

**(14) PETROJETADMINISTRATION BUILDING– EGYPT (2012) – Structure Upgrading of 5 Floors Building**

This 1980's administration building has 5 floors; the first two have 400 square meter and the top three floors are incomplete to give the building an up - side down shape of a T section. The building has spectacular view over Lake Marriout and Cairo – Alexandria desert road. The owner has decided to upgrade the building to acquire the new advances in different fields of engineering. The building new curtain wall, additional 2200 square meter and 15 E/M systems necessitates innovative structure system designed and executed using composite steel / RC sections.



