



**KALLIERGOS O.T.M.**  
CONSULTING ENGINEERING COMPANY

**CLIENT:**

HELLENIC PUBLIC REAL ESTATE  
CORPORATION

**PERIOD:**

2001

**CONTRACTOR:**

G.H. BOUSBOURAS & co

## RETROFIT OF OFFICE BUILDING

**DESCRIPTION:**

It's a 9 storey office building (5 full area and 4 set back storeys with a basement). The building in its former use housed the magistrate court and the state mortgage office. Period of construction : 1966-1968. Covered area : 470 m<sup>2</sup>  
Total service area : 4.500 m<sup>2</sup>. Structural system : Reinforced Concrete frame

**RETROFIT MEASURES**

- New stiffening members (Reinforced shotcrete walls)
- Strengthening of slabs and beams of 2nd and 3rd floor (Reinforced shotcrete).
- Jacketing of small section columns in upper floors.
- Repair of damaged members.
- New 8 storeys external emergency staircase (steel structure).
- Reinforced shotcrete was used to strengthen reinforced concrete members.
- Cost of retrofit works : 430.000.00 €

