

Prüfingenieur für Bauwesen (VPI)

Tragwerksplanung

FEM-Analysen

Baudynamik

Erdbebeningenieurwesen

Mitglied der Deutschen Gesellschaft
für Erdbebeningenieurwesen und
Baudynamik

Staatlich anerkannte Sachverständige
- für die Prüfung der Standsicherheit
- für Schall- und Wärmeschutz

Schweißfachingenieur

Bausubstanzbeurteilung

Bauüberwachung

MTM Ingenieure GmbH · Jürgensplatz 38 · 40 219 Düsseldorf

To whom it may concern

Cooperation with Mr. Zdrawko Bonev

23. September 2010

Dear Ladies and Gentlemen,

I herewith want to express my full pleasure working in cooperation with Mr. Zdrawko Bonev.

Our company, "MTM Ingenieure GmbH", works in all branches of civil engineering. We are specialized in the field of earthquake engineering and due to our close relationship with the "German Federal Department Of Building" we do a lot of "Earthquake-Assessments" and "Earthquake-Strengthening" of existing buildings for the department. After determination of the design earthquake loading and definition of the feasible plastic mechanism a suitable strengthening solution is carried out based on the capacity design principle. The latter considers newly implemented primary elements to enhance the earthquake resistance instead of using the existing substructures.

Mr. Zrawko Bonev and our company have started cooperation in 2004. The cooperation includes assessments of the buildings (design analysis according to Eurocode 8 (DIN EN 1998:2004) of the endangered members) and design of the strengthening. It was done for (high-rise) buildings exposed to extremely large seismic risk in different countries, e.g. Chile, Ecuador, Mexico, Turkey and Bulgaria. One project done by Mr. Bonev is the Goethe-Institute in Ankara, Turkey. An overview can be seen on <http://www.mtm-ingenieure.de/goetheinstitut-in-ankara.html>.

I again want to thank Mr. Bonev for the performance he is doing in our team.

Yours sincerely



Arndt Meurs
CEO

Member of the German
society of earthquake
engineering and structural
dynamics.

