


APPENDIX B2: CERTIFICATE OF SATISFACTORY EXECUTION –WORKS ONLY

<p>ACTIVITY (Title of Applicant Activity)</p>	<p>Works Contractor & PSCS</p>		
<p>SITE Construction contract: (Title & Brief Description)</p>	<p>Merck Millipore Compliance and Capacity Upgrade</p> <p>MEIC Ltd along with our sister company Glan Agua Ltd was awarded the Process, Civil, Mechanical and Electrical Design contract for Merck Millipore WWTW Compliance and Capacity Upgrade. The appointment consists of the design, build and commissioning of an upgraded WWTW at the pharmaceutical site in Co. Cork. MEIC Ltd is the main Civil Subcontractor on the project and are responsible for all civil elements of the contract including earthworks, pipelines, pumping stations etc.</p> 		
<p>Site location:</p>	<p>Carrigtwohill, Co Cork</p>		
<p>Proportion of project undertaken by Applicant:</p>	<p>50%</p>	<p>Tender entity (Sole trader/ Joint Venture):</p>	<p>MEIC Ltd.</p>
<p>VALUE Construction contract value at award stage (including cost of services where applicable):</p>	<p>Confidential</p>	<p>Construction contract value at completion (including cost of services where applicable):</p>	<p>Confidential</p>
<p>GENERAL INFO Role of Company in delivery of Project:</p>	<p>Project Details</p> <p>Civil and Construction Works:</p> <p>Earthworks and Excavations Bulk earthworks was required to reduce the levels (particularly the Eastern and Northern areas) of the existing WWTP. A geosynthetic clay (or similar approved) lined swale and catchment pond was constructed to the Eastern and North-Eastern boundaries of the site to serve as environmental protection to the adjacent lands during the construction works. The type of liner used is a Bentomat AS50 geosynthetic clay liner (GCL) (or similar approved). Bentomat AS50 consists of a layer of natural sodium bentonite encapsulated between woven and non-woven geotextiles, which are needle-punched together to provide internal reinforcement. The internal reinforcement minimizes clay shifting, thus allowing the GCL to maintain consistent low permeability and maximum performance under a wide variety of field conditions.</p> <p>The bulk excavations shall generally lower the level of the areas where works are to be constructed. Any sides to the bulk excavations shall be battered back at a safe angle to ensure slope stability.</p> <p>Permanent Fencing: Modifications to the existing fence line included provision of three new sets of access gates at the Western boundary of the WWTP site. New galvanised palisade fencing (to match existing) was placed along the revised site boundary to the North, East and South of the site.</p>		

	<p><u>Drainage</u> Construction of concrete hardstandings and concrete roadways within the entire footprint of the site, such that all areas of the site will be sealed to prevent runoff from potentially contaminating the underlying ground in the event of a spillage. The entire surface area of the site including rooftops are drained into a stormwater collection network. The stormwater network shall discharge into the existing pumping station, where it shall then be pumped to the existing stormwater manhole outside the South Western end of the WWTP site. The stormwater collection network was designed and constructed in accordance with <Clause 2.4> and its sub-clauses of Section 6: Civil, Structural and Architectural Specifications of the Contract Document</p> <p><u>Health & Safety Aspects of the Contract</u></p> <ul style="list-style-type: none"> • Traffic Management • Access and Egress • Compressed Air Power Tools • Concrete • Electrical Safety, Cables and Leads, Plugs and Sockets • Entry into Confined Spaces • Excavations • Liquefied Petroleum Gas • Manual Handling and Lifting • Moving Parts and Machinery • Noise • Overhead Electricity Cables • Plant & Transport on Site • Roadworks • Site Tidiness • Slips, Trips and Falls • Unauthorized persons on site. • Underground Services • Use of Tools and Equipment • Vibration • Weils Disease • Works on or adjacent to Water 		
Name & address of Contracting Authority responsible for the project:	Merck Millipore, Carrigtwohill, Co. Cork		
Contracting Authority contact name:	Mr. Kieran Twomey	Phone no.:	021 4883666
OTHER INFORMATION Other information required is listed below (where applicable)			
CONTRACTOR'S NAME:	MEIC Ltd.		