

**Ayyıldız WPP, Improvement for Turbine Foundation****CERTIFICATION OF GOOD PERFORMANCE**

This is to certify that Ltd. has provided Akenerji Elektrik Üretim A.Ş. with consulting services for the Ayyıldız WPP Improvement for Turbine Foundation Projects.

Project description	<p>Senso Engineering has provided engineering services for the foundations of the wind turbines operated by Akenerji. The scope of the service is, retrofitting of the existing foundations, monitoring foundations with sensors and preparing strengthening projects.</p> <p>The project was carried out in two phases and, as a first step, the safety factor of the system was determined by taking into consideration of the problematic area located at the web-foundation connection point. After that, a strengthening method was determined to restore the lost capacity. Alternative studies were performed and the most applicable one was selected finally. Senso Engineering has performed detailed analyses during the whole process, made measurements with sensors, interpreted measurement results and represented an applicable project which was satisfied expectations.</p> <p>As Akenerji, we would like to thank Senso Engineering for their dedicated work during the project.</p>
Description of provided services.	<ul style="list-style-type: none"><li>• Technical Analysis and Calculations</li><li>• Preparing of Detailed Design and Tender Documents</li></ul>
Approximate value of the Engineering and Consulting services	<ul style="list-style-type: none"><li>• [REDACTED] + V.A.T for Technical Analysis and Report</li><li>• [REDACTED] + V.A.T for Detail Design and Calculations</li></ul>
Execution	March, 2018
Degree of performance	100 % The work carried out by Senso Mühendislik Ltd. Şti. was performed of highest professional standard, carefully respecting the requirements of safety, economy and without incurring any penalty imposed by the client.

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**Akenerji Elektrik Üretim A.Ş.**