

HERMANN-LUPPE-SCHOOL Frankfurt/Main (Germany)

NEW BUILDING

Client:	City Council of Frankfurt/Main Planning Office
Architects:	Voigt und Herzig Architekten und Ingenieure GmbH, Darmstadt
Our services:	Competition Consultancy (3rd Price) Full structural design Establishing the basis Preliminary design Final design Approval documentation Execution drawings Preparation of contract award Construction supervision Structural fire protection Earthquake engineering Sound insulation Pit sheeting Underpinning measures Prestressed concrete design
Brief description:	<p>New building of a 2-storey school for educational aid with a sports hall</p> <ul style="list-style-type: none">- reinforced concrete framework with partially supported bracing shear walls and composite columns on the ground floor- dimensioning concept based on the assumption of steel columns no longer supporting load in case of fire- 70 m long building with expansion joints- difficult foundation conditions- gymnasium with basement designed as white Tank for waterproofing- cantilevering building areas designed as composite structures- prestressed concrete beam over gymnasium
Completion:	2007
Competition:	3rd Price with assignment



Pictures / Illustrations: ProfessorPfeiferandPartner PartGmbB, voigt und herzig architekten und ingenieure GmbH