



<b>Project Name (9):</b> Gwynt y Môr Offshore Wind Park		<b>Country:</b> United Kingdom
<b>Project Location Within Country:</b> Irish Sea Northern Wales		<b>Professional Staff Provided:</b>  <b>No. of Staff:</b> 1
<b>Name of Client:</b> RWE npower renewables, United Kingdom		<b>No. of Person-Months:</b> 11
<b>Start Date:</b> 2009-09-01	<b>Completion Date:</b> 2010-07-31	<b>Approx. Value of Services:</b>
<b>Name of Associated Firm:</b> None		<b>No. of Person-Months of Professional Staff Provided by Associated Firms::</b>  None
<b>Senior Staff Involved and Functions Performed:</b> Lead Foundation Package Manager		
<b>Detailed Narrative Description of Project &amp; Services:</b>  Gwynt y Môr Offshore Wind Farm Limited is a company set up by RWE npower renewables Limited to develop a wind farm site 13 km offshore from the North Wales coast stretching from Prestatyn to Colwyn Bay in the UK.  It intends to build, operate and maintain a new offshore wind farm at Gwynt y Môr, and will comprise of 160 Wind Turbine Generators with a total rated power of 576 MW (160 @ 3.6 MW), 160 WTG Foundations, 2 Offshore High Voltage Substations (OHVS), 2 Jacket Foundations for the OHVS, 4 Export Seacables, 161 Inter Turbine Seacables, Onshore Export Cable and an Onshore High Voltage Substation.  Start construction is scheduled Autumn 2011 and will last to year 2014.		
<b>Technical Data:</b> <ul style="list-style-type: none"> <li>• Water depth range: 13 m to 29 m (Ref. LAT)</li> <li>• Tidal range: 9.9 m</li> <li>• Soil conditions: Sand, Clay and Mudstone</li> <li>• WTG Foundation Types: Monopiles and Jackets. Monopile weights from 450 MT to 700 MT</li> <li>• OHVS Foundation Types: Jackets post piled. Jacket weight approx. 800 MT.</li> <li>• Installation of Monopiles: Drive/Drill/Drive method.</li> </ul>		
<b>Services provided:</b>  On behalf of the Owner responsible for procuring and management of the following contracts managing a team from Project Management (Programming and Cost Estimation), Engineering,		



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Procurement, Legal and QHSE disciplines: <ol style="list-style-type: none"><li>1. Wind Turbine Foundation Stage 1 (92 Monopile Foundations) Design,</li><li>2. Wind Turbine Foundation Stage 1 (92 Monopile Foundations) Supply and Fabrication</li><li>3. Wind Turbine Foundation Stage 1 (92 Monopile Foundations) Transportation</li><li>4. Wind Turbine Foundation Stage 1 (92 Monopile Foundations) Installation</li><li>5. Wind Turbine Foundation Stage 2 (68 Jacket Foundations) Design, Supply and Fabricate</li><li>6. Wind Turbine Foundation Stage 2 (68 Jacket Foundations) Transportation and Installation</li><li>7. Offshore Substation Foundation (2 Jacket Foundations): Design, Supply and Fabricate</li><li>8. Offshore Substation Foundation (2 Jacket Foundations): Transportation and Installation.</li></ol>	