

TITLE: LANDSLIDE HAZARD ANALYSIS FOR AVCILAR

LANGUAGE: ENGLISH

PUBLICATION TYPE: Report

SUMMARY/ABSTRACT

1.1. Purpose and Problem

Badem, Bayırlı and Bahçe Streets in Ambarlı District of Avcılar District of Istanbul and around; As a result of the ground movements reaching dangerous levels, which have started in the spring months of 2004 and accelerated in September-October 2004, , from Avcılar Mayor's Office to the department of planning and zoning within IMM Presidency; Upon the application made to the Planning and Zoning Department, Directorate of Earthquake and Ground Research made observations and examinations in the field. After this examination, it was found useful to carry out a detailed Geological - Geotechnical study in order to determine the quality and quantity of movements in this region, which was defined as the "Balaban Landslide Area" from previous studies (1997), and to develop solution proposals according to the information to be obtained. For this purpose, as a result of the tender held by the Directorate of Earthquake and Ground Research, a contract with the ELC GROUP CONSULTING AND ENGINEERING LTD / ŞTİ. was signed on 28.01.2005 with a duration of 45 calendar days.

In the tender document attached to this contract, Type Administrative Specification (54 items), standard formula list of contents, unit price chart, Service Works General Specification (59 items) ,Service Procurement Inspection and Acceptance Regulation (16 Items), Special Technical Specification (11 Items) and Contract Draft (39 Items) "ISTANBUL PROVINCE AVCILAR DISTRICT STABILITY SURVEY FOR GROUND MOVEMENT OCCURRING IN THE SOUTH OF AMBARLI NEIGHBORHOOD" has been described in detail.

1.2. Introduction of the Study Area

The Study Area includes Badem, Bayırlı and Bahçe streets and its surroundings (0.81 km²), in the west of Avcılar district of istanbul, south of Ambarlı Mahallesi, where a dense settlement has been observed especially since the end of the 1990s. (Figure 1.1.)



Şekil I.1 – İnceleme Alanının Yeri



ORGANIZATION: Istanbul Metropolitan Municipality

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REGION & COUNTRY: TÜRKİYE

HAZARD: LANDSLIDE

THEMES: LANDSLIDE HAZARD ANALYSIS