS**l. **Company profile****A08 - EMILIA-ROMAGNA TOWER - Bologna**

The administration compound, for an office surface of 13900 m², is composed of a podium which houses the library, meeting rooms and the canteen, a two level underground parking and of two office buildings, with the height of 28 and 87 m above the ground level, respectively.

The buildings are structurally interconnected by means of visco-elastic devices in order to dynamically control the tower behavior under the earthquake and wind actions.

The tower structure is composed of 6 reinforced and prestressed stair and elevator shafts and of composite steel-concrete columns and beams; the foundation system is based on piles.

Tri-dimensional facade elements of exposed aggregate concrete are pre-assembled before hoisting to the design position.

All the 8.00 by 8.00 two level parking structure is composed of precast, prestressed ribbed slabs, directly bearing on the columns.

Client: Finanziaria Bologna Metropolitana - Bologna

Architect: Kenzo Tange Associates - Tokyo

Builder: Consorzio Cooperative Costruzioni - Bologna

Construction year: 2000-2003, restarted in 2007 completed 2010

Structure value: 18.000.000 €

Services supplied: at the date: geophysics and geotechnical studies, preliminary design ; final design technical assistance to Site Supervision.



